



NOTICE OF MEETING

The regular meeting of the Incline Village General Improvement District will be held starting at **6:00 p.m.** on **Thursday, April 29, 2021** in the Boardroom at 893 Southwood Boulevard, Incline Village, Nevada.

In compliance with State of Nevada Executive Department, Declaration of Emergency Directives 006, 016, 018, 021, 026, and 029, this meeting is closed to the public and attendance is limited to members of the Board of Trustees and essential staff. Public comment is allowed and the public is welcome to make their public comment either via e-mail (please send your comments to info@ivgid.org by 4:00 p.m. on Thursday, April 29, 2021) or via telephone (the telephone number will be posted to our website on the day of the meeting).

- A. PLEDGE OF ALLEGIANCE*
- B. ROLL CALL OF TRUSTEES*
- C. INITIAL PUBLIC COMMENTS* - *Unless otherwise determined, the time limit shall be three (3) minutes for each person wishing to make a public comment. Unless otherwise permitted by the Chair, no person shall be allowed to speak more than once on any single agenda item. Not to include comments on General Business items with scheduled public comment. The Board of Trustees may address matters brought up during public comment at the conclusion of the comment period but may not deliberate on any non-agendized item.*

- D. APPROVAL OF AGENDA (for possible action)

The Board of Trustees may make a motion for a flexible agenda which is defined as taking items on the agenda out of order; combining agenda items with other agenda items; removing items from the agenda; moving agenda items to an agenda of another meeting, or voting on items in a block.

-OR-

The Board of Trustees may make a motion to accept and follow the agenda as submitted/posted.

- E. DISTRICT GENERAL MANAGER'S UPDATE – **pages 4 - 14**
- F. REVIEW OF THE LONG RANGE CALENDAR (for possible action) – **page 15**
- G. DISTRICT GENERAL COUNSEL UPDATE (for possible action)

There is no District General Counsel update for this agenda.

- H. REPORTS TO THE BOARD* - Reports are intended to inform the Board and/or the public.

- 1. Audit Committee Chairman Matthew Dent – Verbal Report on Audit Committee Meeting of April 29, 2021

- I. CONSENT CALENDAR (for possible action) (In cooperation with the Chair, the General Manager may schedule matters for consideration on a Consent Calendar. The Consent Calendar may not include changes to budget, user rates or taxes, adoption or amendment of ordinances, or any other action which is subject to a public hearing. Each consent item shall be separately listed on the agenda, under the heading of "Consent Calendar". A memorandum containing all relevant information will be included in the packet materials for each Consent Calendar item. The memorandum should include the justification as a consent item in the Background Section. Any member of the Board may request the removal of a particular item from the consent calendar and that the matter shall be removed and addressed in the General Business section of the meeting. A unanimous affirmative vote shall be recorded as a favorable motion and approval of each individual item included on the Consent Calendar.)

There are no Consent Calendar items for this agenda.

Incline Village General Improvement District

Incline Village General Improvement District is a fiscally responsible community partner which provides superior utility services and community oriented recreation programs and facilities with passion for the quality of life and our environment while investing in the Tahoe basin.

893 Southwood Boulevard, Incline Village, Nevada 89451 • (775) 832-1100 • FAX (775) 832-1122

www.yourtahoeplace.com

NOTICE OF MEETING

Agenda for the Board Meeting of April 29, 2021 - Page 2

J. GENERAL BUSINESS (*for possible action*)

1. Review, Discuss, and Possibly Authorize or approve: – **pages 16 - 203**

- (A) Four contracts for the Burnt Cedar Swimming Pool and Site Improvement Project - Fund: Beaches; Project 3970BD2601. Vendor: CORE Construction in the amount of \$3,845,865 which includes adding alternates #1, #2, #3, #4, Tri-Sage Consulting in the amount of \$69,500, Reno Tahoe Geo Associates, Inc. in the amount of \$21,000, TSK Architects in the amount of \$105,680;
- (B) Resolution Number 1886 authorizing a budget augmentation of \$174,000 and budget reallocation of \$214,190 in support of the Burnt Cedar Swimming Pool Renovation Project

(Requesting Staff Member: Engineering Manager Nathan Chorey)

2. Review, discuss, and possibly authorize or approve: – **pages 204 - 383**

- (A) Two contracts for the Recreation Center Upstairs Lobby Restrooms Remodel - 2020/2021 Capital Improvement Project: Fund: Community Services; Division: Water; Project 4884BD1902. Vendor: Avail Construction in the amount of \$159,832.40 **and** Ward-Young Architecture in the amount of \$20,487;
- (B) An additional \$52,556 be authorized from the Community Services Fund Balance to increase the project budget; **and**
- (C) Resolution Number 1885 authorizing a budget augmentation of \$52,556 from available resources within the Community Service Capital Fund (550) Fund Balance to augment the Recreation Center Restroom Remodel project budget

Requesting Staff Member: Engineering Manager Nathan Chorey

3. Review, discuss and possibly approve an emergency resolution (Resolution Number 1884) that temporarily limits access to the beaches, located in Incline Village, Nevada known as Incline Beach, Burnt Cedar Beach, Ski Beach and Hermit Beach, provides for possible occupancy limits, provides discretion to limit, restrict, and/or cancel any and all group picnic reservations, place a limit on the purchase of punch cards, and provides for a method to make necessary and immediate changes with a communication process to the Board of Trustees – Effective Date April 29, 2021; End Date December 31, 2021 (Requesting Staff Members: District General Manager Indra Winqest and Parks & Recreation Superintendent Shelia Leijon) – **pages 384 - 393**

4. Review, discuss and possibly approve recommended Beach Venue Rates to include Adult Beach Guest Access, Kayak Storage, Paddleboard Storage, Daily Boat Launch Fee, Season Pass Watercraft Launch Fee, **and** review, discuss and possibly approve revisions to the Season Watercraft Launch Pass Form (Requesting Staff Members District General Manager Indra Winqest and Parks & Recreation Superintendent Shelia Leijon) – **pages 394 - 398**

5. Review, discuss, and possibly approve a new current year CIP Project (# 4588RS2101) to convert Tennis Court #9 to four dedicated Pickle Ball courts, to be funded from the reallocation of capital funding originally approved for Tennis Court Re-surfacing (CIP #4588RS1401), in the amount of \$17,600. (Requesting Staff Members: District General Manager Indra Winqest and Parks & Recreation Superintendent Sheila Leijon) – **pages 399 - 403**

6. Review, discuss and possibly award Emergency Construction Contracts for Reconstruction of Sewer Pump Station #13 – Fund: Utilities; Vendor: San Joaquin Electric in the amount of \$89,500 and Burt and Burt, Inc. in the amount of \$12,000, and authorize budget augmentation of \$146,550 within the District's Utility Fund (Fund 200), to support total project costs (Requesting Staff Member: Director of Public Works Brad Underwood) – **pages 404 - 427**

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- 7. Review, discuss and provide feedback on potential revisions to selected Board Policies and Practices: – **pages 428 - 496**
 - (A) Capitalization Policy - (Board Policies 8.1.0 and 9.1.0, and Board Practice 2.9.0)
 - (B) Capital Planning, Capital Budgeting and Capital Expenditures (Board Policy 12.1.0 and 13.1.0 and Board Practice 13.2.0)
 - (C) Fund Balance Policy - (Board Policy 7.1.0 and Board Practice 7.2.0)
 - (D) Working Capital Policy - (Board Policy 19.1.0 and Board Practice 19.2.0), and
 - (E) Central Services Overhead - (Board Policy 18.1.0 and Board Practice 18.2.0)(Requesting Staff Member: Director of Finance Paul Navazio)

K. APPROVAL OF MINUTES *(for possible action)*

- 1. Meeting Minutes of April 14, 2021 – **pages 497 -544**

L. REPORTS* *(Reports are intended to inform the Board and/or public)*

There are no Reports for this agenda.

M. FINAL PUBLIC COMMENTS* - Limited to a maximum of three (3) minutes in duration.

N. ADJOURNMENT *(for possible action)*

CERTIFICATION OF POSTING OF THIS AGENDA

I hereby certify that on or before Monday, April 26, 2021 at 9:00 a.m., a copy of this agenda (IVGID Board of Trustees Session of April 29, 2021) was delivered to the post office addressed to the people who have requested to receive copies of IVGID's agendas; copies were either faxed or e-mailed to those people who have requested; and a copy was posted at the following seven locations within Incline Village/Crystal Bay in accordance with NRS 241.020:

- 1. IVGID Anne
- 2. Incline Village
- 3. Crystal Bay Post
- 4. Raley's Shopping
- 5. Incline Village
- 6. IVGID's
- 7. The Chateau at Incline Village

SUSPENDED – STATE OF NEVADA EXECUTIVE DEPARTMENT, DECLARATION OF EMERGENCY, DIRECTIVES 006, 016, 018, 021, 026, AND 029.

- Vorderbruggen Building (Administrative Offices)
- Post Office
- Office Center
- Branch of Washoe County Library
- Recreation Center

/s/ Susan A. Herron, CMC

Susan A. Herron, CMC

District Clerk (e-mail: sah@ivgid.org/phone # 775-832-1207)

Board of Trustees: *Tim Callicrate - Chairman, Matthew Dent, Sara Schmitz, Kendra Wong, and Michaela Tonking.*

Notes: *Items on the agenda may be taken out of order; combined with other items; removed from the agenda; moved to the agenda of another meeting; moved to or from the Consent Calendar section; or may be voted on in a block. Items with a specific time designation will not be heard prior to the stated time, but may be heard later. Those items followed by an asterisk (*) are items on the agenda upon which the Board of Trustees will take no action. Members of the public who are disabled and require special accommodations or assistance at the meeting are requested to call IVGID at 832-1100 at least 24 hours prior to the meeting. Copies of the packets containing background information on agenda items are available for public inspection at the Incline Village Library.*

IVGID'S agenda packets are now available at IVGID's web site, www.yourtahoeplace.com; go to "Board Meetings and Agendas". A hard copy of the complete agenda packet is also available at IVGID's Administrative Offices located at 893 Southwood Boulevard, Incline Village, Nevada, 89451.

**NRS 241.020(2) and (10): 2. Except in an emergency, written notice of all meetings must be given at least 3 working days before the meeting ...10. As used in this section, "emergency" means an unforeseen circumstance which requires immediate action and includes, but is not limited to: (a) Disasters caused by fire, flood, earthquake or other natural causes; or (b) Any impairment of the health and safety of the public.*

MEMORANDUM

TO: Board of Trustees

FROM: Indra Winqest
District General Manager

SUBJECT: General Manager’s Status Report
Prepared for the meeting of April 29, 2021

DATE: April 22, 2021

General Manager & Board of Trustees Priority Projects & Tasks

| ACTION ITEM | TARGET DATE COMPLETION | RESPONSIBLE PARTY | STATUS |
|--|--|--|---|
| Effluent Pond Lining Project Request for Qualifications (RFQ) <i>*updated</i> | Findings Memorandum to BOT on 5/12 | GM Winqest/Director PW Underwood/ Trustee Dent | CMAR reviewing background information and working to prepare Findings Memorandum. |
| Effluent Pipeline Project Request for Qualifications (RFQ) | See above | GM Winqest/ Director PW Underwood/ Trustee Dent | See above |
| Burnt Cedar Pool Project <i>*updated</i> | Guaranteed Maximum Price (GMP) will be presented for approval, 4/28/21 | Engineering Manager Chorey/GM Winqest | Bid opening on 4/5. Submitted to Washoe County and TRPA for Permits. |
| Internal Controls Project(s) Review of Internal Control Policies and Procedures <i>*updated</i> | Winter/Spring | Director of Finance Navazio | I/C project update scheduled for 4/29 Audit Committee meeting. GM has implemented updates to delegated spending authority; draft updates to procurement and accounts payable processes under internal review. |
| Consultant review of four (4) Accounting Practices – Moss Adams 2 | Completed | GM Winqest/Director of Finance Navazio/Audit Committee | Final Report by Moss Adams presented at the 1/28/21 BOT meeting. Next steps include updating Board capitalization policy (agendized for discussion at 4/29 BOT mtg.). |
| Project & Contract Consultant Review - Moss Adams 1 <i>*updated</i> | Completed | GM Winqest/Director of Finance Navazio | Final Moss Adams report presented at BOT meeting held on 1/13/21. Implementation plan for management responses presented at 3/10 BOT mtg. |

| ACTION ITEM | TARGET DATE COMPLETION | RESPONSIBLE PARTY | STATUS |
|---|-----------------------------------|---|---|
| RFP for Independent Audit Services / Financial Reporting <i>*updated</i> | Completed | Audit Committee / Director of Finance Navazio | Board approved contract with new Independent Auditor at meeting of 3/24/21. |
| Ordinance 7 GM Advisory Committee <i>*updated</i> | Winter/Spring 2020/21 | GM Winqest/Board Chairman Callicrate | Meetings took place April 6 & 13. Next meeting is scheduled for 4/27/21. Community Forums will take place in May and a survey will be launched in late May. |
| Smith vs IVGID Litigation | Ongoing | Legal Counsel/Board of Trustees/GM Winqest | Updates provided to the board on 3/31/21 and 4/14/21. |
| Utilities Performance/Asset Management Review <i>*updated</i> | Schedule for completion June 2021 | GM Winqest/Board | Raftelis is continuing with their evaluation per the contract. |
| 2021 - 2023 Strategic Plan <i>*updated</i> | Spring 2021 | Senior Management Team/Board of Trustees | Staff currently working a Draft Strategic Plan to serve as a starting point for discussions. Plan to present prelim draft in May. |
| USFS Parcel Acquisition – Potential Dog Park | Ongoing | GM Winqest | Have resumed discussions with the USFS regarding special use permit. Legislation did not pass. |
| Transition to Enterprise Fund Accounting for beginning 2021-22 Fiscal Year | Ongoing | GM Winqest/Director of Finance Navazio | State of Nevada, CLGF considered IVGID request in January. Staff filed Tentative Budget with Dept. of Taxation, initiating the District's transition to Enterprise Fund reporting beginning with the 2021-22 Fiscal Year. |
| Recreation Punch card accounting | Fall/Winter 2020 | Director of Finance Navazio | Elimination of Punch Card contra-revenue accounts being implemented for current year as well as FY2021/22 budget. |
| USACE Grant Funding for Pond Lining/Pipeline Projects | TBD | GM Winqest/ Director PW Underwood | Laura Whitney (USACE) shared new model agreements on 11/23. New target for completion of agreements is 10/31/21 |
| Ski Way Reconstruction Project <i>*updated</i> | TBD | Engineering Manager Chorey | Ongoing conversations with Washoe County. Wood Rodgers preparing memo to document alternative construction techniques. |

Sierra Nevada University use of IVGID Community Services Venues

| Area of Operation | Activity | 1701 | Narrative |
|--|---------------------------|------|--|
| Rec Center Gymnasium | Ski Team Dryland Training | No | Occasional use of the Recreation Center Gym. \$20 hr. ½ half of the gymnasium non peak hours. |
| Playing Fields | Lacrosse, Soccer | No | Minimal Seasonal Use. \$20 hr. non peak hours |
| Parks & Recreation Community Programming | Science Camp | No | UC Davis, which is house on the campus of SNU is a joint partner for the Youth Program Summer Science Camp. SNU provides teachers, curriculum and venue. Incline Parks & Rec provides marketing, admin and registration support. Revenue from the camp is split 50/50 between organizations. |
| Recreation Center | N/A | No | Students & Faculty pay the applicable rate. No Discounts. |
| Tennis & Pickleball Center | N/A | No | Students & Faculty pay the applicable rate. No Discounts |
| Community Events | Various | No | In 2020 and 2021, SNU has supported District sponsored events such as the Trail of Treats, Santa Stop and the Bunny Trail Egg Hunt as a community partner providing volunteers and event resources. |
| Beaches | NA | NO | SNU Pays four Parcel Fees that provide recreation privileges. SNU students and faculty do not have beach access unless they are IVGID Passholders |

**Sierra Nevada University usage of the Golf Courses at Incline Village
 2018-2020**

Each year, the Sierra Nevada University Golf Team purchase college passes for their play during each golfing season.

| Date | Activity | Where | Amount paid per round | Number of Players | Total Paid | Comments |
|------------------|------------|--------------------------|-----------------------|-------------------|---|---|
| 10/14-10/16/2018 | Tournament | Championship Golf Course | \$50 | 30 | \$1,500 per day Grand Total \$4,500 | This was very late in the season and there was nothing else booked – yield management |
| 10/6-10/8/2019 | Tournament | Championship Golf Course | \$50 | 44 | \$2,200 per day Grand Total \$6,600 | This was very late in the season and there was nothing else booked – yield management |

There was no tournament event in 2020 and the Golf Courses at Incline Village provided driving range balls (15 large buckets valued at \$15 per bucket and 8 medium buckets valued at \$10 per bucket) in a total value of \$305. in 2020.

Sierra Nevada University usage of the Diamond Peak Ski Resort 2018-2020

At Diamond Peak Ski Resort, SNU does not use any of the building facilities. They do however pay in bulk for ski passes used by the SNU Alpine Ski Team. This season, SNU purchased 40 passes of which only 14 were resident passes for a total of \$11,100 in pass sales. The sale of the passes do not include any discounts to SNU.

The District has, in the past and will likely in the future, enter into an agreement for the Ski venue to use the SNU parking facility during peak periods when school is not in session.

Currently, the SNU Alpine Ski Team conducts race training exercises in conjunction with DPSEF at what Staff calls early loads. Early load is an in house name for after the Lakeview ski lift is cleared with pre-operational safety checks, we load the DPSEF and SNU ski teams on the lift for ski race training sessions. This occurs when possible from 7:30 am till 9:00 am and then the courses are cleared and we open the lift to the community.

Ordinance 7 General Manager Advisory Committee

A page on the IVGID website has been created and that link is <https://www.yourtahoepace.com/ivgid/general-managers-committee-on-ordinance-7>.

Meeting minutes have been placed on the website. The committee have recently met on April 6th and 13th, 2021. The next scheduled meeting is Tuesday, April 27, 2021. There will be a verbal update at the Board of Trustees meeting on April 29, 2021. The Committee is in the process of finalizing recommendations to present to the community for feedback at upcoming virtual forums, as well as a community wide parcel owner survey. Recommendations will be related to areas including but not limited to Daily Beach Passes, Recreation Punch Card Exchange Passes, Recreation Punch Cards, guest access, definition of a guest, commercial operations, disciplinary action for abuse of recreation privileges, administrative clean up, and more.

Virtual Community Forum Dates are set for:

Thursday, May 13th 5:30 – 7:30 PM

Wednesday, May 19th 12 – 2pm, and 5:30 – 7:30 PM

Diamond Peak Update

Diamond Peak General Manager Mike Bandelin will provide a season ending report at the Board of Trustees Meeting on May 12th, 2021

IVGID Golf Courses Update

Due to the unseasonably warm weather, the Practice Range was able to open on April 12th and continues to see high usage. Jeff Clouthier and his staff have been working hard to get the golf courses open as soon as possible and after driving the golf course with Jeff, we have set a potential opening date for the Championship course on May 17th and the Mountain course on May 24th. We would ask, and due to the enormous amount of pre-opening work being performed at both courses, all residents and their guests please refrain from walking

on the golf course grass as well as keeping dogs off the grass. Residents and their guests are welcome to walk and stay on the cart paths, but please stay off the grass due to fertilization, seeding and chemical treatments being applied. Too much unneeded traffic on the golf course grass could delay opening. Also, stay tuned and check our website for Fitting Days that we have already booked and for some companies that are in the final stages of being booked.

Key Project Updates

See more information on current district capital projects.

Webpage Link:

<https://www.yourtahoeplace.com/ivgid/resources/construction-updates>

Risk and Resilience Assessments and Emergency Response Plan

The America's Water Infrastructure Act (AWIA) requires preparation of Risk and Resilience Assessments (RRA) and emergency response plans (ERPs). Farr West Engineering's contract to complete this work was authorized at the December 9, 2020 Board Meeting. IVGID staff and Farr West participated in a RRA workshop, and work is scheduled to be complete in June 2021.

Utilities Management Review and Asset Assessment

The Utilities Management Review and Asset Assessment includes evaluation of IVGID Public Works' organizational structure and staffing, review of operational efficiency, and review of financial and capital investment. At the January 13, 2021 Board Meeting, Trustees authorized a professional services contract with Raftelis, who has started reviewing requested documentation and conducting virtual interviews with select staff and Trustees. Raftelis was on site at the end of March to tour facilities and conduct additional interviews. Raftelis is currently completing; an organization structure and benchmark comparison against peers, draft operational efficiency recommendations, and reviewing financial and capital investment information.

Burnt Cedar Swimming Pool Improvements

A 2021 Capital Improvement and Board of Trustees Priority Project, this project will reconstruct the two (2) existing pools (full size and toddler) at Burnt Cedar Beach. A design consultant has been selected and worked with IVGID Staff and a community group to develop a preferred conceptual design and, on August 12, 2020, the Board of Trustees unanimously selected a preferred option. Construction documents are complete and the CMAR has publicly advertised the project for bids. The Guaranteed Maximum Price contract will be presented to the Board of Trustees for approval on April 29, 2021. The Project is tentatively scheduled to begin construction on May 3, 2021. Construction will require complete closure of the pool and pool deck for the entire 2021 season.

Tennis Center Renovation

The project includes remodeling the pro-shop and restrooms, enclosing the existing kitchenette area, expanding and enhancing the deck area, and layout improvements to make

the venue more welcoming. The construction contract was awarded at the June 10, 2020 Board of Trustees meeting. Construction is substantially complete.

Daniel Fraiman Construction Contract Status:

| Original Contract Amount | Change Orders | Current Total Contract Amount | Total Payments for Work Completed to Date | Current Balance to Completion (including retainage) |
|--------------------------|---------------|-------------------------------|---|---|
| \$709,000 | \$36,362 | \$745,362 | \$646,497 | \$98,865 |

Effluent Pipeline Project – 2524SS2010

District Staff provided a detailed Effluent Export Project update to the Board of Trustees on January 29, 2020. The immediate priority is to replace all of the remaining Segment 3 pipeline (12,385 linear feet) and to make immediate repairs to the Segment 2 pipeline (17,314 linear feet) to extend its life and mitigate a potential future leak site. At the January 28, 2021 Board of Trustees Meeting, Trustees approved a Construction Manager-At-Risk (CMAR) pre-construction contract to Granite Construction. A kick-off meeting was held on February 11th and Granite is currently reviewing available background material in advance of preparing a Findings Memorandum. This Memorandum will help inform the selection of a Design Engineer.

Effluent Pond Lining Project – 2599SS2010

A component of the Water Resource Recovery Facility (WRRF) operation is a 2.4-million-gallon effluent storage basin located adjacent to the wastewater resource recovery facility (Plant). The WRRF Effluent Storage Alternative Analysis Memorandum, September 2018, recommends a reinforced concrete, or the combination of concrete and shotcrete, lining that provides the best long term value, maximizes storage volume, and has low maintenance to keep in service. At the January 28, 2021 Board of Trustees Meeting, Trustees approved a Construction Manager-At-Risk (CMAR) pre-construction contract to Granite Construction. A kick-off meeting was held on February 11th and Granite is currently reviewing available background material in advance of preparing a Findings Memorandum. This Memorandum will help inform the selection of a Design Engineer.

Financial Transparency

Staff is anticipates completing the close for March 2021 accounting period by April 23rd. A third quarter budget update is scheduled for the Board meeting of May 12th, and will include updated estimates for year-end revenue and expenditures through June 30, 2021. Staff will continue to augment the reporting of monthly financial information to include detailed, line item reports reflecting budget vs actual results for each of the District's major funds.

At their meeting of April 14th, the Board of Trustees received the Tentative Budget for FY2021/22, which was filed with the State of Nevada, Department of Taxation on April 15th,

consistent with NRS filing requirements. The Board has scheduled a fourth Budget Workshop on May 5th to continue discussion and refinement of the FY2021/22 budget, including setting direction for the rate(s) and allocation of the District's Recreation and Beach Facility Fees for FY2021/22. The District has schedule a series of public hearings related to the FY2021/22 Facility Fees and annual budget on May 26th, prior to actions required to adopt the annual budget.

Federal Legislative Efforts

Attached is a report submitted by Marcus Faust

Policy 3.1.0, subparagraph 0.4 – Report to the Board on Contracts Signed by the District General Manager

From March 4, 2021 to March 23, 2021

| PO Number | Vendor | Description | PO Amt |
|-----------|---------------------------------|--|-----------|
| 21-0205 | Pacific Water Resources | SPS#2 Improvements | \$5,540. |
| 21-0201 | Marker Volkl USA, Inc. | Ski rental equipment helmets | \$10,028. |
| 21-0200 | Reno Tahoe Geo Associates, Inc. | BCP Special Inspection & Testing Svcs.* | \$21,000. |
| 21-0196 | SILegacy Floor Finishing | Recoat Chateau exterior deck | \$18,000. |
| 21-0192 | Jensen Precast | Replace commercial water meters | \$6,664. |
| 21-0188 | Commercial Fitness Equipment | Treadmill & Recum Bike with TVs | \$11,503. |
| 21-0184 | JP Engineering | Arc Flash Analysis – Diamond Peak | \$15,000. |
| 21-0183 | JP Engineering | Arc Flash Analysis – Comm. Svcs. | \$6,000. |
| 21-0181 | Ozonias North America, Inc. | Cleaning & servicing of BCWDP ozone gen. | \$12,000. |
| 21-0175 | Johnson Controls | Fire Sprinkler System – District Wide | \$18,000. |

*Created early so we could get the purchase order onto the contractor's documents – no payment paid, no services begun

Public Records Requests

Following are the public records requests from March 5, 2021 through April 9, 2021.

| Date Requested | By Whom | Subject | Date Responded | Status/Comments |
|----------------|--------------------|---|--------------------------|---|
| 03/05/2021 | Katz, Aaron | 1975 AG Opinion | 03/26/2021 | Complete |
| 03/05/2021 | Dobler, Cliff | Granite Construction Contract – Effluent Pipeline | 03/05/2021 | Complete |
| 03/05/2021 | Dobler, Cliff | Effluent Pipeline Repairs | | Staff continues to work on this request – targeting mid-May |
| 03/05/2021 | Richards, Sandra | Signage | 03/10/2021 | Complete |
| 03/08/2021 | Abel, Mike & Helen | OpenGov tool – Budget Detail Information | 03/08/2021 03/10/2021 | Complete Complete – more questions |
| 03/13/2021 | Katz, Aaron | Allocated General Fund Expenses | | Staff continues to work on this request – targeting mid-May |
| 03/15/2021 | Dobler, Cliff | All 1701 requests since 11-6-2018 to present | | Staff continues to work on this request – targeting mid-May |
| 03/15/2021 | Dobler, Cliff | Invoices on CIP 1213CO1703 (also requested 1213CO1505 but that was already requested and responded to – see 12/29/2020 entry – IT Infrastructure) | 03/16/2021 | Complete |

| Date Requested | By Whom | Subject | Date Responded | Status/Comments |
|----------------|---------------|--|----------------|-----------------|
| 03/16/2021 | Schmitz, Sara | Tree Removal Costs at Rosewood Creek Bridge | 03/19/2021 | Complete |
| 03/17/2021 | Katz, Aaron | North Lake Tahoe Little League athletic field usage | 03/17/2021 | Complete |
| 03/18/2021 | Dobler, Cliff | Back up Memo and Minutes – IT Infrastructure | 03/18/2021 | Complete |
| 03/23/2021 | Schmitz, Sara | Silver and Gold Card Holder List | 03/23/2021 | Complete |
| 03/23/2021 | Katz, Aaron | EXL Media Invoices since 07/08/2020 | 03/24/2021 | Complete |
| 03/23/2021 | Katz, Aaron | EXL Media Contract (current) | 03/26/2021 | Complete |
| 03/25/2021 | Katz, Aaron | Question regarding August-October EXL Media Invoices | 03/26/2021 | Complete |
| 03/25/2021 | Katz, Aaron | Rocky Mountain Lift expenses | 04/05/2021 | Complete |
| 03/27/2021 | Katz, Aaron | Letter re: Tyrolian Village | 04/05/2021 | Complete |
| 03/31/2021 | Katz, Aaron | Costs to ship old ski uniforms to NSAA | 04/05/2021 | Complete |
| 04/09/2021 | Katz, Aaron | IVCBA Membership (reference 01/18/2021 entry) | 04/14/2021 | Complete |

Federal Affairs Report for the Incline Village General Improvement District March 23, 2021

Congressional Activity Related to Incline Village Fire Protection Act

January marked the start of a new Congress, which means all legislation from the two previous years needs to be reintroduced. In January, Marcus G. Faust, P.C. met with the office of Sen. Jacky Rosen and Cong. Mark Amodei regarding the reintroduction of the Incline Village Fire Protection Act. This legislation will enable the Incline Village General Improvement District (IVGID) to continue to protect its residents and the Incline Village High School from the threat of wildfire in the Lake Tahoe basin. The bill conveys 13 acres to IVGID for the primary purpose of conducting fire risk reduction activities and other public purposes. The bill enjoys the support of the Nevada Delegation.

With Cong. Amodei and Senators Cortez Masto and Rosen being in the minority for each chamber, Nevada had few opportunities to advance the numerous public land priorities in the 116th Congress. Thus, Cong. Amodei packaged the IVGID bill along with other Northern county lands priorities into one package. As opportunities arose, we ensured that the Incline Village Fire Protection Act could be included in all possible vehicles. In the House of Representatives, the bill was included in two legislative vehicles:

- 1) Northern Nevada Economic Development and Conservation Act of 2020 (H.R. 6228)
- 2) Northern Nevada Economic Development, Conservation and Military Modernization Act of 2020 (H.R. 6889)

The difference between these two bills is that H.R. 6889 proposed a legislative solution for the expansion of Fallon Naval Air Base. Cong. Amodei and Senators Cortez Masto and Rosen worked with the surrounding communities, environmental groups, the state, and tribal governments all of which opposed the military's solution for expansion. The benefit of attaching the Incline Village Fire Protection Act and other county bills to H.R. 6889 was that, if approved, the bill could be incorporated into the National Defense Authorization Act (NDAA).

The NDAA is considered a "must pass" bill every year providing a great opportunity for the Incline Village Fire Protection Act to become law along with these other bills. This was especially crucial in an election year. MGFPC also coordinated with the public lands subcommittee on the House Natural Resources Committee to support both H.R. 6228 and H.R. 6889, allowing each bill package to advance if given the opportunity. Cong. Amodei worked with the Committee to include a "placeholder" amendment in the House NDAA bill by extending the status quo for Fallon Naval Air Base.

In order to garner additional tribal and environmental support, Senator Cortez Masto proposed a much narrower draft bill to expand the Fallon Naval Air Station. The Cortez Masto bill dropped most of the provisions of H.R. 6889, including the IVGID, Carson City County and Washoe County parcels. The bill focused on adding 156,000 acres of national conservation areas, designating more than 331,000 acres of wilderness and it banned oil and gas in the Ruby Mountains. The bill required the Navy to hire three full-time tribal liaisons. It also included language to preserve about 79,000 acres of federally managed land for the Fallon Paiute Shoshone Tribe and required that 11,000 acres be held in trust including the tribe's

origin site within the Stillwater Range. The Walker River Paiute Tribe would receive a \$20 million upfront payment from the Navy for contamination from ordinance activities and convey about 9,000 acres of public land to the tribe. Despite these efforts, the Fallon Tribe remained opposed to any expansion.

During the Lame Duck Session, Cong. Amodei worked with the hope that Northern package could achieve the necessary community and tribal support for the House Democrat majority to include H.R. 6889 in the NDAA bill. Due to the continued tribal opposition, neither the House nor Senate legislative alternatives for the Fallon military expansion obtained the necessary support to be added to the NDAA bill.

Congressional and Agency Outreach on Effluent Export Pond Lining and Pipeline Projects

Marcus G. Faust, P.C. (MGFPC) has been working with Incline Village General Improvement District to ensure that U.S. Army Corps of Engineers (Corps) continues to be an active partner and fund the Effluent Export Pond Lining Project and the remaining phase of the Effluent Export Pipeline Project at Incline Village.

Status of Agreement for Effluent Export Pond Lining Project - \$2.7 million

MGFPC has been in continued communication with Laura Whitney, Project Manager for the Sacramento District, which oversees the Section 595 Rural Nevada Program. The Corps was able to allocate funds from another wastewater infrastructure project in Washoe County that was closed out to the pond lining activities. That require IVGID to enter into a project partnership agreement with the Corps. The Pond Lining Project has the federal funding in place to proceed with construction once the agreement is finalized. On December 4, MGFPC received the draft model agreement. IVGID has provided the USACE the scope of work and updates to the agreement. Unfortunately, the Corps is still “reviewing” the agreements and we understand may not finalize them for a few months. Some of the reasons given have been the change in Administration and COVID-19 has delayed agency review.

Status of Agreement to Construct Remaining Phase Effluent Export Pipeline Project

Laura Whitney coupled the pipeline project agreement with the pond lining agreement, which is experiencing ongoing delays in agency review. Last year, we learned IVGID could begin preconstruction activities on Phase 3 and be reimbursed later from the Corps by amending the current PPA. It will be up to IVGID to document all activities to submit for reimbursement. In addition, MGFPC identified Section 595 Rural Nevada funds that could be allocated to Phase 3. The unspent federal funds come from projects in Nevada that were appropriated funding through the Rural Nevada program, but are being closed out in 2020. This was confirmed with the Corps and could provide up to \$10 million for the pipeline project. Additional funding has also now become available. While this initial federal funding does not cover the entire federal share needed for the project, MGFPC’s work to with the Corps to identify unspent monies on closed projects within Nevada is very promising. The recent changes made by the Corps to the Model Section 595 Agreement have been reviewed by IVGID and the Corps has requested additional details on the Scope of Work statement and other sections. These revisions to the agreement have pushed back its execution by 90 days. MGFPC will continue to advocate for ongoing funding of the Section 595 program in the annual appropriations process for fiscal year 2022.

Federal Funding for Water Infrastructure

Congress authorized funding through the Lake Tahoe Restoration Act (LTRA) for municipal water infrastructure upgrades to help with firefighting around the Lake Tahoe Basin. Since LTRA passed in 2016,

Congress has yet to appropriate money to water infrastructure through that specific program authorization. In partnership with the Tahoe Water for Fire Suppression Partnership led by South Tahoe PUD and the Tahoe Regional Planning Authority (TRPA), IVGID joined these partners in supporting \$9 million for water infrastructure for fiscal year 2021. In its final bill, Congress appropriated \$16 million to the Tahoe basin for LTRA activities overall. The Committee report was clear that the USFS needs to prioritize resilient water infrastructure investment and protect the basin from the threat of wildfire.

Congress has begun its appropriations process for fiscal year 2022. MGFPC will advocate and pursue robust funding for those water infrastructure projects contained in the LTRA 2021 environmental improvement list that includes water infrastructure projects in Incline Village. We are coordinating a joint strategy with TRPA and STPUD. MGFPC will also advocate for additional funding for the Section 595 Rural Western Water program through the U.S. Army Corps' construction budget.

| DATE | DAY OF THE WEEK | TIME | LOCATION | TYPE OF MEETING - 2021 | COMPLETED MEMORANDUMS WITH ALL BACK UP MATERIALS FOR AGENDA ITEMS FROM BOARD MEMBERS/STAFF DUE DATES | ITEMS SLATED FOR CONSIDERATION |
|-------|-----------------|---|---------------------|---|--|--|
| 05/05 | Wednesday | 3:30 p.m. | | Special Board Meeting | 04/26/2021 8 a.m. | Budget Workshop Resolution Number X: A Resolution primarily approving the report for collection of Recreation Standby and Service Charges per parcel of \$830 with beach privileges and \$650 with beach privileges, Fiscal Year 2021-2022 and setting the public hearing date for Wednesday, May 26, 2021 at 6 p.m. |
| 05/12 | Wednesday | 6 p.m. | | Regular Board Meeting | 05/03/2021 8 a.m. | Review and discuss the District's 3 rd Quarter Financial Report (Requesting Staff Member: Director of Finance Paul Navazio) Public Records Update (in GM report) Initial presentation: Effluent Export Pipeline Project (Underwood) Presentation, discussion and possible direction on employee beach access (Nelson) Correspondence in Board packet – Chairman Callicrate |
| 05/13 | Thursday | 5:30 to 7:30 p.m. | ZOOM and Livestream | GM's Ordinance 7 Community Virtual Forum | | INFORMATIONAL ENTRY ONLY |
| 05/19 | Wednesday | 12 noon to 2 p.m. AND 5:30 to 7:30 p.m. | ZOOM and Livestream | GM's Ordinance 7 Community Virtual Forum – Two on this date | | INFORMATIONAL ENTRY ONLY |
| 05/26 | Wednesday | 6 p.m. | | Regular Board Meeting | 05/17/2021 8 a.m. | Adoption FY2021/22 Budget (incl. Public Hearing) Approval of Rec Roll – FY2021/22 (incl. Public Hearing) |
| 06/09 | Wednesday | 6 p.m. | | Regular Board Meeting | 05/31/2021 8 a.m. | Public Records Update (in GM report) Appointment of an Audit Committee At-Large Member (Policy 15.1.0) for a one year term Raftelis Final Report (tentative date) Approval: Effluent Export Pipeline Project (Underwood) Early Opening of and Authorize the 2021 Waterline Improvement Construction Contract (Chorey) – work starting 7/1 Early Opening of and Authorize Rec Center Locker Room Improvements Construction Contract (Chorey) – work starting 7/1 |
| TBD | TBD | TBD | | Audit Committee Meeting | | Procedural changes to the Internal Controls Management review of the items requested for action Policy 15.1.0 |
| TBD | TBD | TBD | | Special Board Meeting | | GM's Ordinance 7 Committee recommendations |
| 07/14 | Wednesday | 6 p.m. | | Regular Board Meeting | 07/05/2021 8 a.m. | Public Records Update (in GM report) |
| 07/29 | Thursday | 6 p.m. | | Regular Board Meeting | 07/20/2021 8 a.m. | 4th Quarter Financial Report (tentative) |
| 08/11 | Wednesday | 6 p.m. | | Regular Board Meeting | 08/02/2021 8 a.m. | Public Records Update (in GM report) |
| 08/26 | Thursday | 6 p.m. | | Regular Board Meeting | 08/17/2021 8 a.m. | General Manager Performance Review and Review of Goals for FY 2020/2021 |
| 09/08 | Wednesday | 6 p.m. | | Regular Board Meeting | 08/30/2021 8 a.m. | Public Records Update (in GM report) |
| 09/30 | Thursday | 6 p.m. | | Regular Board Meeting | 09/21/2021 8 a.m. | |
| 10/13 | Wednesday | 6 p.m. | | Regular Board Meeting | 10/04/2021 8 a.m. | Public Records Update (in GM report) |
| 10/28 | Thursday | 6 p.m. | | Regular Board Meeting | 10/19/2021 8 a.m. | |
| 11/10 | Wednesday | 6 p.m. | | Regular Board Meeting | 11/01/2021 8 a.m. | Public Records Update (in GM report) |
| 12/08 | Wednesday | 6 p.m. | | Regular Board Meeting | 11/29/2021 8 a.m. | Public Records Update (in GM report) |

| |
|---|
| <i>Items sitting in the parking lot (to be discussed but (a) not yet scheduled for a specific Regular Board Meeting) or (b) a future Board not on this calendar</i> |
| RFID Picture Passes – Item for next Strategic Plan or three years from now – software not available nor is infrastructure/hardware |
| TRPA EIS Contract at Diamond Peak |
| Revisions to/Split Ordinance 7 (allow 45 days ahead of action) |
| Review of the Washpad Project (see award made on 06/23/2020) |
| Next step on Incline Beach House |
| Report on audit of selected parcels (Trustee Schmitz asked when that was going to come forward on 3/31) |
| Report on audit of recreation and beach fees (request made at 12/9/2020 meeting) |
| Central services allocation (Navazio) (reminder at 3/31/2021 meeting) |
| Tyler Technologies project status report (request made at 01/13/2021 meeting) |
| Possible discussion on IVGID needs as it relates to potential land use agreement with DPSEF (Request by Trustee Schmitz – 01/18/2021) |
| Utility Rate Study (see minutes of 1/13/2021) – award of contract to Raftelis was made |
| Develop a policy and criteria for Professional Services (see Moss Adams 1 Report) (Request by Trustee Schmitz – 03/10/2021) |
| Framework for pricing across the District (Request by Trustee Schmitz – 03/10/2021) |
| Tax implications for benefits for employees (Request by Trustee Schmitz – 03/10/2021 – District General Counsel Nelson is working on an opinion) |
| Review of service levels – Golf will be coming first – date to be determined |

*Budget approval is required after the third Monday however whatever date is selected, a 10-day notice must be given. Must accomplished no later than June 1, 2021.

MEMORANDUM

TO: Board of Trustees

THROUGH: Indra Winqest
District General Manager

FROM: Brad Underwood, P.E.
Director of Public Works

Nathan Chorey, P.E.
Engineering Manager

SUBJECT: Review, Discuss, and Possibly Authorize or approve:

- (A) Four contracts for the Burnt Cedar Swimming Pool and Site Improvement Project - Fund: Beaches; Project 3970BD2601. Vendor: CORE Construction in the amount of \$3,845,865 which includes adding alternates #1, #2, #3, #4, Tri-Sage Consulting in the amount of \$69,500, Reno Tahoe Geo Associates, Inc. in the amount of \$21,000, TSK Architects in the amount of \$105,680;
- (B) Resolution Number 1886 authorizing a budget augmentation of \$174,000 and budget reallocation of \$214,190 in support of the Burnt Cedar Swimming Pool Renovation Project

STRATEGIC PLAN: Long Range Principle 5 – Assets and Infrastructure

DATE: April 21, 2021

I. RECOMMENDATION

That the Board of Trustees moves to:

1. Award a guaranteed maximum price construction contract to CORE Construction in the amount of \$3,749,404, consisting of a \$3,508,440 base contract and \$240,964 for CMAR Contingency and allowances, for construction of the for the Burnt Cedar Swimming Pool and Site Improvement Project.

2. Award add alternates #1, #2, #3 and #4 to CORE Construction in the amount of \$96,461 for the Burnt Cedar Swimming Pool and Site Improvement Project.
3. Authorize Chair and Secretary to execute the contract based on a review by General Counsel and Staff.
4. Authorize Staff to approve all change orders associated with the contract and the CMAR contingency and allowances.
5. Authorize Staff to utilize construction reserves for additional work, permit fees, and District furnished material/Furniture, Fixtures and Equipment (FFE) up to \$160,000.
6. Authorize Staff to enter into a Short Form Agreement with Tri-Sage Consulting in the amount of \$69,500 for services during construction of the project.
7. Authorize Staff to enter into an Additional Services Addendum with Reno Tahoe Geo Associates, Inc. in the amount of \$21,000 for services during construction of the project.
8. Authorize Staff to enter into an Additional Services Addendum with TSK Architects in the amount of \$105,680 for services during construction of the project.
9. Approve Resolution Number 1886 authorizing a budget augmentation of \$174,000 available resources within the Beach Capital Fund, and reallocation of \$214,190 from current year Beach Capital Projects in support of the Burnt Cedar Swimming Pool Renovation Project.

II. DISTRICT STRATEGIC PLAN

Long Range Principle #5 – Assets and Infrastructure – The District will practice perpetual asset renewal, replacement, and improvement to provide safe and superior long term utility services and recreation activities.

- The District will maintain, renew, expand, and enhance District infrastructure to meet the capacity needs and desires of the community for future generations.
- The District will maintain, procure, and construct District assets to ensure safe and accessible operations for the public and the District's workforce.

III. BACKGROUND

The Burnt Cedar swimming pools were originally constructed in 1968 and include a 25-meter (82-ft) x 42-ft lap pool and a 24-ft diameter wading pool. In 1980, the pools were renovated to replace all the copper piping with PVC piping and refinishing the pool surface. Since then there have been minor upgrades to the equipment and mechanical systems but the dated design and skimmer water collection system no longer perform to industry standards. During periods of peak use the swimming pool occasionally needs to close due to cloudy water which can be attributed to sunscreen use and inadequate turnover rates. For these reasons a need to renovate the existing pools was identified and a capital improvement project was established.

At the September 25, 2019 Board Meeting, the Burnt Cedar Swimming Improvement Pool Project was identified as a Community Service Master Plan Priority Project (Top Tier Recommendation) by the District Board of Trustees.

At the August 12, 2020 Board of Trustees meeting, the Board of Trustees selected a preferred conceptual design option and authorized Staff to solicit a proposal for design services for the Burnt Cedar Swimming Pool Improvement Project. The estimated total project cost for the preferred alternative was \$5,577,677 (Option #1 with no fix shade structures).

At the September 30, 2020 Board of Trustees meeting, the Board of Trustees discussed the project delivery method and the majority supported the use of a Construction Manager-At-Risk (CMAR).

At the November 18, 2020 Board of Trustees meeting, the Board of Trustees provided feedback on the schematic design of the Burnt Cedar Swimming Pool Improvement Project.

At the December 9, 2020 Board of Trustees meeting, the Board of Trustees received a schematic design cost estimate from the CMAR and authorized final design contract with TSK Architects. Throughout final design, CORE Construction worked with District Staff, the Architectural Design Team, and Cummings (third party cost estimator), to develop, estimate, and provide design input for the reconstruction of Burnt Cedar Pool and associated site improvements. CORE Construction was also responsible for the publicly competitive bidding aspect for all subcontracts associated with completing the work.

The CMAR preconstruction phase culminated in the open book development and negotiation of a guaranteed maximum price (GMP) contract to complete construction of the project. The GMP is a cost plus fee contract developed

consistent with the requirements of NRS 338.169. The District pays the direct cost for work performed on the project plus an allowable overhead and profit mark-up fee for labor, materials, products, construction equipment, and subcontractors. Project accounting shall be open book subject to review by the District and, if requested by the District, audit by third party.

For this contract, CORE Construction committed to an 3.95% fee during the competitive CMAR selection process. Additionally, any savings between the actual price to complete the work and the guaranteed maximum price goes to the District.

The project is anticipated to commence on May 3, 2021 and be substantially complete by May 24, 2022 in time to open for the 2022 Burnt Cedar Beach pool season.

IV. BID RESULTS

The District publicly advertised this project for CMAR services consistent with the requirements of NRS 338.169 in July 2020 and signed a preconstruction phase scope of work on December 2020 with the intent of reaching an acceptable GMP. Consistent with the requirements of NRS 338.169, CORE Construction advertised and publicly bid subcontracts for earthwork, landscaping, fencing, concrete, masonry, and swimming pools.

The contracts with Tri-Sage Consulting, Reno Tahoe Geo Associates, and TSK Architects are not subject to competitive bidding within the meaning of NRS 332.115 as described in subsection (b) Professional Services.

Per NRS 625.530, selection of a professional engineer to perform work on public works projects (where the complete project costs exceed \$35,000) is to be made solely on the basis of the competence and qualifications of the engineer and not on the basis of competitive fees.

Tri Sage has previously worked for the District providing construction management and owner's representative services on the 2014, 2015, 2016, 2017, and 2020 Watermain Replacement Projects, the Spooner Pump Station Improvements Project, Diamond Peak Incline Creek Culvert Rehabilitation Project, the Burnt Cedar Water Disinfection Plant Improvements Project, the Water Pump Station 4-1/5-3 Improvements Project, and the Public Works Equipment Storage Building Project.

Reno Tahoe Geo Associates has previously worked for the District providing geotechnical investigative reports and material testing services on the 2020

Watermain Replacement Project, Preston Field Retaining Wall Replacement Study, and Burnt Cedar Swimming Pool Improvement Project.

TSK Architects were selected following a request for proposals for qualified architectural consulting firms for involvement in IVGID’s Burnt Cedar Swimming Pool Improvement Project. After an extensive evaluation period and interview process that included four (4) IVGID staff members and one (1) IVGID Trustee, the TSK Architects’ design team was selected and awarded a preliminary design contract on May 20, 2020.

V. FINANCIAL IMPACT AND BUDGET

The approved FY 2020-2021 budget originally included \$225,000 for the design phase of the Burnt Cedar Pool Improvement Project. At the December 9, 2020 Board Meeting, Resolution No. 1882 was approved to augment the FY2020/21 capital budget by \$258,289 from available resources within the unappropriated fund balance of the Beach Capital Fund, in support of the Burnt Cedar Swimming Pool Improvement Project (CIP#3970BD2601). There is an additional \$4,350,000 programmed for this project in the Tentative 2021/2022 Capital Improvement Program Budget (see attached data sheet).

The following table outlines the total project budget, funded through the Beach Fund and related Beach Capital Fund.

Total Available Budget

| Description | Amount | Fund |
|------------------------------------|--------------------|---------------|
| 3970BD2601 – FY20/21 Funds | \$225,000 | Beach Capital |
| Budget Augmentation (Res No. 1882) | \$258,289 | Beach Capital |
| 3970BD2601 – FY21/22 Funds | \$4,350,000 | Beach Fund |
| Total Available Budget | \$4,833,289 | |

The table below presents the estimated cost for the Burnt Cedar Swimming Pool and Site Improvement Project budget, based on the Guaranteed Maximum Price received and the recommendations related to Add-Alternate project elements:

Estimated Project Budget

| Description | Amount |
|---|--------------------|
| TSK Architects Conceptual design fees (not to exceed) | \$32,200 |
| TSK Architects Schematic design fees (not to exceed) | \$68,104 |
| TSK Architects Final design fees (not to exceed) | \$216,626 |
| Reno Tahoe Geo Associates (not to exceed) | \$20,700 |
| CMAR pre-construction fees | \$37,500 |
| District staff time during design, 3 rd part cost estimator, permit fees, and miscellaneous project expenses (Period 7/1/19 – 4/15/21) | \$100,000 |
| Design Phase sub-total | \$475,130 |
| CMAR Construction Base Contract (CORE Construction) | \$3,508,440 |
| Alternates #1, #2, #3, and #4 | \$96,461 |
| CMAR Contingency and Allowances | \$240,964 |
| Total Guaranteed Maximum Price Contract | \$3,845,865 |
| Construction Administration (TSK Architects) | \$105,680 |
| Construction Inspection Services (Tri Sage) | \$69,500 |
| Special Inspection and Materials Testing (Reno Tahoe Geo Associates, Inc.) | \$21,000 |
| District Staff Time | \$75,000 |
| IVGID Construction Reserves (Additional work, Permit fees, and District furnished material/FFE) | \$175,000 |
| Construction Administration sub-total | \$446,180 |
| Estimated Project Total | \$4,767,175 |

IVGID Construction reserves are to account for permit fees, deferred submittals, and certain project elements have been removed from the construction contract and will be completed outside of the construction contract. For instance, a TRPA requirement to paint the exterior of the Burnt Cedar Pool Building will be outside of the CMAR contract. District furnished material / Furniture, Fixture, and Equipment (FFE) includes pool elements, security cameras, and patio furniture, as examples.

The estimated project cost estimate for the Burnt Cedar Swimming Pool and Site Improvement Project is \$4,767,175, or \$66,114 below the total available budget. Upon project completion, all savings will revert to fund balance and be available for re-appropriation for future capital projects, subject to Board approval.

As the recommended contract awards represent an “early award” of contracts for construction of a capital project whose construction funding is included in the FY2021/22 capital program budget, a budget augmentation as well as a reallocation of existing Beach capital project appropriations is proposed to cover initial construction costs for the Burnt Cedar Swimming Pool Renovation Project.

A resolution has been prepared for Board consideration which, if approved, would provide for a budget augmentation of \$174,000 from available resources (as defined in NAC 354.410), and a reallocation of an additional \$214,190 from existing appropriations within FY2020/21 the Beach capital budget from projects whose funding is currently projected to be carried-over to next fiscal year. These projects include:

| | |
|--------------------------------------|--------------|
| Incline Beach Facility Replacement | \$100,000 |
| Beaches Flatscape and Retaining Wall | 55,000 |
| Burnt Cedar Dumpster Enclosure | 32,190 |
| Pavement Maintenance – Burnt Cedar | 12,500 |
| Replace Playground – Beaches | 7,500 |
| Beach Furnishings | <u>7,000</u> |
| | \$ 214,190 |

The resolution would also authorize the restoration of the above funding to through new appropriations in the Final FY2021/22 Capital Budget as well as an equivalent reduction in funding currently included in the FY2021/22 Tentative Budget for the Burnt Cedar Swimming Pool Renovation Project. The net effect of the proposed budget reallocations is to advance funding included in the FY2021/22 capital budget for the pool renovation project.

VI. ALTERNATIVES

1. Authorize only the CMAR Construction Base Contract and CMAR Contingency and Allowances at a cost of \$3,749,404.
2. Authorize Base Bid and a different combination of add alternates. The construction contract amount would vary depending on add alternates selected.
3. Not authorize the construction and defer Burnt Cedar Swimming Pool and Site Improvement Project to a future date.
 - a. Note: It is unclear how much longer the existing Burnt Cedar Pool will continue to operate in its current condition.

VII. BUSINESS IMPACT

This item is not a "rule" within the meaning of Nevada Revised Statutes, Chapter 237, and does not require a Business Impact Statement.



Project Summary

| | |
|-------------------------|---|
| Project Number: | 3970BD2601 |
| Title: | Burnt Cedar Swimming Pool and Site Improvements |
| Project Type: | D - Capital Improvement - Existing Facilities |
| Division: | 70 - Beach Aquatics |
| Budget Year: | 2022 |
| Finance Options: | |
| Asset Type: | BD - Buildings & Structures |
| Active: | Yes |

| | | | | |
|---|----------------------|-----------------------------|---------------------|------------------------|
| Project Description | | | | |
| <p>The Burnt Cedar Swimming Pool and Toddler pool fiberglass surfaces require periodic replacement. Over time, discoloration, cracking and surface failure will create health and safety impacts to continued use of the pools. Breakdown of the pool surface will allow materials to cloud the water and make it unsanitary and cloudy water will not meet health dept safety code requirements. It has been determined the pool has reached the end of its service life. This project is for full swimming and toddler pool replacement, associated mechanical systems improvements, pool deck replacement, and other site improvements.</p> <p>An architectural consultant is in the process of completing the final construction documents.</p> | | | | |
| Project Internal Staff | | | | |
| <p>Engineering will manage the project. The Director of Parks and Recreation will determine the needs for the project and coordinate project timing because the pool will need to be out of service during the summer season to complete the work. A community interest committee will be convened by the General Manager.</p> | | | | |
| Project Justification | | | | |
| <p>This project will reconstruct the swimming and toddler pool, mechanical equipment, and pool deck. The cost estimate is based on the February 2021 cost estimate from the Construction Manager at Risk. It is anticipated at this time that construction will occur in the summer of 2021. The impacts on the facility will be substantial during the summer operation period. Construction will require the closing of the pool facility for the whole summer or a portion of the summer.</p> | | | | |
| Forecast | | | | |
| Budget Year | Total Expense | Total Revenue | Difference | |
| 2022 | | | | |
| Construction Management | 200,000 | 0 | 200,000 | |
| Construction Reserves/Internal Services | 250,000 | 0 | 250,000 | |
| Placeholder - Construction | 3,900,000 | 0 | 3,900,000 | |
| Year Total | 4,350,000 | 0 | 4,350,000 | |
| | 4,350,000 | 0 | 4,350,000 | |
| Year Identified | Start Date | Est. Completion Date | Manager | Project Partner |
| 2012 | Jul 1, 2019 | Jun 30, 2022 | Engineering Manager | |



RESOLUTION NO. 1882

A RESOLUTION OF THE BOARD OF TRUSTEES AUGMENTING THE DISTRICT'S FISCAL YEAR 2020/21 BUDGET TO APPROPRIATE \$258,289 IN AVAILABLE RESOURCES FROM THE BEACH CAPITAL FUND (FUND 590) TO THE BURNT CEDAR SWIMMING POOL RENOVATION PROJECT (CIP# 3970BD2601) TO PROVIDE FUNDING FOR DESIGN CONTRACT WORK

RESOLVED, by the Board of Trustees of the Incline Village General Improvement District, Washoe County, Nevada, that

WHEREAS, the Board of Trustees has established the Burnt Cedar Swimming Pool Renovation Project (CIP#3970BD2601) as a priority project and funding to support the project is included in the adopted Five-Year Capital Improvement Plan; and

WHEREAS, the FY2020/21 approved budget includes \$225,000 for planning and design work expected to be undertaken in the current fiscal year; and

WHEREAS, the Board of Trustees has approved a revised and expanded project scope for the Burnt Cedar Swimming Pool Renovation Project whereby additional funding is needed support the design contract for the project; and

WHEREAS, Nevada Revised Statutes (NRS) 354.598005 provides procedures and requirements for augmentation of local agency budgets, including the requirement that budget augmentations within Special Revenue funds require the governing body to adopt a formal resolution authorizing the budget augmentation from available resources, as defined; and

WHEREAS, the Nevada Administrative Code 354.410 provides for definition of "available resources" for budget augmentation to include an unappropriated ending balance of a fund for capital projects." And

WHEREAS, the District's Beach Capital Fund (Fund 590) reflects an unappropriated fund balance, as reported to the Department of Taxation on Form 4404LGF, which constitutes available resources to support this budget augmentation; and

WHEREAS, an additional appropriation of \$258,289 is required in order for the District to execute the design contract for the Burnt Cedar Swimming Pool Renovation Project;



RESOLUTION NO. 1882

A RESOLUTION OF THE BOARD OF TRUSTEES AUGMENTING THE DISTRICT'S FISCAL YEAR 2020/21 BUDGET TO APPROPRIATE \$258,289 IN AVAILABLE RESOURCES FROM THE BEACH CAPITAL FUND (FUND 590) TO THE BURNT CEDAR SWIMMING POOL RENOVATION PROJECT (CIP# 3970BD2601) TO PROVIDE FUNDING FOR DESIGN CONTRACT WORK

NOW, THEREFORE, IT IS ORDERED, as follows:

1. Incline Village General Improvement District Board of Trustees authorizes a budget augmentation of \$258,289 from available resources, as defined, within the Beach Capital Improvement Fund (Fund 590) to provide for a supplemental appropriation to the FY2020/21 project budget for the Burnt Cedar Swimming Pool Renovation Project (CIP #3970BD2601).

* * * * *

I hereby certify that the foregoing is a full, true and correct copy of a resolution duly passed and adopted at a regularly held meeting of the Board of Trustees of the Incline Village General Improvement District on the 9th day of December, 2020, by the following vote:

AYES, and in favor thereof, Trustees Tim Callicrate, Sara Schmitz,
Matthew Dent, Kendra Wong, and Peter
Morris

NOES, None
ABSENT, None

/s/ Kendra Wong
Kendra Wong
Secretary, IVGID Board of Trustees



RESOLUTION NO. 1886

A RESOLUTION OF THE BOARD OF TRUSTEES AUGMENTING THE DISTRICT'S FISCAL YEAR 2020/21 BUDGET TO APPROPRIATE \$174,000 IN AVAILABLE RESOURCES FROM THE BEACH CAPITAL FUND (FUND 590), AND REALLOCATE \$214,190 OF EXISTING BEACH CAPITAL BUDGET APPROPRIATIONS TO THE BURNT CEDAR SWIMMING POOL RENOVATION PROJECT (CIP# 3970BD2601) TO PROVIDE FUNDING FOR COMMENCEMENT OF CONSTRUCTION WORK IN THE CURRENT FISCAL YEAR

RESOLVED, by the Board of Trustees of the Incline Village General Improvement District, Washoe County, Nevada, that

WHEREAS, the Board of Trustees has established the Burnt Cedar Swimming Pool Renovation Project (CIP#3970BD2601) as a priority project and funding to support the project is included in the adopted Five-Year Capital Improvement Plan; and

WHEREAS, the original FY2020/21 approved budget included \$225,000 for planning and design work expected to be undertaken in the current fiscal year; and

WHEREAS, at their meeting of December 9, 2020 the Board of Trustees approved Resolution No. 1882 to augment the project budget by \$258,289 to supplement funding to complete the pre-design phase of the project; and

WHEREAS, at same meeting of December 9, 2021, the Board of Trustees approved a CMAR delivery method and authorized staff to solicit proposals and negotiate a guaranteed maximum price (GMP) contract to complete construction of the project, consistent with the requirements of NRS 338.169; and

WHEREAS, the funding for construction phase of the Burnt Cedar Renovation Project in the amount of \$4,350,000, is included in the District's Capital Improvement Program for Fiscal Year 2021/22; and

WHEREAS, the Board intends to award contracts and commence construction of the Burnt Cedar Pool Renovation Project in the current fiscal year; and



RESOLUTION NO. 1886

A RESOLUTION OF THE BOARD OF TRUSTEES AUGMENTING THE DISTRICT'S FISCAL YEAR 2020/21 BUDGET TO APPROPRIATE \$174,000 IN AVAILABLE RESOURCES FROM THE BEACH CAPITAL FUND (FUND 590), AND REALLOCATE \$214,190 OF EXISTING BEACH CAPITAL BUDGET APPROPRIATIONS TO THE BURNT CEDAR SWIMMING POOL RENOVATION PROJECT (CIP# 3970BD2601) TO PROVIDE FUNDING FOR COMMENCEMENT OF CONSTRUCTION WORK IN THE CURRENT FISCAL YEAR

WHEREAS, Nevada Revised Statutes (NRS) 354.598005 provides procedures and requirements for augmentation of local agency budgets, including the requirement that budget augmentations within Special Revenue funds require the governing body to adopt a formal resolution authorizing the budget augmentation from available resources, as defined; and

WHEREAS, the Nevada Administrative Code 354.410 provides for definition of "available resources" for budget augmentation to include an unappropriated ending balance of a fund for capital projects." And

WHEREAS, the District's Beach Capital Fund (Fund 590) reflects an unappropriated fund balance, as reported to the Department of Taxation on Form 4404LGF, which constitutes available resources to support this budget augmentation; and

WHEREAS, additional funding from existing Beach Fund capital budget appropriations currently proposed for carry-over to fiscal year 2021/22 are available to be re-allocated to the Burnt Cedar Swimming Pool Renovation Project to support costs anticipated to be incurred in the current fiscal year;

NOW, THEREFORE, IT IS ORDERED, as follows:

1. Incline Village General Improvement District Board of Trustees authorizes a budget augmentation of \$174,00 from available resources, as defined, within the Beach Capital Improvement Fund (Fund 590) to provide for a supplemental appropriation to the FY2020/21 project budget for the Burnt Cedar Swimming Pool Renovation Project (CIP #3970BD2601), and



RESOLUTION NO. 1886

A RESOLUTION OF THE BOARD OF TRUSTEES AUGMENTING THE DISTRICT'S FISCAL YEAR 2020/21 BUDGET TO APPROPRIATE \$174,000 IN AVAILABLE RESOURCES FROM THE BEACH CAPITAL FUND (FUND 590), AND REALLOCATE \$214,190 OF EXISTING BEACH CAPITAL BUDGET APPROPRIATIONS TO THE BURNT CEDAR SWIMMING POOL RENOVATION PROJECT (CIP# 3970BD2601) TO PROVIDE FUNDING FOR COMMENCEMENT OF CONSTRUCTION WORK IN THE CURRENT FISCAL YEAR

2. Incline Village General Improvement District Board of Trustees further authorizes re-allocation of \$214,190 in appropriations provided in the current fiscal year budget, as follows, to augment funding for the Burnt Cedar Swimming Pool Renovation Project (CIP #3970BD2601):

| | |
|--------------------------------------|-------------|
| Incline Beach Facility Replacement | (\$100,000) |
| Beaches Flatscape and Retaining Wall | (\$ 55,000) |
| Burnt Cedar Dumpster Enclosure | (\$ 32,190) |
| Pavement Maintenance – Burnt Cedar | (\$ 12,500) |
| Replace Playground – Beaches | (\$ 7,500) |
| Beach Furnishings | (\$ 7,000) |

3. Incline Village Board of Trustees further authorizes the funding being re-allocated from appropriations currently proposed for carry-forward to next fiscal year's capital budget be added to the new funding to be included in the FY2021/22 capital budget, and an equivalent funding (\$214,190) be reduced from the current proposed funding, included in the Tentative Budget in support of the Burnt Cedar Swimming Pool Renovation Project.

* * * * *

I hereby certify that the foregoing is a full, true and correct copy of a resolution duly passed and adopted at a regularly held meeting of the Board of Trustees of the Incline Village General Improvement District on the 9th day of December, 2020, by the following vote:



RESOLUTION NO. 1886

A RESOLUTION OF THE BOARD OF TRUSTEES AUGMENTING THE DISTRICT'S FISCAL YEAR 2020/21 BUDGET TO APPROPRIATE \$174,000 IN AVAILABLE RESOURCES FROM THE BEACH CAPITAL FUND (FUND 590), AND REALLOCATE \$214,190 OF EXISTING BEACH CAPITAL BUDGET APPROPRIATIONS TO THE BURNT CEDAR SWIMMING POOL RENOVATION PROJECT (CIP# 3970BD2601) TO PROVIDE FUNDING FOR COMMENCEMENT OF CONSTRUCTION WORK IN THE CURRENT FISCAL YEAR

AYES, and in favor thereof,
NOES,
ABSENT,

Sara Schmitz
Secretary, IVGID Board of Trustees



**CMAR Contract Documents
for
BURNT CEDAR SWIMMING POOLS
IMPROVEMENT PROJECT**

IVGID Project Number 3970BD2601
PWP No. WA-2020-343

April, 2021

Prepared for:

INCLINE VILLAGE GENERAL IMPROVEMENT DISTRICT
Public Works Department

Prepared by:

INCLINE VILLAGE GENERAL IMPROVEMENT DISTRICT
Engineering Division

1220 Sweetwater Road
Incline Village, Nevada 89451

SECTION 1 – CMAR AGREEMENT

THIS AGREEMENT is dated as of the ____ day of _____ in the year 2021, by and between **Incline Village General Improvement District (IVGID)** (Owner) and **Core West, Inc., DBA CORE Construction** (CMAR Contractor or Contractor). Owner and Contractor, in consideration of the mutual covenants set forth herein, agree as follows:

ARTICLE 1 - DEFINITIONS

- 1.01 The following definitions describe the type of construction contract and general role of the CMAR Contractor:
- A. CMAR Contract – Construction Manager at Risk construction contract method that involves construction of Public Works facilities on a cost plus fee basis with a Guaranteed Maximum Price (GMP). Owner will pay Contractor the direct cost for Work performed on the Project plus allowable markups for labor, materials, products, subcontracts, construction equipment used, overhead, and profit. Project accounting by the Contractor shall be open book, subject to review by Owner and audit by 3rd party.
 - B. CMAR Contractor (or Contractor) – Responsible for constructing the Project in accordance with the Contract Documents and complying with applicable provisions of NRS 338.
 - C. Prevailing Wage: Project to be constructed is subject to the requirements and payment of State of Nevada and/or Federal Davis-Bacon Prevailing Wage to employees working at the Project Site, as applicable. The prevailing wage number assigned to this Project is PWP WA-2020-343. If Project is funded by Federal monies, current Davis Bacon wage rates will also apply.

ARTICLE 2 - WORK

- 2.01 Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows:

Demolition and reconstruction of the existing Burnt Cedar Pool to meet the needs and desires of the community. Additional improvements include pool deck replacement, ADA improvements, pool equipment upgrades, and landscaping.

ARTICLE 3 - PROJECT

- 3.01 The Project for which the Work under the Contract Documents may be the whole or only a part is generally described as follows:

Burnt Cedar Swimming Pools Improvement Project

ARTICLE 4 - ENGINEER

- 4.01 The Work has been designed by TSK Architects and IVGID Engineering. IVGID Engineering is hereinafter called Engineer. Engineer will act as Owner's representative, assumes all duties and responsibilities and has the rights and authority assigned to Engineer in the Contract Documents in connection with completion of the Work in accordance with the Contract Documents. Interpretation of design documents shall be made by the Engineer.

ARTICLE 5 - CONTRACT TIMES

5.01 Time of the Essence

A. All time limits for Project Milestones, if any, Substantial Completion, and Contract Completion, including readiness for final payment as stated in the Contract Documents, are of the essence of the Contract.

5.02 The Work elements described below shall be substantially complete according to the Project Milestone dates noted below, and be complete and ready for final payment in accordance with Paragraph 14.07 of the General Conditions by the date noted below.

This Contract is set subject to the following Project Milestone schedule:

| Project Milestone | Actual Completion Date After | Liquidated Damages |
|--|------------------------------|--------------------|
| Substantial Completion | [TBD] | \$(TBD)/day |
| Project Complete and Ready for Final Payment | [TBD] | \$(TBD)/day |

The Owner anticipates issuing the Notice to Proceed on or about [TBD].

A. The Work elements will be substantially completed by the dates specified in Paragraph 5.02 of this Agreement from the date when the contract time commences to run, as provided in Paragraph 2.03 of the General Conditions, and complete and ready for final payment in accordance with Paragraph 14.07 of the General Conditions by the date specified in Paragraph 5.02 of this Agreement.

5.03 Liquidated Damages

A. Contractor and Owner recognize that time is of the essence of this Agreement and that Owner will suffer financial loss if the Work is not completed by the dates specified in Paragraph 5.02 above, plus any extensions thereof allowed in accordance with Article 12 of the General Conditions. The parties also recognize the delays, expense, and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty), Contractor shall pay Owner the amounts shown for each day that expires after the dates specified in Paragraph 5.02 for Substantial Completion until the Work is substantially complete. To avoid liquidated damages, Contractor shall substantially complete the work prior to the dates shown for commencement of liquidated damages. After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Time or any proper extension thereof granted by Owner, Contractor shall pay Owner \$500 for each day that expires after the date specified in Paragraph 5.02 for completion and readiness for final payment until the Work is completed and ready for final payment.

ARTICLE 6 - CONTRACT PRICE

6.01 GUARANTEED MAXIMUM PRICE (GMP), Not-to-Exceed Amount of \$(TBD), which includes Construction Contingency in the amount of \$(TBD), which will be solely Owner-controlled whereby use on Project requires advance written authorization from Owner.

ARTICLE 7 - PAYMENT PROCEDURES

7.01 Submittal and Processing of Payments

- A. Contractor shall submit Applications for Payment in accordance with Article 15 of the General Conditions. Applications for Payment will indicate the amount of Contractor's fee then payable. Applications for Payment will be processed by Resident Project Representative as provided in the General Conditions.

7.02 Progress Payments; Retainage

- A. Owner shall make progress payments on account of the Contract Price on the basis of Contractor's Applications for Payment as recommended by Resident Project Representative on or about the first day of each month during construction as provided in Paragraphs 7.02.A.1 and 7.02.A.2 below. All such payments shall be based on actual direct cost of work performed plus agreed upon markups for labor, materials and products, construction equipment used, subcontracts, Contractor overhead, and profit:

1. Prior to Substantial Completion, progress payments will be made in an amount equal to ninety-five percent (95%) the Cost of Work completed (with the balance being retainage) but, in each case, less the aggregate of payments previously made and less such amounts as Owner may determine or withhold, including but not limited to liquidated damages, in accordance with Paragraph 15.06 of the General Conditions:

If the Work has been 50 percent (50%) completed as determined by Resident Project Representative, and if the character and progress of the Work have been satisfactory to Owner and Resident Project Representative, Owner, on recommendation of Resident Project Representative, may determine that as long as the character and progress of the Work remain satisfactory to them, there will be no additional retainage; and

2. Upon Substantial Completion, Owner shall pay an amount sufficient to increase total payments to Contractor to ninety-seven and one-half percent (97.5%) of the Work completed, less such amounts as Resident Project Representative shall determine in accordance with Paragraph 15.06.B of the General Conditions and less Resident Project Representative's estimate of the value of Work to be completed or corrected as shown on the tentative list of items to be completed or corrected attached to the certificate of Substantial Completion.

7.03 Final Payment

- A. Upon final completion and acceptance of the Work in accordance with Article 15 of the General Conditions, Owner shall pay the remainder of the amount due less than or equal to the Contract Price, as recommended by Resident Project Representative, as provided in said Article 15.

ARTICLE 8 - INTEREST

- 8.01 All moneys not paid when due, as provided in Article 15 of the General Conditions, shall bear interest at the rate determined in accordance with NRS 338.515.

ARTICLE 9 - CONTRACTOR'S REPRESENTATIONS

- 9.01 In order to induce Owner to enter into this Agreement Contractor makes the following representations:
- A. Contractor has examined and carefully studied the Contract Documents and the other related data identified in the Supplementary Conditions.
 - B. Contractor has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
 - C. Contractor is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, and performance of the Work.
 - D. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.
 - E. Contractor agrees to accept conditions and assignment of equipment procurement contracts executed by Owner for purchase of certain major equipment items.
 - F. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

ARTICLE 10 - CONTRACT DOCUMENTS

10.01 Contents

- A. The Contract Documents consist of the following:
 - 1. This Agreement (pages 1 to 6, inclusive).
 - 2. Performance bond.
 - 3. Payment bond.
 - 4. Application for Payment Form
 - 5. General Conditions (pages 1 to 71, inclusive).
 - 6. Supplementary Conditions (pages 1 to 19, inclusive).
 - 7. Technical Specifications, Divisions [TBD].
 - 8. Drawings consisting of X plan sheets with each sheet bearing the following general title: IVGID Burnt Cedar Pool Improvement Project. Drawings Dated: X.
 - 9. Addenda [TBD].
 - 10. Exhibits to this Agreement (enumerated as follows):
 - a. Contractor Labor Rates and Markups.
 - b. Section 7 – State of Nevada Prevailing Wage Rates, Washoe County, Current Edition as of Award date of Project.
 - 11. The following which may be delivered or issued on or after the Effective Date of the Agreement and are not attached hereto:
 - a. Notice to Proceed.
 - b. Change Order(s).

- B. The documents listed in Paragraph 10.01.A are attached to this Agreement (except as expressly noted otherwise above).
- C. There are no Contract Documents other than those listed above in this Article 10.
- D. The Contract Documents may only be amended, modified, or supplemented as provided in Paragraph 3.04 of the General Conditions.

ARTICLE 11 - MISCELLANEOUS

11.01 Terms

Terms used in this Agreement will have the meanings stated in the General Conditions and the Supplementary Conditions.

11.02 Assignment of Contract

No assignment by a party hereto of any rights under or interests in the Contract will be binding on another party hereto without the written consent of the party sought to be bound; and, specifically but without limitation, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

11.03 Successors and Assigns

Owner and Contractor each binds itself, its partners, successors, assigns, and legal representatives to the other party hereto, its partners, successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

11.04 Non-Discrimination

Contractor shall not discriminate on the basis of race, color, national origin or sex in the performance of this Contract. Contractor shall carry out applicable requirements of 40 CFR Part 33 in the award and administration of contracts awarded under EPA financial assistance agreements. Failure by the Contractor to carry out these requirements is a material breach of this Contract which may result in the termination of this Contract or other legally available remedies.

11.05 Severability

Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

11.06 Other Provisions

In the event of a dispute regarding interpretation, enforcement of, or parties' performance under this Contract, the parties shall first engage in mediation, initiated by the written request of any party. The parties agree to share equally the cost of any such mediation process; however, they agree to assume the expense of their own counsel. Venue for any mediation shall be within Douglas County, Nevada. Commencement of mediation shall not affect any of the rights or obligations of either party hereunder, all of which shall continue to be performed on a timely basis. If the dispute(s) is (are) not resolved through mediation, and is (are) litigated, the prevailing party shall be entitled to

reasonable attorney fees and costs. In the event that any action is filed in relation to the Contract, the unsuccessful party in the action shall pay to the successful party, in addition to all the sums that either party may be called on to pay, a reasonable sum for the successful party's attorney fees.

IN WITNESS WHEREOF, the parties hereto have set their hands the day and date of the year first set forth above.

OWNER:
INCLINE VILLAGE G. I. D.
Agreed to:

CONTRACTOR:
CORE WEST, INC:
Agreed to:

Tim Callicrate, Chairman

By: _____
Signature of Authorized Agent

Date

Print or Type Name and Title

Sara Schmitz, Secretary

Date

Date

If CONTRACTOR is a Corporation, attach evidence of authority to sign.

Reviewed as to Form:

CONTRACTOR'S address for giving notice:

Joshua Nelson
District Legal Counsel

Date

OWNER'S address for giving notice:
INCLINE VILLAGE G. I. D.
893 Southwood Boulevard
Incline Village, Nevada 89451
775-832-1267- Engineering Div. Phone

CONTRACTOR'S address for giving Notice
**CORE WEST, INC., DBA CORE
CONSTRUCTION**
7150 Cascade Valley Court
Las Vegas, Nevada 89128
702-794-0550 – Las Vegas Office
775-750-1776 – Reno Office

PERFORMANCE BOND

| | |
|---|--|
| <p>Contractor</p> <p>Name: _____</p> <p>Address (<i>principal place of business</i>): _____</p> | <p>Surety</p> <p>Name: _____</p> <p>Address (<i>principal place of business</i>): _____</p> |
| <p>Owner</p> <p>Incline Village General Improvement District</p> <p>Mailing address (<i>principal place of business</i>): Public Works Division; 1220 Sweetwater Road; Incline Village, NV 89451</p> | <p>Contract</p> <p>Description (<i>name and location</i>): Burnt Cedar Swimming Pool Improvement Project 665 Lakeshore Blvd., Incline Village, NV</p> <p>Contract Price: _____</p> <p>Effective Date of Contract: _____</p> |
| <p>Bond</p> <p>Bond Amount: _____</p> <p>Date of Bond: _____ <i>(Date of Bond cannot be earlier than Effective Date of Contract)</i></p> <p>Modifications to this Bond form: <input type="checkbox"/> None <input type="checkbox"/> See Paragraph 16</p> | |
| <p>Surety and Contractor, intending to be legally bound hereby, subject to the terms set forth in this Performance Bond, do each cause this Performance Bond to be duly executed by an authorized officer, agent, or representative.</p> | |
| <p>Contractor as Principal</p> | <p>Surety</p> |
| <p>_____ <i>(Full formal name of Contractor)</i></p> | <p>_____ <i>(Full formal name of Surety) (corporate seal)</i></p> |
| <p>By: _____ <i>(Signature)</i></p> | <p>By: _____ <i>(Signature)(Attach Power of Attorney)</i></p> |
| <p>Name: _____ <i>(Printed or typed)</i></p> | <p>Name: _____ <i>(Printed or typed)</i></p> |
| <p>Title: _____</p> | <p>Title: _____</p> |
| <p>Attest: _____ <i>(Signature)</i></p> | <p>Attest: _____ <i>(Signature)</i></p> |
| <p>Name: _____ <i>(Printed or typed)</i></p> | <p>Name: _____ <i>(Printed or typed)</i></p> |
| <p>Title: _____</p> | <p>Title: _____</p> |
| <p><i>Notes: (1) Provide supplemental execution by any additional parties, such as joint venturers. (2) Any singular reference to Contractor, Surety, Owner, or other party is considered plural where applicable.</i></p> | |

1. The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.
2. If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except when applicable to participate in a conference as provided in Paragraph 3.
3. If there is no Owner Default under the Construction Contract, the Surety's obligation under this Bond will arise after:
 - 3.1. The Owner first provides notice to the Contractor and the Surety that the Owner is considering declaring a Contractor Default. Such notice may indicate whether the Owner is requesting a conference among the Owner, Contractor, and Surety to discuss the Contractor's performance. If the Owner does not request a conference, the Surety may, within five (5) business days after receipt of the Owner's notice, request such a conference. If the Surety timely requests a conference, the Owner shall attend. Unless the Owner agrees otherwise, any conference requested under this Paragraph 3.1 will be held within ten (10) business days of the Surety's receipt of the Owner's notice. If the Owner, the Contractor, and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Construction Contract, but such an agreement does not waive the Owner's right, if any, subsequently to declare a Contractor Default;
 - 3.2. The Owner declares a Contractor Default, terminates the Construction Contract and notifies the Surety; and
 - 3.3. The Owner has agreed to pay the Balance of the Contract Price in accordance with the terms of the Construction Contract to the Surety or to a contractor selected to perform the Construction Contract.
4. Failure on the part of the Owner to comply with the notice requirement in Paragraph 3.1 does not constitute a failure to comply with a condition precedent to the Surety's obligations, or release the Surety from its obligations, except to the extent the Surety demonstrates actual prejudice.
5. When the Owner has satisfied the conditions of Paragraph 3, the Surety shall promptly and at the Surety's expense take one of the following actions:
 - 5.1. Arrange for the Contractor, with the consent of the Owner, to perform and complete the Construction Contract;
 - 5.2. Undertake to perform and complete the Construction Contract itself, through its agents or independent contractors;
 - 5.3. Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the Owner and a contractor selected with the Owners concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Contract, and pay to the Owner the amount of damages as described in Paragraph 7 in excess of the Balance of the Contract Price incurred by the Owner as a result of the Contractor Default; or
 - 5.4. Waive its right to perform and complete, arrange for completion, or obtain a new contractor, and with reasonable promptness under the circumstances:
 - 5.4.1 After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, make payment to the Owner; or
 - 5.4.2 Deny liability in whole or in part and notify the Owner, citing the reasons for denial.
6. If the Surety does not proceed as provided in Paragraph 5 with reasonable promptness, the Surety shall be deemed to be in default on this Bond seven days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Paragraph 5.4, and the Owner refuses the payment, or the Surety has denied liability, in whole or in part, without further notice, the Owner shall be entitled to enforce any remedy available to the Owner.
7. If the Surety elects to act under Paragraph 5.1, 5.2, or 5.3, then the responsibilities of the Surety to the Owner will not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner

to the Surety will not be greater than those of the Owner under the Construction Contract. Subject to the commitment by the Owner to pay the Balance of the Contract Price, the Surety is obligated, without duplication for:

- 7.1. the responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;
 - 7.2. additional legal, design professional, and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Paragraph 5; and
 - 7.3. liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.
8. If the Surety elects to act under Paragraph 5.1, 5.3, or 5.4, the Surety's liability is limited to the amount of this Bond.
 9. The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price will not be reduced or set off on account of any such unrelated obligations. No right of action will accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators, successors, and assigns.
 10. The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders, and other obligations.
 11. Any proceeding, legal or equitable, under this Bond must be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and must be instituted within two years after a declaration of Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this paragraph are void or prohibited by law, the minimum periods of limitations available to sureties as a defense in the jurisdiction of the suit will be applicable.
 12. Notice to the Surety, the Owner, or the Contractor must be mailed or delivered to the address shown on the page on which their signature appears.
 13. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement will be deemed deleted therefrom and provisions conforming to such statutory or other legal requirement will be deemed incorporated herein. When so furnished, the intent is that this Bond will be construed as a statutory bond and not as a common law bond.
 14. Definitions
 - 14.1. *Balance of the Contract Price*—The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made including allowance for the Contractor for any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.
 - 14.2. *Construction Contract*—The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and changes made to the agreement and the Contract Documents.
 - 14.3. *Contractor Default*—Failure of the Contractor, which has not been remedied or waived, to perform or otherwise to comply with a material term of the Construction Contract.
 - 14.4. *Owner Default*—Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.
 - 14.5. *Contract Documents*—All the documents that comprise the agreement between the Owner and Contractor.
 15. If this Bond is issued for an agreement between a contractor and subcontractor, the term Contractor in this Bond will be deemed to be Subcontractor and the term Owner will be deemed to be Contractor.
 16. Modifications to this Bond are as follows: **[Describe modification or enter "None"]**

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SECTION 7 - PAYMENT BOND

| | |
|--|--|
| Contractor Name: Address <i>(principal place of business)</i> : | Surety Name: Address <i>(principal place of business)</i> : |
| Owner: Incline Village General Improvement District Mailing address <i>(principal place of business)</i> : Public Works Department; 1220 Sweetwater Road, Incline Village, NV 89451 | Contract Description <i>(name and location)</i> : Burnt Cedar Swimming Pool Improvement Project 665 Lakeshore Blvd., Incline Village, NV Contract Price: Effective Date of Contract: |
| Bond Bond Amount: Date of Bond: <i>(Date of Bond cannot be earlier than Effective Date of Contract)</i> Modifications to this Bond form: <input type="checkbox"/> None <input type="checkbox"/> See Paragraph 18 | |
| Surety and Contractor, intending to be legally bound hereby, subject to the terms set forth in this Payment Bond, do each cause this Payment Bond to be duly executed by an authorized officer, agent, or representative. | |
| Contractor as Principal | Surety |
| <i>(Full formal name of Contractor)</i> | <i>(Full formal name of Surety) (corporate seal)</i> |
| By: _____ <i>(Signature)</i> | By: _____ <i>(Signature)(Attach Power of Attorney)</i> |
| Name: _____ <i>(Printed or typed)</i> | Name: _____ <i>(Printed or typed)</i> |
| Title: _____ | Title: _____ |
| Attest: _____ <i>(Signature)</i> | Attest: _____ <i>(Signature)</i> |
| Name: _____ <i>(Printed or typed)</i> | Name: _____ <i>(Printed or typed)</i> |
| Title: _____ | Title: _____ |
| <i>Notes: (1) Provide supplemental execution by any additional parties, such as joint venturers. (2) Any singular reference to Contractor, Surety, Owner, or other party is considered plural where applicable.</i> | |

1. The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to the Owner to pay for labor, materials, and equipment furnished for use in the performance of the Construction Contract, which is incorporated herein by reference, subject to the following terms.
2. If the Contractor promptly makes payment of all sums due to Claimants, and defends, indemnifies, and holds harmless the Owner from claims, demands, liens, or suits by any person or entity seeking payment for labor, materials, or equipment furnished for use in the performance of the Construction Contract, then the Surety and the Contractor shall have no obligation under this Bond.
3. If there is no Owner Default under the Construction Contract, the Surety's obligation to the Owner under this Bond will arise after the Owner has promptly notified the Contractor and the Surety (at the address described in Paragraph 13) of claims, demands, liens, or suits against the Owner or the Owner's property by any person or entity seeking payment for labor, materials, or equipment furnished for use in the performance of the Construction Contract, and tendered defense of such claims, demands, liens, or suits to the Contractor and the Surety.
4. When the Owner has satisfied the conditions in Paragraph 3, the Surety shall promptly and at the Surety's expense defend, indemnify, and hold harmless the Owner against a duly tendered claim, demand, lien, or suit.
5. The Surety's obligations to a Claimant under this Bond will arise after the following:
 - 5.1. Claimants who do not have a direct contract with the Contractor
 - 5.1.1. have furnished a written notice of non-payment to the Contractor, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were, or equipment was, furnished or supplied or for whom the labor was done or performed, within ninety (90) days after having last performed labor or last furnished materials or equipment included in the Claim; and
 - 5.1.2. have sent a Claim to the Surety (at the address described in Paragraph 13).
 - 5.2. Claimants who are employed by or have a direct contract with the Contractor have sent a Claim to the Surety (at the address described in Paragraph 13).
6. If a notice of non-payment required by Paragraph 5.1.1 is given by the Owner to the Contractor, that is sufficient to satisfy a Claimant's obligation to furnish a written notice of non-payment under Paragraph 5.1.1.
7. When a Claimant has satisfied the conditions of Paragraph 5.1 or 5.2, whichever is applicable, the Surety shall promptly and at the Surety's expense take the following actions:
 - 7.1. Send an answer to the Claimant, with a copy to the Owner, within sixty (60) days after receipt of the Claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed; and
 - 7.2. Pay or arrange for payment of any undisputed amounts.
 - 7.3. The Surety's failure to discharge its obligations under Paragraph 7.1 or 7.2 will not be deemed to constitute a waiver of defenses the Surety or Contractor may have or acquire as to a Claim, except as to undisputed amounts for which the Surety and Claimant have reached agreement. If, however, the Surety fails to discharge its obligations under Paragraph 7.1 or 7.2, the Surety shall indemnify the Claimant for the reasonable attorney's fees the Claimant incurs thereafter to recover any sums found to be due and owing to the Claimant.
8. The Surety's total obligation will not exceed the amount of this Bond, plus the amount of reasonable attorney's fees provided under Paragraph 7.3, and the amount of this Bond will be credited for any payments made in good faith by the Surety.
9. Amounts owed by the Owner to the Contractor under the Construction Contract will be used for the performance of the Construction Contract and to satisfy claims, if any, under any construction performance bond. By the Contractor furnishing and the Owner accepting this Bond, they agree that all funds earned by the Contractor in the performance of the Construction Contract are dedicated to satisfying obligations of the Contractor and Surety under this Bond, subject to the Owner's priority to use the funds for the completion of the work.
10. The Surety shall not be liable to the Owner, Claimants, or others for obligations of the Contractor that are unrelated to the Construction Contract. The Owner shall not be liable for the payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligation to make payments to or give notice on behalf of Claimants, or otherwise have any obligations to Claimants under this Bond.
11. The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders, and other obligations.
12. No suit or action will be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the state in which the project that is the subject of the Construction Contract is located or after the expiration of one year from the date (1) on which the Claimant sent a Claim to the Surety pursuant to Paragraph 5.1.2 or 5.2, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract,

whichever of (1) or (2) first occurs. If the provisions of this paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit will be applicable.

13. Notice and Claims to the Surety, the Owner, or the Contractor must be mailed or delivered to the address shown on the page on which their signature appears. Actual receipt of notice or Claims, however accomplished, will be sufficient compliance as of the date received.
14. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement will be deemed deleted here from and provisions conforming to such statutory or other legal requirement will be deemed incorporated herein. When so furnished, the intent is that this Bond will be construed as a statutory bond and not as a common law bond.
15. Upon requests by any person or entity appearing to be a potential beneficiary of this Bond, the Contractor and Owner shall promptly furnish a copy of this Bond or shall permit a copy to be made.
16. Definitions
 - 16.1. *Claim*—A written statement by the Claimant including at a minimum:
 - 16.1.1. The name of the Claimant;
 - 16.1.2. The name of the person for whom the labor was done, or materials or equipment furnished;
 - 16.1.3. A copy of the agreement or purchase order pursuant to which labor, materials, or equipment was furnished for use in the performance of the Construction Contract;
 - 16.1.4. A brief description of the labor, materials, or equipment furnished;
 - 16.1.5. The date on which the Claimant last performed labor or last furnished materials or equipment for use in the performance of the Construction Contract;
 - 16.1.6. The total amount earned by the Claimant for labor, materials, or equipment furnished as of the date of the Claim;
 - 16.1.7. The total amount of previous payments received by the Claimant; and
 - 16.1.8. The total amount due and unpaid to the Claimant for labor, materials, or equipment furnished as of the date of the Claim.
 - 16.2. *Claimant*—An individual or entity having a direct contract with the Contractor or with a subcontractor of the Contractor to furnish labor, materials, or equipment for use in the performance of the Construction Contract. The term Claimant also includes any individual or entity that has rightfully asserted a claim under an applicable mechanic's lien or similar statute against the real property upon which the Project is located. The intent of this Bond is to include without limitation in the terms of "labor, materials, or equipment" that part of the water, gas, power, light, heat, oil, gasoline, telephone service, or rental equipment used in the Construction Contract, architectural and engineering services required for performance of the work of the Contractor and the Contractor's subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials, or equipment were furnished.
 - 16.3. *Construction Contract*—The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and all changes made to the agreement and the Contract Documents.
 - 16.4. *Owner Default*—Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.
 - 16.5. *Contract Documents*—All the documents that comprise the agreement between the Owner and Contractor.
17. If this Bond is issued for an agreement between a contractor and subcontractor, the term Contractor in this Bond will be deemed to be Subcontractor and the term Owner will be deemed to be Contractor.
18. Modifications to this Bond are as follows: **[Describe modification or enter "None"]**

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**STANDARD GENERAL CONDITIONS
OF THE CONSTRUCTION CONTRACT**

Prepared By



Endorsed By



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GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT

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STANDARD GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT

ARTICLE 1—DEFINITIONS AND TERMINOLOGY

1.1 *Defined Terms*

- A. Wherever used in the Bidding Requirements or Contract Documents, a term printed with initial capital letters, including the term's singular and plural forms, will have the meaning indicated in the definitions below. In addition to terms specifically defined, terms with initial capital letters in the Contract Documents include references to identified articles and paragraphs, and the titles of other documents or forms.
1. *Addenda*—Written or graphic instruments issued prior to the opening of Bids which clarify, correct, or change the Bidding Requirements or the proposed Contract Documents.
 2. *Agreement*—The written instrument, executed by Owner and Contractor, that sets forth the Contract Price and Contract Times, identifies the parties and the Engineer, and designates the specific items that are Contract Documents.
 3. *Application for Payment*—The document prepared by Contractor, in a form acceptable to Engineer, to request progress or final payments, and which is to be accompanied by such supporting documentation as is required by the Contract Documents.
 4. *Bid*—The offer of a Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.
 5. *Bidder*—An individual or entity that submits a Bid to Owner.
 6. *Bidding Documents*—The Bidding Requirements, the proposed Contract Documents, and all Addenda.
 7. *Bidding Requirements*—The Advertisement or invitation to bid, Instructions to Bidders, Bid Bond or other Bid security, if any, the Bid Form, and the Bid with any attachments.
 8. *Change Order*—A document which is signed by Contractor and Owner and authorizes an addition, deletion, or revision in the Work or an adjustment in the Contract Price or the Contract Times, or other revision to the Contract, issued on or after the Effective Date of the Contract.
 9. *Change Proposal*—A written request by Contractor, duly submitted in compliance with the procedural requirements set forth herein, seeking an adjustment in Contract Price or Contract Times; contesting an initial decision by Engineer concerning the requirements of the Contract Documents or the acceptability of Work under the Contract Documents; challenging a set-off against payments due; or seeking other relief with respect to the terms of the Contract.
 10. *Claim*
 - a. A demand or assertion by Owner directly to Contractor, duly submitted in compliance with the procedural requirements set forth herein, seeking an adjustment of Contract Price or Contract Times; contesting an initial decision by Engineer concerning the requirements of the Contract Documents or the acceptability of Work under the Contract Documents; contesting Engineer's decision regarding a Change Proposal; seeking resolution of a contractual issue

- that Engineer has declined to address; or seeking other relief with respect to the terms of the Contract.
- b. A demand or assertion by Contractor directly to Owner, duly submitted in compliance with the procedural requirements set forth herein, contesting Engineer's decision regarding a Change Proposal, or seeking resolution of a contractual issue that Engineer has declined to address.
 - c. A demand or assertion by Owner or Contractor, duly submitted in compliance with the procedural requirements set forth herein, made pursuant to Paragraph 12.01.A.4, concerning disputes arising after Engineer has issued a recommendation of final payment.
 - d. A demand for money or services by a third party is not a Claim.
11. *Constituent of Concern*—Asbestos, petroleum, radioactive materials, polychlorinated biphenyls (PCBs), lead-based paint (as defined by the HUD/EPA standard), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, regulated, or addressed pursuant to Laws and Regulations regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic, or dangerous waste, substance, or material.
 12. *Contract*—The entire and integrated written contract between Owner and Contractor concerning the Work.
 13. *Contract Documents*—Those items so designated in the Agreement, and which together comprise the Contract.
 14. *Contract Price*—The money that Owner has agreed to pay Contractor for completion of the Work in accordance with the Contract Documents.
 15. *Contract Times*—The number of days or the dates by which Contractor shall: (a) achieve Milestones, if any; (b) achieve Substantial Completion; and (c) complete the Work.
 16. *Contractor*—The individual or entity with which Owner has contracted for performance of the Work.
 17. *Cost of the Work*—See Paragraph 13.01 for definition.
 18. *Drawings*—The part of the Contract that graphically shows the scope, extent, and character of the Work to be performed by Contractor.
 19. *Effective Date of the Contract*—The date, indicated in the Agreement, on which the Contract becomes effective.
 20. *Electronic Document*—Any Project-related correspondence, attachments to correspondence, data, documents, drawings, information, or graphics, including but not limited to Shop Drawings and other Submittals, that are in an electronic or digital format.
 21. *Electronic Means*—Electronic mail (email), upload/download from a secure Project website, or other communications methods that allow: (a) the transmission or communication of Electronic Documents; (b) the documentation of transmissions, including sending and receipt; (c) printing of the transmitted Electronic Document by the recipient; (d) the storage and archiving of the Electronic Document by sender and recipient; and (e) the use by recipient of the Electronic Document for purposes permitted by this Contract. Electronic Means does not include the use of

text messaging, or of Facebook, Twitter, Instagram, or similar social media services for transmission of Electronic Documents.

22. *Engineer*—The individual or entity named as such in the Agreement.
23. *Field Order*—A written order issued by Engineer which requires minor changes in the Work but does not change the Contract Price or the Contract Times.
24. *Hazardous Environmental Condition*—The presence at the Site of Constituents of Concern in such quantities or circumstances that may present a danger to persons or property exposed thereto.
 - a. The presence at the Site of materials that are necessary for the execution of the Work, or that are to be incorporated into the Work, and that are controlled and contained pursuant to industry practices, Laws and Regulations, and the requirements of the Contract, is not a Hazardous Environmental Condition.
 - b. The presence of Constituents of Concern that are to be removed or remediated as part of the Work is not a Hazardous Environmental Condition.
 - c. The presence of Constituents of Concern as part of the routine, anticipated, and obvious working conditions at the Site, is not a Hazardous Environmental Condition.
25. *Laws and Regulations; Laws or Regulations*—Any and all applicable laws, statutes, rules, regulations, ordinances, codes, and binding decrees, resolutions, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.
26. *Liens*—Charges, security interests, or encumbrances upon Contract-related funds, real property, or personal property.
27. *Milestone*—A principal event in the performance of the Work that the Contract requires Contractor to achieve by an intermediate completion date, or by a time prior to Substantial Completion of all the Work.
28. *Notice of Award*—The written notice by Owner to a Bidder of Owner's acceptance of the Bid.

See SC-1.02

- ~~29. *Notice to Proceed*—A written notice by Owner to Contractor fixing the date on which the Contract Times will commence to run and on which Contractor shall start to perform the Work.~~
30. *Owner*—The individual or entity with which Contractor has contracted regarding the Work, and which has agreed to pay Contractor for the performance of the Work, pursuant to the terms of the Contract.
31. *Progress Schedule*—A schedule, prepared and maintained by Contractor, describing the sequence and duration of the activities comprising Contractor's plan to accomplish the Work within the Contract Times.
32. *Project*—The total undertaking to be accomplished for Owner by engineers, contractors, and others, including planning, study, design, construction, testing, commissioning, and start-up, and of which the Work to be performed under the Contract Documents is a part.
33. *Resident Project Representative*—The authorized representative of Engineer assigned to assist Engineer at the Site. As used herein, the term Resident Project Representative (RPR) includes any assistants or field staff of Resident Project Representative.

34. *Samples*—Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and that establish the standards by which such portion of the Work will be judged.
35. *Schedule of Submittals*—A schedule, prepared and maintained by Contractor, of required submittals and the time requirements for Engineer’s review of the submittals.
36. *Schedule of Values*—A schedule, prepared and maintained by Contractor, allocating portions of the Contract Price to various portions of the Work and used as the basis for reviewing Contractor’s Applications for Payment.
37. *Shop Drawings*—All drawings, diagrams, illustrations, schedules, and other data or information that are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work. Shop Drawings, whether approved or not, are not Drawings and are not Contract Documents.
38. *Site*—Lands or areas indicated in the Contract Documents as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements, and such other lands or areas furnished by Owner which are designated for the use of Contractor.

See SC-1.01

39. *Specifications*—The part of the Contract that consists of written requirements for materials, equipment, systems, standards, and workmanship as applied to the Work, and certain administrative requirements and procedural matters applicable to the Work.
40. *Subcontractor*—An individual or entity having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work.
41. *Submittal*—A written or graphic document, prepared by or for Contractor, which the Contract Documents require Contractor to submit to Engineer, or that is indicated as a Submittal in the Schedule of Submittals accepted by Engineer. Submittals may include Shop Drawings and Samples; schedules; product data; Owner-delegated designs; sustainable design information; information on special procedures; testing plans; results of tests and evaluations, source quality-control testing and inspections, and field or Site quality-control testing and inspections; warranties and certifications; Suppliers’ instructions and reports; records of delivery of spare parts and tools; operations and maintenance data; Project photographic documentation; record documents; and other such documents required by the Contract Documents. Submittals, whether or not approved or accepted by Engineer, are not Contract Documents. Change Proposals, Change Orders, Claims, notices, Applications for Payment, and requests for interpretation or clarification are not Submittals.
42. *Substantial Completion*—The time at which the Work (or a specified part thereof) has progressed to the point where, in the opinion of Engineer, the Work (or a specified part thereof) is sufficiently complete, in accordance with the Contract Documents, so that the Work (or a specified part thereof) can be utilized for the purposes for which it is intended. The terms “substantially complete” and “substantially completed” as applied to all or part of the Work refer to Substantial Completion of such Work.
43. *Successful Bidder*—The Bidder to which the Owner makes an award of contract.
44. *Supplementary Conditions*—The part of the Contract that amends or supplements these General Conditions.

45. *Supplier*—A manufacturer, fabricator, supplier, distributor, or vendor having a direct contract with Contractor or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by Contractor or a Subcontractor.

46. *Technical Data*

- a. Those items expressly identified as Technical Data in the Supplementary Conditions, with respect to either (1) existing subsurface conditions at or adjacent to the Site, or existing physical conditions at or adjacent to the Site including existing surface or subsurface structures (except Underground Facilities) or (2) Hazardous Environmental Conditions at the Site.
- b. If no such express identifications of Technical Data have been made with respect to conditions at the Site, then Technical Data is defined, with respect to conditions at the Site under Paragraphs 5.03, 5.04, and 5.06, as the data contained in boring logs, recorded measurements of subsurface water levels, assessments of the condition of subsurface facilities, laboratory test results, and other factual, objective information regarding conditions at the Site that are set forth in any geotechnical, environmental, or other Site or facilities conditions report prepared for the Project and made available to Contractor.
- c. Information and data regarding the presence or location of Underground Facilities are not intended to be categorized, identified, or defined as Technical Data, and instead Underground Facilities are shown or indicated on the Drawings.

47. *Underground Facilities*—All active or not-in-service underground lines, pipelines, conduits, ducts, encasements, cables, wires, manholes, vaults, tanks, tunnels, or other such facilities or systems at the Site, including but not limited to those facilities or systems that produce, transmit, distribute, or convey telephone or other communications, cable television, fiber optic transmissions, power, electricity, light, heat, gases, oil, crude oil products, liquid petroleum products, water, steam, waste, wastewater, storm water, other liquids or chemicals, or traffic or other control systems. An abandoned facility or system is not an Underground Facility.

48. *Unit Price Work*—Work to be paid for on the basis of unit prices.

49. *Work*—The entire construction or the various separately identifiable parts thereof required to be provided under the Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction; furnishing, installing, and incorporating all materials and equipment into such construction; and may include related services such as testing, start-up, and commissioning, all as required by the Contract Documents.

50. *Work Change Directive*—A written directive to Contractor issued on or after the Effective Date of the Contract, signed by Owner and recommended by Engineer, ordering an addition, deletion, or revision in the Work.

1.2 *Terminology*

- A. The words and terms discussed in Paragraphs 1.02.B, C, D, and E are not defined terms that require initial capital letters, but, when used in the Bidding Requirements or Contract Documents, have the indicated meaning.
- B. *Intent of Certain Terms or Adjectives*: The Contract Documents include the terms “as allowed,” “as approved,” “as ordered,” “as directed” or terms of like effect or import to authorize an exercise of professional judgment by Engineer. In addition, the adjectives “reasonable,” “suitable,” “acceptable,”

“proper,” “satisfactory,” or adjectives of like effect or import are used to describe an action or determination of Engineer as to the Work. It is intended that such exercise of professional judgment, action, or determination will be solely to evaluate, in general, the Work for compliance with the information in the Contract Documents and with the design concept of the Project as a functioning whole as shown or indicated in the Contract Documents (unless there is a specific statement indicating otherwise). The use of any such term or adjective is not intended to and shall not be effective to assign to Engineer any duty or authority to supervise or direct the performance of the Work, or any duty or authority to undertake responsibility contrary to the provisions of Article 10 or any other provision of the Contract Documents.

- C. *Day*: The word “day” means a calendar day of 24 hours measured from midnight to the next midnight.
- D. *Defective*: The word “defective,” when modifying the word “Work,” refers to Work that is unsatisfactory, faulty, or deficient in that it:
 - 1. does not conform to the Contract Documents;
 - 2. does not meet the requirements of any applicable inspection, reference standard, test, or approval referred to in the Contract Documents; or
 - 3. has been damaged prior to Engineer’s recommendation of final payment (unless responsibility for the protection thereof has been assumed by Owner at Substantial Completion in accordance with Paragraph 15.03 or Paragraph 15.04).
- E. *Furnish, Install, Perform, Provide*
 - 1. The word “furnish,” when used in connection with services, materials, or equipment, means to supply and deliver said services, materials, or equipment to the Site (or some other specified location) ready for use or installation and in usable or operable condition.
 - 2. The word “install,” when used in connection with services, materials, or equipment, means to put into use or place in final position said services, materials, or equipment complete and ready for intended use.
 - 3. The words “perform” or “provide,” when used in connection with services, materials, or equipment, means to furnish and install said services, materials, or equipment complete and ready for intended use.
 - 4. If the Contract Documents establish an obligation of Contractor with respect to specific services, materials, or equipment, but do not expressly use any of the four words “furnish,” “install,” “perform,” or “provide,” then Contractor shall furnish and install said services, materials, or equipment complete and ready for intended use.
- F. *Contract Price or Contract Times*: References to a change in “Contract Price or Contract Times” or “Contract Times or Contract Price” or similar, indicate that such change applies to (1) Contract Price, (2) Contract Times, or (3) both Contract Price and Contract Times, as warranted, even if the term “or both” is not expressed.
- G. Unless stated otherwise in the Contract Documents, words or phrases that have a well-known technical or construction industry or trade meaning are used in the Contract Documents in accordance with such recognized meaning.

ARTICLE 2—PRELIMINARY MATTERS

2.1 *Delivery of Performance and Payment Bonds; Evidence of Insurance*

- A. *Performance and Payment Bonds:* When Contractor delivers the signed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner the performance bond and payment bond (if the Contract requires Contractor to furnish such bonds).
- B. ~~*Evidence of Contractor's Insurance:* When Contractor delivers the signed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner, with copies to each additional insured (as identified in the Contract), the certificates, endorsements, and other evidence of insurance required to be provided by Contractor in accordance with Article 6, except to the extent the Supplementary Conditions expressly establish other dates for delivery of specific insurance policies.~~
- C. ~~*Evidence of Owner's Insurance:* After receipt of the signed counterparts of the Agreement and all required bonds and insurance documentation, Owner shall promptly deliver to Contractor, with copies to each additional insured (as identified in the Contract), the certificates and other evidence of insurance required to be provided by Owner under Article 6.~~

See SC-2.01

2.2 *Copies of Documents*

- A. ~~Owner shall furnish to Contractor four printed copies of the Contract (including one fully signed counterpart of the Agreement), and one copy in electronic portable document format (PDF). Additional printed copies will be furnished upon request at the cost of reproduction.~~

See SC-2.02

- B. Owner shall maintain and safeguard at least one original printed record version of the Contract, including Drawings and Specifications signed and sealed by Engineer and other design professionals. Owner shall make such original printed record version of the Contract available to Contractor for review. Owner may delegate the responsibilities under this provision to Engineer.

2.3 *Before Starting Construction*

- A. *Preliminary Schedules:* Within 10 days after the Effective Date of the Contract (or as otherwise required by the Contract Documents), Contractor shall submit to Engineer for timely review:
 - 1. a preliminary Progress Schedule indicating the times (numbers of days or dates) for starting and completing the various stages of the Work, including any Milestones specified in the Contract;
 - 2. a preliminary Schedule of Submittals; and
 - 3. a preliminary Schedule of Values for all of the Work which includes quantities and prices of items which when added together equal the Contract Price and subdivides the Work into component parts in sufficient detail to serve as the basis for progress payments during performance of the Work. Such prices will include an appropriate amount of overhead and profit applicable to each item of Work.

2.4 *Preconstruction Conference; Designation of Authorized Representatives*

- A. Before any Work at the Site is started, a conference attended by Owner, Contractor, Engineer, and others as appropriate will be held to establish a working understanding among the parties as to the Work, and to discuss the schedules referred to in Paragraph 2.03.A, procedures for handling Shop

Drawings, Samples, and other Submittals, processing Applications for Payment, electronic or digital transmittals, and maintaining required records.

- B. At this conference Owner and Contractor each shall designate, in writing, a specific individual to act as its authorized representative with respect to the services and responsibilities under the Contract. Such individuals shall have the authority to transmit and receive information, render decisions relative to the Contract, and otherwise act on behalf of each respective party.

2.5 *Acceptance of Schedules*

- A. At least 10 days before submission of the first Application for Payment a conference, attended by Contractor, Engineer, and others as appropriate, will be held to review the schedules submitted in accordance with Paragraph 2.03.A. No progress payment will be made to Contractor until acceptable schedules are submitted to Engineer.
 - 1. The Progress Schedule will be acceptable to Engineer if it provides an orderly progression of the Work to completion within the Contract Times. Such acceptance will not impose on Engineer responsibility for the Progress Schedule, for sequencing, scheduling, or progress of the Work, nor interfere with or relieve Contractor from Contractor's full responsibility therefor.
 - 2. Contractor's Schedule of Submittals will be acceptable to Engineer if it provides a workable arrangement for reviewing and processing the required submittals.
 - 3. Contractor's Schedule of Values will be acceptable to Engineer as to form and substance if it provides a reasonable allocation of the Contract Price to the component parts of the Work.
 - 4. If a schedule is not acceptable, Contractor will have an additional 10 days to revise and resubmit the schedule.

2.6 *Electronic Transmittals*

- A. Except as otherwise stated elsewhere in the Contract, the Owner, Engineer, and Contractor may send, and shall accept, Electronic Documents transmitted by Electronic Means.
- B. If the Contract does not establish protocols for Electronic Means, then Owner, Engineer, and Contractor shall jointly develop such protocols.
- C. Subject to any governing protocols for Electronic Means, when transmitting Electronic Documents by Electronic Means, the transmitting party makes no representations as to long-term compatibility, usability, or readability of the Electronic Documents resulting from the recipient's use of software application packages, operating systems, or computer hardware differing from those used in the drafting or transmittal of the Electronic Documents.

ARTICLE 3—CONTRACT DOCUMENTS: INTENT, REQUIREMENTS, REUSE

3.1 *Intent*

- A. The Contract Documents are complementary; what is required by one Contract Document is as binding as if required by all.
- B. It is the intent of the Contract Documents to describe a functionally complete Project (or part thereof) to be constructed in accordance with the Contract Documents.
- C. ~~Unless otherwise stated in the Contract Documents, if there is a discrepancy between the electronic versions of the Contract Documents (including any printed copies derived from such electronic versions) and the printed record version, the printed record version will govern.~~

See SC-3.01

- D. The Contract supersedes prior negotiations, representations, and agreements, whether written or oral.
- E. Engineer will issue clarifications and interpretations of the Contract Documents as provided herein.
- F. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation will be deemed stricken, and all remaining provisions will continue to be valid and binding upon Owner and Contractor, which agree that the Contract Documents will be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.
- G. Nothing in the Contract Documents creates:
 - 1. any contractual relationship between Owner or Engineer and any Subcontractor, Supplier, or other individual or entity performing or furnishing any of the Work, for the benefit of such Subcontractor, Supplier, or other individual or entity; or
 - 2. any obligation on the part of Owner or Engineer to pay or to see to the payment of any money due any such Subcontractor, Supplier, or other individual or entity, except as may otherwise be required by Laws and Regulations.

3.2 *Reference Standards*

A. *Standards Specifications, Codes, Laws and Regulations*

- 1. Reference in the Contract Documents to standard specifications, manuals, reference standards, or codes of any technical society, organization, or association, or to Laws or Regulations, whether such reference be specific or by implication, means the standard specification, manual, reference standard, code, or Laws or Regulations in effect at the time of opening of Bids (or on the Effective Date of the Contract if there were no Bids), except as may be otherwise specifically stated in the Contract Documents.
- 2. No provision of any such standard specification, manual, reference standard, or code, and no instruction of a Supplier, will be effective to change the duties or responsibilities of Owner, Contractor, or Engineer from those set forth in the part of the Contract Documents prepared by or for Engineer. No such provision or instruction shall be effective to assign to Owner or Engineer any duty or authority to supervise or direct the performance of the Work, or any duty or authority to undertake responsibility inconsistent with the provisions of the part of the Contract Documents prepared by or for Engineer.

3.3 *Reporting and Resolving Discrepancies*

A. *Reporting Discrepancies*

- 1. *Contractor's Verification of Figures and Field Measurements:* Before undertaking each part of the Work, Contractor shall carefully study the Contract Documents, and check and verify pertinent figures and dimensions therein, particularly with respect to applicable field measurements. Contractor shall promptly report in writing to Engineer any conflict, error, ambiguity, or discrepancy that Contractor discovers, or has actual knowledge of, and shall not proceed with any Work affected thereby until the conflict, error, ambiguity, or discrepancy is resolved by a clarification or interpretation by Engineer, or by an amendment or supplement to the Contract issued pursuant to Paragraph 11.01.

2. *Contractor's Review of Contract Documents:* If, before or during the performance of the Work, Contractor discovers any conflict, error, ambiguity, or discrepancy within the Contract Documents, or between the Contract Documents and (a) any applicable Law or Regulation, (b) actual field conditions, (c) any standard specification, manual, reference standard, or code, or (d) any instruction of any Supplier, then Contractor shall promptly report it to Engineer in writing. Contractor shall not proceed with the Work affected thereby (except in an emergency as required by Paragraph 7.15) until the conflict, error, ambiguity, or discrepancy is resolved, by a clarification or interpretation by Engineer, or by an amendment or supplement to the Contract issued pursuant to Paragraph 11.01.
3. Contractor shall not be liable to Owner or Engineer for failure to report any conflict, error, ambiguity, or discrepancy in the Contract Documents unless Contractor had actual knowledge thereof.

B. *Resolving Discrepancies*

1. Except as may be otherwise specifically stated in the Contract Documents, the provisions of the part of the Contract Documents prepared by or for Engineer take precedence in resolving any conflict, error, ambiguity, or discrepancy between such provisions of the Contract Documents and:
 - a. the provisions of any standard specification, manual, reference standard, or code, or the instruction of any Supplier (whether or not specifically incorporated by reference as a Contract Document); or
 - b. the provisions of any Laws or Regulations applicable to the performance of the Work (unless such an interpretation of the provisions of the Contract Documents would result in violation of such Law or Regulation).

3.4 *Requirements of the Contract Documents*

- A. During the performance of the Work and until final payment, Contractor and Owner shall submit to the Engineer in writing all matters in question concerning the requirements of the Contract Documents (sometimes referred to as requests for information or interpretation—RFIs), or relating to the acceptability of the Work under the Contract Documents, as soon as possible after such matters arise. Engineer will be the initial interpreter of the requirements of the Contract Documents, and judge of the acceptability of the Work.
- B. Engineer will, with reasonable promptness, render a written clarification, interpretation, or decision on the issue submitted, or initiate an amendment or supplement to the Contract Documents. Engineer's written clarification, interpretation, or decision will be final and binding on Contractor, unless it appeals by submitting a Change Proposal, and on Owner, unless it appeals by filing a Claim.
- C. If a submitted matter in question concerns terms and conditions of the Contract Documents that do not involve (1) the performance or acceptability of the Work under the Contract Documents, (2) the design (as set forth in the Drawings, Specifications, or otherwise), or (3) other engineering or technical matters, then Engineer will promptly notify Owner and Contractor in writing that Engineer is unable to provide a decision or interpretation. If Owner and Contractor are unable to agree on resolution of such a matter in question, either party may pursue resolution as provided in Article 12.

3.5 *Reuse of Documents*

- A. Contractor and its Subcontractors and Suppliers shall not:
 - 1. have or acquire any title to or ownership rights in any of the Drawings, Specifications, or other documents (or copies of any thereof) prepared by or bearing the seal of Engineer or its consultants, including electronic media versions, or reuse any such Drawings, Specifications, other documents, or copies thereof on extensions of the Project or any other project without written consent of Owner and Engineer and specific written verification or adaptation by Engineer; or
 - 2. have or acquire any title or ownership rights in any other Contract Documents, reuse any such Contract Documents for any purpose without Owner's express written consent, or violate any copyrights pertaining to such Contract Documents.
- B. The prohibitions of this Paragraph 3.05 will survive final payment, or termination of the Contract. Nothing herein precludes Contractor from retaining copies of the Contract Documents for record purposes.

ARTICLE 4—COMMENCEMENT AND PROGRESS OF THE WORK

4.1 *Commencement of Contract Times; Notice to Proceed*

- A. The Contract Times will commence to run on the 30th day after the Effective Date of the Contract or, if a Notice to Proceed is given, on the day indicated in the Notice to Proceed. A Notice to Proceed may be given at any time within 30 days after the Effective Date of the Contract. ~~In no event will the Contract Times commence to run later than the 60th day after the day of Bid opening or the 30th day after the Effective Date of the Contract, whichever date is earlier.~~

See SC-4.01

4.2 *Starting the Work*

- A. Contractor shall start to perform the Work on the date when the Contract Times commence to run. No Work may be done at the Site prior to such date.

4.3 *Reference Points*

- A. Owner shall provide engineering surveys to establish reference points for construction which in Engineer's judgment are necessary to enable Contractor to proceed with the Work. Contractor shall be responsible for laying out the Work, shall protect and preserve the established reference points and property monuments, and shall make no changes or relocations without the prior written approval of Owner. Contractor shall report to Engineer whenever any reference point or property monument is lost or destroyed or requires relocation because of necessary changes in grades or locations, and shall be responsible for the accurate replacement or relocation of such reference points or property monuments by professionally qualified personnel.

4.4 *Progress Schedule*

- A. Contractor shall adhere to the Progress Schedule established in accordance with Paragraph 2.05 as it may be adjusted from time to time as provided below.
 - 1. Contractor shall submit to Engineer for acceptance (to the extent indicated in Paragraph 2.05) proposed adjustments in the Progress Schedule that will not result in changing the Contract Times.

2. Proposed adjustments in the Progress Schedule that will change the Contract Times must be submitted in accordance with the requirements of Article 11.
- B. Contractor shall carry on the Work and adhere to the Progress Schedule during all disputes or disagreements with Owner. No Work will be delayed or postponed pending resolution of any disputes or disagreements, or during any appeal process, except as permitted by Paragraph 16.04, or as Owner and Contractor may otherwise agree in writing.

See SC-4.04

4.5 *Delays in Contractor's Progress*

- A. If Owner, Engineer, or anyone for whom Owner is responsible, delays, disrupts, or interferes with the performance or progress of the Work, then Contractor shall be entitled to an equitable adjustment in Contract Price or Contract Times.
- B. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for delay, disruption, or interference caused by or within the control of Contractor. Delay, disruption, and interference attributable to and within the control of a Subcontractor or Supplier shall be deemed to be within the control of Contractor.
- C. If Contractor's performance or progress is delayed, disrupted, or interfered with by unanticipated causes not the fault of and beyond the control of Owner, Contractor, and those for which they are responsible, then Contractor shall be entitled to an equitable adjustment in Contract Times. Such an adjustment will be Contractor's sole and exclusive remedy for the delays, disruption, and interference described in this paragraph. Causes of delay, disruption, or interference that may give rise to an adjustment in Contract Times under this paragraph include but are not limited to the following:
 1. Severe and unavoidable natural catastrophes such as fires, floods, epidemics, and earthquakes;
 2. Abnormal weather conditions;
 3. Acts or failures to act of third-party utility owners or other third-party entities (other than those third-party utility owners or other third-party entities performing other work at or adjacent to the Site as arranged by or under contract with Owner, as contemplated in Article 8); and
 4. Acts of war or terrorism.
- D. Contractor's entitlement to an adjustment of Contract Times or Contract Price is limited as follows:
 1. Contractor's entitlement to an adjustment of the Contract Times is conditioned on the delay, disruption, or interference adversely affecting an activity on the critical path to completion of the Work, as of the time of the delay, disruption, or interference.
 2. Contractor shall not be entitled to an adjustment in Contract Price for any delay, disruption, or interference if such delay is concurrent with a delay, disruption, or interference caused by or within the control of Contractor. Such a concurrent delay by Contractor shall not preclude an adjustment of Contract Times to which Contractor is otherwise entitled.
 3. Adjustments of Contract Times or Contract Price are subject to the provisions of Article 11.
- E. Each Contractor request or Change Proposal seeking an increase in Contract Times or Contract Price must be supplemented by supporting data that sets forth in detail the following:
 1. The circumstances that form the basis for the requested adjustment;

2. The date upon which each cause of delay, disruption, or interference began to affect the progress of the Work;
3. The date upon which each cause of delay, disruption, or interference ceased to affect the progress of the Work;
4. The number of days' increase in Contract Times claimed as a consequence of each such cause of delay, disruption, or interference; and
5. The impact on Contract Price, in accordance with the provisions of Paragraph 11.07.

Contractor shall also furnish such additional supporting documentation as Owner or Engineer may require including, where appropriate, a revised progress schedule indicating all the activities affected by the delay, disruption, or interference, and an explanation of the effect of the delay, disruption, or interference on the critical path to completion of the Work.

- F. Delays, disruption, and interference to the performance or progress of the Work resulting from the existence of a differing subsurface or physical condition, an Underground Facility that was not shown or indicated by the Contract Documents, or not shown or indicated with reasonable accuracy, and those resulting from Hazardous Environmental Conditions, are governed by Article 5, together with the provisions of Paragraphs 4.05.D and 4.05.E.
- G. Paragraph 8.03 addresses delays, disruption, and interference to the performance or progress of the Work resulting from the performance of certain other work at or adjacent to the Site.

ARTICLE 5—SITE; SUBSURFACE AND PHYSICAL CONDITIONS; HAZARDOUS ENVIRONMENTAL CONDITIONS

5.1 Availability of Lands

- A. Owner shall furnish the Site. Owner shall notify Contractor in writing of any encumbrances or restrictions not of general application but specifically related to use of the Site with which Contractor must comply in performing the Work.
- B. Upon reasonable written request, Owner shall furnish Contractor with a current statement of record legal title and legal description of the lands upon which permanent improvements are to be made and Owner's interest therein as necessary for giving notice of or filing a mechanic's or construction lien against such lands in accordance with applicable Laws and Regulations.
- C. Contractor shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

5.2 Use of Site and Other Areas

A. Limitation on Use of Site and Other Areas

1. Contractor shall confine construction equipment, temporary construction facilities, the storage of materials and equipment, and the operations of workers to the Site, adjacent areas that Contractor has arranged to use through construction easements or otherwise, and other adjacent areas permitted by Laws and Regulations, and shall not unreasonably encumber the Site and such other adjacent areas with construction equipment or other materials or equipment. Contractor shall assume full responsibility for (a) damage to the Site; (b) damage to any such other adjacent areas used for Contractor's operations; (c) damage to any other adjacent land or areas, or to improvements, structures, utilities, or similar facilities located at such adjacent lands or areas; and (d) for injuries and losses sustained by the owners or occupants of any such land or areas;

provided that such damage or injuries result from the performance of the Work or from other actions or conduct of the Contractor or those for which Contractor is responsible. See SC-5.02

2. If a damage or injury claim is made by the owner or occupant of any such land or area because of the performance of the Work, or because of other actions or conduct of the Contractor or those for which Contractor is responsible, Contractor shall (a) take immediate corrective or remedial action as required by Paragraph 7.13, or otherwise; (b) promptly attempt to settle the claim as to all parties through negotiations with such owner or occupant, or otherwise resolve the claim by arbitration or other dispute resolution proceeding, or in a court of competent jurisdiction; and (c) to the fullest extent permitted by Laws and Regulations, indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, from and against any such claim, and against all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any claim or action, legal or equitable, brought by any such owner or occupant against Owner, Engineer, or any other party indemnified hereunder to the extent caused directly or indirectly, in whole or in part by, or based upon, Contractor's performance of the Work, or because of other actions or conduct of the Contractor or those for which Contractor is responsible.

- B. *Removal of Debris During Performance of the Work:* During the progress of the Work the Contractor shall keep the Site and other adjacent areas free from accumulations of waste materials, rubbish, and other debris. Removal and disposal of such waste materials, rubbish, and other debris will conform to applicable Laws and Regulations.
- C. *Cleaning:* Prior to Substantial Completion of the Work Contractor shall clean the Site and the Work and make it ready for utilization by Owner. At the completion of the Work Contractor shall remove from the Site and adjacent areas all tools, appliances, construction equipment and machinery, and surplus materials and shall restore to original condition all property not designated for alteration by the Contract Documents.
- D. *Loading of Structures:* Contractor shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall Contractor subject any part of the Work or adjacent structures or land to stresses or pressures that will endanger them.

5.3 *Subsurface and Physical Conditions*

- A. *Reports and Drawings:* The Supplementary Conditions identify:
 1. Those reports of explorations and tests of subsurface conditions at or adjacent to the Site that contain Technical Data;
 2. Those drawings of existing physical conditions at or adjacent to the Site, including those drawings depicting existing surface or subsurface structures at or adjacent to the Site (except Underground Facilities), that contain Technical Data; and
 3. Technical Data contained in such reports and drawings.
- B. *Underground Facilities:* Underground Facilities are shown or indicated on the Drawings, pursuant to Paragraph 5.05, and not in the drawings referred to in Paragraph 5.03.A. Information and data regarding the presence or location of Underground Facilities are not intended to be categorized, identified, or defined as Technical Data.

- C. ~~Reliance by Contractor on Technical Data: Contractor may rely upon the accuracy of the Technical Data expressly identified in the Supplementary Conditions with respect to such reports and drawings, but such reports and drawings are not Contract Documents. If no such express identification has been made, then Contractor may rely upon the accuracy of the Technical Data as defined in Paragraph 1.01.A.46.b.~~

See SC-5.03

- D. *Limitations of Other Data and Documents:* Except for such reliance on Technical Data, Contractor may not rely upon or make any claim against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, with respect to:
1. The completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor, and safety precautions and programs incident thereto;
 2. Other data, interpretations, opinions, and information contained in such reports or shown or indicated in such drawings;
 3. The contents of other Site-related documents made available to Contractor, such as record drawings from other projects at or adjacent to the Site, or Owner's archival documents concerning the Site; or
 4. Any Contractor interpretation of or conclusion drawn from any Technical Data or any such other data, interpretations, opinions, or information.

See SC-5.03

5.4 *Differing Subsurface or Physical Conditions*

- A. ~~Notice by Contractor: If Contractor believes that any subsurface or physical condition that is uncovered or revealed at the Site:~~
1. ~~is of such a nature as to establish that any Technical Data on which Contractor is entitled to rely as provided in Paragraph 5.03 is materially inaccurate;~~
 2. ~~is of such a nature as to require a change in the Drawings or Specifications;~~
 3. ~~Differs materially from that shown or indicated in the Contract Documents; or~~
 4. ~~Is of an unusual nature, and differs materially from conditions ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract Documents;~~
- ~~then Contractor shall, promptly after becoming aware thereof and before further disturbing the subsurface or physical conditions or performing any Work in connection therewith (except in an emergency as required by Paragraph 7.15), notify Owner and Engineer in writing about such condition. Contractor shall not further disturb such condition or perform any Work in connection therewith (except with respect to an emergency) until receipt of a written statement permitting Contractor to do so.~~

See SC-5.04

- B. *Engineer's Review:* After receipt of written notice as required by the preceding paragraph, Engineer will promptly review the subsurface or physical condition in question; determine whether it is necessary for Owner to obtain additional exploration or tests with respect to the condition; conclude

whether the condition falls within any one or more of the differing site condition categories in Paragraph 5.04.A; obtain any pertinent cost or schedule information from Contractor; prepare recommendations to Owner regarding the Contractor's resumption of Work in connection with the subsurface or physical condition in question and the need for any change in the Drawings or Specifications; and advise Owner in writing of Engineer's findings, conclusions, and recommendations.

- C. *Owner's Statement to Contractor Regarding Site Condition:* After receipt of Engineer's written findings, conclusions, and recommendations, Owner shall issue a written statement to Contractor (with a copy to Engineer) regarding the subsurface or physical condition in question, addressing the resumption of Work in connection with such condition, indicating whether any change in the Drawings or Specifications will be made, and adopting or rejecting Engineer's written findings, conclusions, and recommendations, in whole or in part.
- D. *Early Resumption of Work:* If at any time Engineer determines that Work in connection with the subsurface or physical condition in question may resume prior to completion of Engineer's review or Owner's issuance of its statement to Contractor, because the condition in question has been adequately documented, and analyzed on a preliminary basis, then the Engineer may at its discretion instruct Contractor to resume such Work.
- E. *Possible Price and Times Adjustments*
 - 1. Contractor shall be entitled to an equitable adjustment in Contract Price or Contract Times, to the extent that the existence of a differing subsurface or physical condition, or any related delay, disruption, or interference, causes an increase or decrease in Contractor's cost of, or time required for, performance of the Work; subject, however, to the following:
 - a. Such condition must fall within any one or more of the categories described in Paragraph 5.04.A;
 - b. With respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraph 13.03; and,
 - c. Contractor's entitlement to an adjustment of the Contract Times is subject to the provisions of Paragraphs 4.05.D and 4.05.E.
 - 2. Contractor shall not be entitled to any adjustment in the Contract Price or Contract Times with respect to a subsurface or physical condition if:
 - a. Contractor knew of the existence of such condition at the time Contractor made a commitment to Owner with respect to Contract Price and Contract Times by the submission of a Bid or becoming bound under a negotiated contract, or otherwise;
 - b. The existence of such condition reasonably could have been discovered or revealed as a result of any examination, investigation, exploration, test, or study of the Site and contiguous areas expressly required by the Bidding Requirements or Contract Documents to be conducted by or for Contractor prior to Contractor's making such commitment; or
 - c. Contractor failed to give the written notice required by Paragraph 5.04.A.
 - 3. If Owner and Contractor agree regarding Contractor's entitlement to and the amount or extent of any adjustment in the Contract Price or Contract Times, then any such adjustment will be set forth in a Change Order.
 - 4. Contractor may submit a Change Proposal regarding its entitlement to or the amount or extent of any adjustment in the Contract Price or Contract Times, no later than 30 days after Owner's

issuance of the Owner's written statement to Contractor regarding the subsurface or physical condition in question.

- F. *Underground Facilities; Hazardous Environmental Conditions:* Paragraph 5.05 governs rights and responsibilities regarding the presence or location of Underground Facilities. Paragraph 5.06 governs rights and responsibilities regarding Hazardous Environmental Conditions. The provisions of Paragraphs 5.03 and 5.04 are not applicable to the presence or location of Underground Facilities, or to Hazardous Environmental Conditions.

5.5 *Underground Facilities*

- A. *Contractor's Responsibilities:* Unless it is otherwise expressly provided in the Supplementary Conditions, the cost of all of the following are included in the Contract Price, and Contractor shall have full responsibility for:
1. reviewing and checking all information and data regarding existing Underground Facilities at the Site;
 2. complying with applicable state and local utility damage prevention Laws and Regulations;
 3. Verifying the actual location of those Underground Facilities shown or indicated in the Contract Documents as being within the area affected by the Work, by exposing such Underground Facilities during the course of construction;
 4. coordination of the Work with the owners (including Owner) of such Underground Facilities, during construction; and
 5. the safety and protection of all existing Underground Facilities at the Site, and repairing any damage thereto resulting from the Work.
- B. *Notice by Contractor:* If Contractor believes that an Underground Facility that is uncovered or revealed at the Site was not shown or indicated on the Drawings, or was not shown or indicated on the Drawings with reasonable accuracy, then Contractor shall, promptly after becoming aware thereof and before further disturbing conditions affected thereby or performing any Work in connection therewith (except in an emergency as required by Paragraph 7.15), notify Owner and Engineer in writing regarding such Underground Facility.
- C. *Engineer's Review:* Engineer will:
1. promptly review the Underground Facility and conclude whether such Underground Facility was not shown or indicated on the Drawings, or was not shown or indicated with reasonable accuracy;
 2. identify and communicate with the owner of the Underground Facility; prepare recommendations to Owner (and if necessary issue any preliminary instructions to Contractor) regarding the Contractor's resumption of Work in connection with the Underground Facility in question;
 3. obtain any pertinent cost or schedule information from Contractor; determine the extent, if any, to which a change is required in the Drawings or Specifications to reflect and document the consequences of the existence or location of the Underground Facility; and
 4. advise Owner in writing of Engineer's findings, conclusions, and recommendations.

During such time, Contractor shall be responsible for the safety and protection of such Underground Facility.

- D. *Owner's Statement to Contractor Regarding Underground Facility:* After receipt of Engineer's written findings, conclusions, and recommendations, Owner shall issue a written statement to Contractor (with a copy to Engineer) regarding the Underground Facility in question addressing the resumption of Work in connection with such Underground Facility, indicating whether any change in the Drawings or Specifications will be made, and adopting or rejecting Engineer's written findings, conclusions, and recommendations in whole or in part.
- E. *Early Resumption of Work:* If at any time Engineer determines that Work in connection with the Underground Facility may resume prior to completion of Engineer's review or Owner's issuance of its statement to Contractor, because the Underground Facility in question and conditions affected by its presence have been adequately documented, and analyzed on a preliminary basis, then the Engineer may at its discretion instruct Contractor to resume such Work.
- F. *Possible Price and Times Adjustments*
 - 1. Contractor shall be entitled to an equitable adjustment in the Contract Price or Contract Times, to the extent that any existing Underground Facility at the Site that was not shown or indicated on the Drawings, or was not shown or indicated with reasonable accuracy, or any related delay, disruption, or interference, causes an increase or decrease in Contractor's cost of, or time required for, performance of the Work; subject, however, to the following:
 - a. With respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraph 13.03;
 - b. Contractor's entitlement to an adjustment of the Contract Times is subject to the provisions of Paragraphs 4.05.D and 4.05.E; and
 - c. Contractor gave the notice required in Paragraph 5.05.B.
 - 2. If Owner and Contractor agree regarding Contractor's entitlement to and the amount or extent of any adjustment in the Contract Price or Contract Times, then any such adjustment will be set forth in a Change Order.
 - 3. Contractor may submit a Change Proposal regarding its entitlement to or the amount or extent of any adjustment in the Contract Price or Contract Times, no later than 30 days after Owner's issuance of the Owner's written statement to Contractor regarding the Underground Facility in question.
 - 4. The information and data shown or indicated on the Drawings with respect to existing Underground Facilities at the Site is based on information and data (a) furnished by the owners of such Underground Facilities, or by others, (b) obtained from available records, or (c) gathered in an investigation conducted in accordance with the current edition of ASCE 38, Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data, by the American Society of Civil Engineers. If such information or data is incorrect or incomplete, Contractor's remedies are limited to those set forth in this Paragraph 5.05.F.

5.6 *Hazardous Environmental Conditions at Site*

- A. ~~Reports and Drawings: The Supplementary Conditions identify:~~
 - 1. ~~Those reports known to Owner relating to Hazardous Environmental Conditions that have been identified at or adjacent to the Site;~~
 - 2. ~~Drawings known to Owner relating to Hazardous Environmental Conditions that have been identified at or adjacent to the Site; and~~

3. ~~Technical Data contained in such reports and drawings.~~
- B. ~~*Reliance by Contractor on Technical Data Authorized:* Contractor may rely upon the accuracy of the Technical Data expressly identified in the Supplementary Conditions with respect to such reports and drawings, but such reports and drawings are not Contract Documents. If no such express identification has been made, then Contractor may rely on the accuracy of the Technical Data as defined in Paragraph 1.01.A.46.b. Except for such reliance on Technical Data, Contractor may not rely upon or make any claim against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, with respect to:~~
1. ~~the completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences and procedures of construction to be employed by Contractor, and safety precautions and programs incident thereto;~~
 2. ~~Other data, interpretations, opinions, and information contained in such reports or shown or indicated in such drawings; or~~
 3. ~~Any Contractor interpretation of or conclusion drawn from any Technical Data or any such other data, interpretations, opinions or information.~~

See SC-5.06

- C. Contractor shall not be responsible for removing or remediating any Hazardous Environmental Condition encountered, uncovered, or revealed at the Site unless such removal or remediation is expressly identified in the Contract Documents to be within the scope of the Work.
- D. Contractor shall be responsible for controlling, containing, and duly removing all Constituents of Concern brought to the Site by Contractor, Subcontractors, Suppliers, or anyone else for whom Contractor is responsible, and for any associated costs; and for the costs of removing and remediating any Hazardous Environmental Condition created by the presence of any such Constituents of Concern.
- E. If Contractor encounters, uncovers, or reveals a Hazardous Environmental Condition whose removal or remediation is not expressly identified in the Contract Documents as being within the scope of the Work, or if Contractor or anyone for whom Contractor is responsible creates a Hazardous Environmental Condition, then Contractor shall immediately: (1) secure or otherwise isolate such condition; (2) stop all Work in connection with such condition and in any area affected thereby (except in an emergency as required by Paragraph 7.15); and (3) notify Owner and Engineer (and promptly thereafter confirm such notice in writing). Owner shall promptly consult with Engineer concerning the necessity for Owner to retain a qualified expert to evaluate such condition or take corrective action, if any. Promptly after consulting with Engineer, Owner shall take such actions as are necessary to permit Owner to timely obtain required permits and provide Contractor the written notice required by Paragraph 5.06.F. If Contractor or anyone for whom Contractor is responsible created the Hazardous Environmental Condition in question, then Owner may remove and remediate the Hazardous Environmental Condition, and impose a set-off against payments to account for the associated costs.
- F. Contractor shall not resume Work in connection with such Hazardous Environmental Condition or in any affected area until after Owner has obtained any required permits related thereto, and delivered written notice to Contractor either (1) specifying that such condition and any affected area is or has been rendered safe for the resumption of Work, or (2) specifying any special conditions under which such Work may be resumed safely.

- G. If Owner and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times, as a result of such Work stoppage, such special conditions under which Work is agreed to be resumed by Contractor, or any costs or expenses incurred in response to the Hazardous Environmental Condition, then within 30 days of Owner's written notice regarding the resumption of Work, Contractor may submit a Change Proposal, or Owner may impose a set-off. Entitlement to any such adjustment is subject to the provisions of Paragraphs 4.05.D, 4.05.E, 11.07, and 11.08.
- H. If, after receipt of such written notice, Contractor does not agree to resume such Work based on a reasonable belief it is unsafe, or does not agree to resume such Work under such special conditions, then Owner may order the portion of the Work that is in the area affected by such condition to be deleted from the Work, following the contractual change procedures in Article 11. Owner may have such deleted portion of the Work performed by Owner's own forces or others in accordance with Article 8.
- I. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court, arbitration, or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition, provided that such Hazardous Environmental Condition (1) was not shown or indicated in the Drawings, Specifications, or other Contract Documents, identified as Technical Data entitled to limited reliance pursuant to Paragraph 5.06.B, or identified in the Contract Documents to be included within the scope of the Work, and (2) was not created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 5.06.I obligates Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- J. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the failure to control, contain, or remove a Constituent of Concern brought to the Site by Contractor or by anyone for whom Contractor is responsible, or to a Hazardous Environmental Condition created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 5.06.J obligates Contractor to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- K. The provisions of Paragraphs 5.03, 5.04, and 5.05 do not apply to the presence of Constituents of Concern or to a Hazardous Environmental Condition uncovered or revealed at the Site.

ARTICLE 6—BONDS AND INSURANCE

6.1 *Performance, Payment, and Other Bonds*

- A. Contractor shall furnish a performance bond and a payment bond, each in an amount at least equal to the Contract Price, as security for the faithful performance and payment of Contractor's obligations under the Contract. These bonds must remain in effect until one year after the date when final payment becomes due or until completion of the correction period specified in Paragraph 15.08,

whichever is later, except as provided otherwise by Laws or Regulations, the terms of a prescribed bond form, the Supplementary Conditions, or other provisions of the Contract.

- B. Contractor shall also furnish such other bonds (if any) as are required by the Supplementary Conditions or other provisions of the Contract.
- C. All bonds must be in the form included in the Bidding Documents or otherwise specified by Owner prior to execution of the Contract, except as provided otherwise by Laws or Regulations, and must be issued and signed by a surety named in "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Department Circular 570 (as amended and supplemented) by the Bureau of the Fiscal Service, U.S. Department of the Treasury. A bond signed by an agent or attorney-in-fact must be accompanied by a certified copy of that individual's authority to bind the surety. The evidence of authority must show that it is effective on the date the agent or attorney-in-fact signed the accompanying bond.
- D. Contractor shall obtain the required bonds from surety companies that are duly licensed or authorized, in the state or jurisdiction in which the Project is located, to issue bonds in the required amounts.
- E. If the surety on a bond furnished by Contractor is declared bankrupt or becomes insolvent, or the surety ceases to meet the requirements above, then Contractor shall promptly notify Owner and Engineer in writing and shall, within 20 days after the event giving rise to such notification, provide another bond and surety, both of which must comply with the bond and surety requirements above.
- F. If Contractor has failed to obtain a required bond, Owner may exclude the Contractor from the Site and exercise Owner's termination rights under Article 16.
- G. Upon request to Owner from any Subcontractor, Supplier, or other person or entity claiming to have furnished labor, services, materials, or equipment used in the performance of the Work, Owner shall provide a copy of the payment bond to such person or entity.
- H. Upon request to Contractor from any Subcontractor, Supplier, or other person or entity claiming to have furnished labor, services, materials, or equipment used in the performance of the Work, Contractor shall provide a copy of the payment bond to such person or entity.

6.2 *Insurance—General Provisions*

- A. Owner and Contractor shall obtain and maintain insurance as required in this article and in the Supplementary Conditions.

See SC-6.02

- B. All insurance required by the Contract to be purchased and maintained by Owner or Contractor shall be obtained from insurance companies that are duly licensed or authorized in the state or jurisdiction in which the Project is located to issue insurance policies for the required limits and coverages. Unless a different standard is indicated in the Supplementary Conditions, all companies that provide insurance policies required under this Contract shall have an A.M. Best rating of A-VII or better.
- C. Alternative forms of insurance coverage, including but not limited to self-insurance and "Occupational Accident and Excess Employer's Indemnity Policies," are not sufficient to meet the insurance requirements of this Contract, unless expressly allowed in the Supplementary Conditions.
- D. Contractor shall deliver to Owner, with copies to each additional insured identified in the Contract, certificates of insurance and endorsements establishing that Contractor has obtained and is maintaining the policies and coverages required by the Contract. Upon request by Owner or any other

insured, Contractor shall also furnish other evidence of such required insurance, including but not limited to copies of policies, documentation of applicable self-insured retentions (if allowed) and deductibles, full disclosure of all relevant exclusions, and evidence of insurance required to be purchased and maintained by Subcontractors or Suppliers. In any documentation furnished under this provision, Contractor, Subcontractors, and Suppliers may block out (redact) (1) any confidential premium or pricing information and (2) any wording specific to a project or jurisdiction other than those applicable to this Contract.

- E. Owner shall deliver to Contractor, with copies to each additional insured identified in the Contract, certificates of insurance and endorsements establishing that Owner has obtained and is maintaining the policies and coverages required of Owner by the Contract (if any). Upon request by Contractor or any other insured, Owner shall also provide other evidence of such required insurance (if any), including but not limited to copies of policies, documentation of applicable self-insured retentions (if allowed) and deductibles, and full disclosure of all relevant exclusions. In any documentation furnished under this provision, Owner may block out (redact) (1) any confidential premium or pricing information and (2) any wording specific to a project or jurisdiction other than those relevant to this Contract.
- F. Failure of Owner or Contractor to demand such certificates or other evidence of the other party's full compliance with these insurance requirements, or failure of Owner or Contractor to identify a deficiency in compliance from the evidence provided, will not be construed as a waiver of the other party's obligation to obtain and maintain such insurance.
- G. In addition to the liability insurance required to be provided by Contractor, the Owner, at Owner's option, may purchase and maintain Owner's own liability insurance. Owner's liability policies, if any, operate separately and independently from policies required to be provided by Contractor, and Contractor cannot rely upon Owner's liability policies for any of Contractor's obligations to the Owner, Engineer, or third parties.
- H. Contractor shall require:
 - 1. Subcontractors to purchase and maintain worker's compensation, commercial general liability, and other insurance that is appropriate for their participation in the Project, and to name as additional insureds Owner and Engineer (and any other individuals or entities identified in the Supplementary Conditions as additional insureds on Contractor's liability policies) on each Subcontractor's commercial general liability insurance policy; and
 - 2. Suppliers to purchase and maintain insurance that is appropriate for their participation in the Project.
- I. If either party does not purchase or maintain the insurance required of such party by the Contract, such party shall notify the other party in writing of such failure to purchase prior to the start of the Work, or of such failure to maintain prior to any change in the required coverage.
- J. If Contractor has failed to obtain and maintain required insurance, Contractor's entitlement to enter or remain at the Site will end immediately, and Owner may impose an appropriate set-off against payment for any associated costs (including but not limited to the cost of purchasing necessary insurance coverage), and exercise Owner's termination rights under Article 16.

See SC-6.02

- K. Without prejudice to any other right or remedy, if a party has failed to obtain required insurance, the other party may elect (but is in no way obligated) to obtain equivalent insurance to protect such other

party's interests at the expense of the party who was required to provide such coverage, and the Contract Price will be adjusted accordingly.

- L. Owner does not represent that insurance coverage and limits established in this Contract necessarily will be adequate to protect Contractor or Contractor's interests. Contractor is responsible for determining whether such coverage and limits are adequate to protect its interests, and for obtaining and maintaining any additional insurance that Contractor deems necessary.
- M. The insurance and insurance limits required herein will not be deemed as a limitation on Contractor's liability, or that of its Subcontractors or Suppliers, under the indemnities granted to Owner and other individuals and entities in the Contract or otherwise.
- N. All the policies of insurance required to be purchased and maintained under this Contract will contain a provision or endorsement that the coverage afforded will not be canceled, or renewal refused, until at least 10 days prior written notice has been given to the purchasing policyholder. Within three days of receipt of any such written notice, the purchasing policyholder shall provide a copy of the notice to each other insured and Engineer.

6.3 Contractor's Insurance

- A. *Required Insurance:* Contractor shall purchase and maintain Worker's Compensation, Commercial General Liability, and other insurance pursuant to the specific requirements of the Supplementary Conditions.

See SC-6.03

- B. *General Provisions:* The policies of insurance required by this Paragraph 6.03 as supplemented must:
 - 1. include at least the specific coverages required;
 - 2. be written for not less than the limits provided, or those required by Laws or Regulations, whichever is greater;
 - 3. remain in effect at least until the Work is complete (as set forth in Paragraph 15.06.D), and longer if expressly required elsewhere in this Contract, and at all times thereafter when Contractor may be correcting, removing, or replacing defective Work as a warranty or correction obligation, or otherwise, or returning to the Site to conduct other tasks arising from the Contract;
 - 4. apply with respect to the performance of the Work, whether such performance is by Contractor, any Subcontractor or Supplier, or by anyone directly or indirectly employed by any of them to perform any of the Work, or by anyone for whose acts any of them may be liable; and
 - 5. include all necessary endorsements to support the stated requirements.
- C. *Additional Insureds:* The Contractor's commercial general liability, automobile liability, employer's liability, umbrella or excess, pollution liability, and unmanned aerial vehicle liability policies, if required by this Contract, must:
 - 1. include and list as additional insureds Owner and Engineer, and any individuals or entities identified as additional insureds in the Supplementary Conditions;
 - 2. include coverage for the respective officers, directors, members, partners, employees, and consultants of all such additional insureds;
 - 3. afford primary coverage to these additional insureds for all claims covered thereby (including as applicable those arising from both ongoing and completed operations);

4. not seek contribution from insurance maintained by the additional insured; and
5. As to commercial general liability insurance, apply to additional insureds with respect to liability caused in whole or in part by Contractor's acts or omissions, or the acts and omissions of those working on Contractor's behalf, in the performance of Contractor's operations.

See SC-6.03

6.4 *Builder's Risk and Other Property Insurance*

- A. ~~*Builder's Risk:* Unless otherwise provided in the Supplementary Conditions, Contractor shall purchase and maintain builder's risk insurance upon the Work on a completed value basis, in the amount of the Work's full insurable replacement cost (subject to such deductible amounts as may be provided in the Supplementary Conditions or required by Laws and Regulations). The specific requirements applicable to the builder's risk insurance are set forth in the Supplementary Conditions.~~

See SC-6.04

- B. *Property Insurance for Facilities of Owner Where Work Will Occur:* Owner is responsible for obtaining and maintaining property insurance covering each existing structure, building, or facility in which any part of the Work will occur, or to which any part of the Work will attach or be adjoined. Such property insurance will be written on a special perils (all-risk) form, on a replacement cost basis, providing coverage consistent with that required for the builder's risk insurance, and will be maintained until the Work is complete, as set forth in Paragraph 15.06.D.
- C. *Property Insurance for Substantially Complete Facilities:* Promptly after Substantial Completion, and before actual occupancy or use of the substantially completed Work, Owner will obtain property insurance for such substantially completed Work, and maintain such property insurance at least until the Work is complete, as set forth in Paragraph 15.06.D. Such property insurance will be written on a special perils (all-risk) form, on a replacement cost basis, and provide coverage consistent with that required for the builder's risk insurance. The builder's risk insurance may terminate upon written confirmation of Owner's procurement of such property insurance.
- D. *Partial Occupancy or Use by Owner:* If Owner will occupy or use a portion or portions of the Work prior to Substantial Completion of all the Work, as provided in Paragraph 15.04, then Owner (directly, if it is the purchaser of the builder's risk policy, or through Contractor) will provide advance notice of such occupancy or use to the builder's risk insurer, and obtain an endorsement consenting to the continuation of coverage prior to commencing such partial occupancy or use.
- E. *Insurance of Other Property; Additional Insurance:* If the express insurance provisions of the Contract do not require or address the insurance of a property item or interest, then the entity or individual owning such property item will be responsible for insuring it. If Contractor elects to obtain other special insurance to be included in or supplement the builder's risk or property insurance policies provided under this Paragraph 6.04, it may do so at Contractor's expense.

6.5 *Property Losses; Subrogation*

- A. The builder's risk insurance policy purchased and maintained in accordance with Paragraph 6.04 (or an installation floater policy if authorized by the Supplementary Conditions), will contain provisions to the effect that in the event of payment of any loss or damage the insurer will have no rights of recovery against any insureds thereunder, or against Engineer or its consultants, or their officers, directors, members, partners, employees, agents, consultants, or subcontractors.

1. Owner and Contractor waive all rights against each other and the respective officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, for all losses and damages caused by, arising out of, or resulting from any of the perils, risks, or causes of loss covered by such policies and any other property insurance applicable to the Work; and, in addition, waive all such rights against Engineer, its consultants, all individuals or entities identified in the Supplementary Conditions as builder's risk or installation floater insureds, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, under such policies for losses and damages so caused.
 2. None of the above waivers extends to the rights that any party making such waiver may have to the proceeds of insurance held by Owner or Contractor as trustee or fiduciary, or otherwise payable under any policy so issued.
- B. Any property insurance policy maintained by Owner covering any loss, damage, or consequential loss to Owner's existing structures, buildings, or facilities in which any part of the Work will occur, or to which any part of the Work will attach or adjoin; to adjacent structures, buildings, or facilities of Owner; or to part or all of the completed or substantially completed Work, during partial occupancy or use pursuant to Paragraph 15.04, after Substantial Completion pursuant to Paragraph 15.03, or after final payment pursuant to Paragraph 15.06, will contain provisions to the effect that in the event of payment of any loss or damage the insurer will have no rights of recovery against any insureds thereunder, or against Contractor, Subcontractors, or Engineer, or the officers, directors, members, partners, employees, agents, consultants, or subcontractors of each and any of them, and that the insured is allowed to waive the insurer's rights of subrogation in a written contract executed prior to the loss, damage, or consequential loss.
1. Owner waives all rights against Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, for all losses and damages caused by, arising out of, or resulting from fire or any of the perils, risks, or causes of loss covered by such policies.
- C. The waivers in this Paragraph 6.05 include the waiver of rights due to business interruption, loss of use, or other consequential loss extending beyond direct physical loss or damage to Owner's property or the Work caused by, arising out of, or resulting from fire or other insured peril, risk, or cause of loss.
- D. Contractor shall be responsible for assuring that each Subcontract contains provisions whereby the Subcontractor waives all rights against Owner, Contractor, all individuals or entities identified in the Supplementary Conditions as insureds, the Engineer and its consultants, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, for all losses and damages caused by, arising out of, relating to, or resulting from fire or other peril, risk, or cause of loss covered by builder's risk insurance, installation floater, and any other property insurance applicable to the Work.

6.6 *Receipt and Application of Property Insurance Proceeds*

- A. Any insured loss under the builder's risk and other policies of property insurance required by Paragraph 6.04 will be adjusted and settled with the named insured that purchased the policy. Such named insured shall act as fiduciary for the other insureds, and give notice to such other insureds that adjustment and settlement of a claim is in progress. Any other insured may state its position regarding a claim for insured loss in writing within 15 days after notice of such claim.

- B. Proceeds for such insured losses may be made payable by the insurer either jointly to multiple insureds, or to the named insured that purchased the policy in its own right and as fiduciary for other insureds, subject to the requirements of any applicable mortgage clause. A named insured receiving insurance proceeds under the builder's risk and other policies of insurance required by Paragraph 6.04 shall maintain such proceeds in a segregated account, and distribute such proceeds in accordance with such agreement as the parties in interest may reach, or as otherwise required under the dispute resolution provisions of this Contract or applicable Laws and Regulations.
- C. If no other special agreement is reached, Contractor shall repair or replace the damaged Work, using allocated insurance proceeds.

ARTICLE 7—CONTRACTOR'S RESPONSIBILITIES

7.1 *Contractor's Means and Methods of Construction*

- A. Contractor shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction.
- B. If the Contract Documents note, or Contractor determines, that professional engineering or other design services are needed to carry out Contractor's responsibilities for construction means, methods, techniques, sequences, and procedures, or for Site safety, then Contractor shall cause such services to be provided by a properly licensed design professional, at Contractor's expense. Such services are not Owner-delegated professional design services under this Contract, and neither Owner nor Engineer has any responsibility with respect to (1) Contractor's determination of the need for such services, (2) the qualifications or licensing of the design professionals retained or employed by Contractor, (3) the performance of such services, or (4) any errors, omissions, or defects in such services.

7.2 *Supervision and Superintendence*

- A. Contractor shall supervise, inspect, and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents.
- B. At all times during the progress of the Work, Contractor shall assign a competent resident superintendent who will not be replaced without written notice to Owner and Engineer except under extraordinary circumstances.

7.3 *Labor; Working Hours*

- A. Contractor shall provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. Contractor shall maintain good discipline and order at the Site.
- B. Contractor shall be fully responsible to Owner and Engineer for all acts and omissions of Contractor's employees; of Suppliers and Subcontractors, and their employees; and of any other individuals or entities performing or furnishing any of the Work, just as Contractor is responsible for Contractor's own acts and omissions.
- C. Except as otherwise required for the safety or protection of persons or the Work or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents, all Work at the Site will be performed during regular working hours, Monday through Friday. Contractor will not perform Work on a Saturday, Sunday, or any legal holiday. Contractor may perform Work outside

regular working hours or on Saturdays, Sundays, or legal holidays only with Owner's written consent, which will not be unreasonably withheld.

7.4 *Services, Materials, and Equipment*

- A. Unless otherwise specified in the Contract Documents, Contractor shall provide and assume full responsibility for all services, materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities, and all other facilities and incidentals necessary for the performance, testing, start up, and completion of the Work, whether or not such items are specifically called for in the Contract Documents.
- B. All materials and equipment incorporated into the Work must be new and of good quality, except as otherwise provided in the Contract Documents. All special warranties and guarantees required by the Specifications will expressly run to the benefit of Owner. If required by Engineer, Contractor shall furnish satisfactory evidence (including reports of required tests) as to the source, kind, and quality of materials and equipment.
- C. All materials and equipment must be stored, applied, installed, connected, erected, protected, used, cleaned, and conditioned in accordance with instructions of the applicable Supplier, except as otherwise may be provided in the Contract Documents.

See SC-7.04

7.5 *"Or Equals"*

- A. *Contractor's Request; Governing Criteria:* Whenever an item of equipment or material is specified or described in the Contract Documents by using the names of one or more proprietary items or specific Suppliers, the Contract Price has been based upon Contractor furnishing such item as specified. The specification or description of such an item is intended to establish the type, function, appearance, and quality required. Unless the specification or description contains or is followed by words reading that no like, equivalent, or "or equal" item is permitted, Contractor may request that Engineer authorize the use of other items of equipment or material, or items from other proposed Suppliers, under the circumstances described below.
 - 1. If Engineer in its sole discretion determines that an item of equipment or material proposed by Contractor is functionally equal to that named and sufficiently similar so that no change in related Work will be required, Engineer will deem it an "or equal" item. For the purposes of this paragraph, a proposed item of equipment or material will be considered functionally equal to an item so named if:
 - a. in the exercise of reasonable judgment Engineer determines that the proposed item:
 - 1) is at least equal in materials of construction, quality, durability, appearance, strength, and design characteristics;
 - 2) will reliably perform at least equally well the function and achieve the results imposed by the design concept of the completed Project as a functioning whole;
 - 3) has a proven record of performance and availability of responsive service; and
 - 4) is not objectionable to Owner.
 - b. Contractor certifies that, if the proposed item is approved and incorporated into the Work:
 - 1) there will be no increase in cost to the Owner or increase in Contract Times; and

- 2) the item will conform substantially to the detailed requirements of the item named in the Contract Documents.
- B. *Contractor's Expense*: Contractor shall provide all data in support of any proposed "or equal" item at Contractor's expense.
 - C. *Engineer's Evaluation and Determination*: Engineer will be allowed a reasonable time to evaluate each "or-equal" request. Engineer may require Contractor to furnish additional data about the proposed "or-equal" item. Engineer will be the sole judge of acceptability. No "or-equal" item will be ordered, furnished, installed, or utilized until Engineer's review is complete and Engineer determines that the proposed item is an "or-equal," which will be evidenced by an approved Shop Drawing or other written communication. Engineer will advise Contractor in writing of any negative determination.
 - D. *Effect of Engineer's Determination*: Neither approval nor denial of an "or-equal" request will result in any change in Contract Price. The Engineer's denial of an "or-equal" request will be final and binding, and may not be reversed through an appeal under any provision of the Contract.
 - E. *Treatment as a Substitution Request*: If Engineer determines that an item of equipment or material proposed by Contractor does not qualify as an "or-equal" item, Contractor may request that Engineer consider the item a proposed substitute pursuant to Paragraph 7.06.

7.6 Substitutes

- A. *Contractor's Request; Governing Criteria*: Unless the specification or description of an item of equipment or material required to be furnished under the Contract Documents contains or is followed by words reading that no substitution is permitted, Contractor may request that Engineer authorize the use of other items of equipment or material under the circumstances described below. To the extent possible such requests must be made before commencement of related construction at the Site.
 1. Contractor shall submit sufficient information as provided below to allow Engineer to determine if the item of material or equipment proposed is functionally equivalent to that named and an acceptable substitute therefor. Engineer will not accept requests for review of proposed substitute items of equipment or material from anyone other than Contractor.
 2. The requirements for review by Engineer will be as set forth in Paragraph 7.06.B, as supplemented by the Specifications, and as Engineer may decide is appropriate under the circumstances.
 3. Contractor shall make written application to Engineer for review of a proposed substitute item of equipment or material that Contractor seeks to furnish or use. The application:
 - a. will certify that the proposed substitute item will:
 - 1) perform adequately the functions and achieve the results called for by the general design;
 - 2) be similar in substance to the item specified; and
 - 3) be suited to the same use as the item specified.
 - b. will state:
 - 1) the extent, if any, to which the use of the proposed substitute item will necessitate a change in Contract Times;

- 2) whether use of the proposed substitute item in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with Owner for other work on the Project) to adapt the design to the proposed substitute item; and
 - 3) whether incorporation or use of the proposed substitute item in connection with the Work is subject to payment of any license fee or royalty.
- c. will identify:
- 1) all variations of the proposed substitute item from the item specified; and
 - 2) available engineering, sales, maintenance, repair, and replacement services.
- d. will contain an itemized estimate of all costs or credits that will result directly or indirectly from use of such substitute item, including but not limited to changes in Contract Price, shared savings, costs of redesign, and claims of other contractors affected by any resulting change.
- B. *Engineer's Evaluation and Determination:* Engineer will be allowed a reasonable time to evaluate each substitute request, and to obtain comments and direction from Owner. Engineer may require Contractor to furnish additional data about the proposed substitute item. Engineer will be the sole judge of acceptability. No substitute will be ordered, furnished, installed, or utilized until Engineer's review is complete and Engineer determines that the proposed item is an acceptable substitute. Engineer's determination will be evidenced by a Field Order or a proposed Change Order accounting for the substitution itself and all related impacts, including changes in Contract Price or Contract Times. Engineer will advise Contractor in writing of any negative determination.
- C. *Special Guarantee:* Owner may require Contractor to furnish at Contractor's expense a special performance guarantee or other surety with respect to any substitute.
- D. *Reimbursement of Engineer's Cost:* Engineer will record Engineer's costs in evaluating a substitute proposed or submitted by Contractor. Whether or not Engineer approves a substitute so proposed or submitted by Contractor, Contractor shall reimburse Owner for the reasonable charges of Engineer for evaluating each such proposed substitute. Contractor shall also reimburse Owner for the reasonable charges of Engineer for making changes in the Contract Documents (or in the provisions of any other direct contract with Owner) resulting from the acceptance of each proposed substitute.
- E. *Contractor's Expense:* Contractor shall provide all data in support of any proposed substitute at Contractor's expense.
- F. *Effect of Engineer's Determination:* If Engineer approves the substitution request, Contractor shall execute the proposed Change Order and proceed with the substitution. The Engineer's denial of a substitution request will be final and binding, and may not be reversed through an appeal under any provision of the Contract. Contractor may challenge the scope of reimbursement costs imposed under Paragraph 7.06.D, by timely submittal of a Change Proposal.

7.7 Concerning Subcontractors and Suppliers

- A. Contractor may retain Subcontractors and Suppliers for the performance of parts of the Work. Such Subcontractors and Suppliers must be acceptable to Owner. The Contractor's retention of a Subcontractor or Supplier for the performance of parts of the Work will not relieve Contractor's obligation to Owner to perform and complete the Work in accordance with the Contract Documents.
- B. Contractor shall retain specific Subcontractors and Suppliers for the performance of designated parts of the Work if required by the Contract to do so.

- C. Subsequent to the submittal of Contractor's Bid or final negotiation of the terms of the Contract, Owner may not require Contractor to retain any Subcontractor or Supplier to furnish or perform any of the Work against which Contractor has reasonable objection.
- D. Prior to entry into any binding subcontract or purchase order, Contractor shall submit to Owner the identity of the proposed Subcontractor or Supplier (unless Owner has already deemed such proposed Subcontractor or Supplier acceptable during the bidding process or otherwise). Such proposed Subcontractor or Supplier shall be deemed acceptable to Owner unless Owner raises a substantive, reasonable objection within 5 days.
- E. Owner may require the replacement of any Subcontractor or Supplier. Owner also may require Contractor to retain specific replacements; provided, however, that Owner may not require a replacement to which Contractor has a reasonable objection. If Contractor has submitted the identity of certain Subcontractors or Suppliers for acceptance by Owner, and Owner has accepted it (either in writing or by failing to make written objection thereto), then Owner may subsequently revoke the acceptance of any such Subcontractor or Supplier so identified solely on the basis of substantive, reasonable objection after due investigation. Contractor shall submit an acceptable replacement for the rejected Subcontractor or Supplier.
- F. If Owner requires the replacement of any Subcontractor or Supplier retained by Contractor to perform any part of the Work, then Contractor shall be entitled to an adjustment in Contract Price or Contract Times, with respect to the replacement; and Contractor shall initiate a Change Proposal for such adjustment within 30 days of Owner's requirement of replacement.
- G. No acceptance by Owner of any such Subcontractor or Supplier, whether initially or as a replacement, will constitute a waiver of the right of Owner to the completion of the Work in accordance with the Contract Documents.
- H. On a monthly basis, Contractor shall submit to Engineer a complete list of all Subcontractors and Suppliers having a direct contract with Contractor, and of all other Subcontractors and Suppliers known to Contractor at the time of submittal.
- I. Contractor shall be solely responsible for scheduling and coordinating the work of Subcontractors and Suppliers.
- J. The divisions and sections of the Specifications and the identifications of any Drawings do not control Contractor in dividing the Work among Subcontractors or Suppliers, or in delineating the Work to be performed by any specific trade.
- K. All Work performed for Contractor by a Subcontractor or Supplier must be pursuant to an appropriate contractual agreement that specifically binds the Subcontractor or Supplier to the applicable terms and conditions of the Contract for the benefit of Owner and Engineer.
- L. Owner may furnish to any Subcontractor or Supplier, to the extent practicable, information about amounts paid to Contractor for Work performed for Contractor by the Subcontractor or Supplier.
- M. Contractor shall restrict all Subcontractors and Suppliers from communicating with Engineer or Owner, except through Contractor or in case of an emergency, or as otherwise expressly allowed in this Contract.

7.8 *Patent Fees and Royalties*

- A. Contractor shall pay all license fees and royalties and assume all costs incident to the use in the performance of the Work or the incorporation in the Work of any invention, design, process, product,

or device which is the subject of patent rights or copyrights held by others. If an invention, design, process, product, or device is specified in the Contract Documents for use in the performance of the Work and if, to the actual knowledge of Owner or Engineer, its use is subject to patent rights or copyrights calling for the payment of any license fee or royalty to others, the existence of such rights will be disclosed in the Contract Documents.

- B. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, and its officers, directors, members, partners, employees, agents, consultants, and subcontractors, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device specified in the Contract Documents, but not identified as being subject to payment of any license fee or royalty to others required by patent rights or copyrights.
- C. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device not specified in the Contract Documents.

7.9 *Permits*

- A. Unless otherwise provided in the Contract Documents, Contractor shall obtain and pay for all construction permits, licenses, and certificates of occupancy. Owner shall assist Contractor, when necessary, in obtaining such permits and licenses. Contractor shall pay all governmental charges and inspection fees necessary for the prosecution of the Work which are applicable at the time of the submission of Contractor's Bid (or when Contractor became bound under a negotiated contract). Owner shall pay all charges of utility owners for connections for providing permanent service to the Work.

See SC-7.09

7.10 *Taxes*

- A. Contractor shall pay all sales, consumer, use, and other similar taxes required to be paid by Contractor in accordance with the Laws and Regulations of the place of the Project which are applicable during the performance of the Work.

7.11 *Laws and Regulations*

- A. Contractor shall give all notices required by and shall comply with all Laws and Regulations applicable to the performance of the Work. Neither Owner nor Engineer shall be responsible for monitoring Contractor's compliance with any Laws or Regulations.
- B. If Contractor performs any Work or takes any other action knowing or having reason to know that it is contrary to Laws or Regulations, Contractor shall bear all resulting costs and losses, and shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, from and against all

claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such Work or other action. It is not Contractor's responsibility to make certain that the Work described in the Contract Documents is in accordance with Laws and Regulations, but this does not relieve Contractor of its obligations under Paragraph 3.03.

- C. Owner or Contractor may give written notice to the other party of any changes after the submission of Contractor's Bid (or after the date when Contractor became bound under a negotiated contract) in Laws or Regulations having an effect on the cost or time of performance of the Work, including but not limited to changes in Laws or Regulations having an effect on procuring permits and on sales, use, value-added, consumption, and other similar taxes. If Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times resulting from such changes, then within 30 days of such written notice Contractor may submit a Change Proposal, or Owner may initiate a Claim.

See SC-7.11

7.12 *Record Documents*

- A. Contractor shall maintain in a safe place at the Site one printed record copy of all Drawings, Specifications, Addenda, Change Orders, Work Change Directives, Field Orders, written interpretations and clarifications, and approved Shop Drawings. Contractor shall keep such record documents in good order and annotate them to show changes made during construction. These record documents, together with all approved Samples, will be available to Engineer for reference. Upon completion of the Work, Contractor shall deliver these record documents to Engineer.

7.13 *Safety and Protection*

- A. Contractor shall be solely responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work. Such responsibility does not relieve Subcontractors of their responsibility for the safety of persons or property in the performance of their work, nor for compliance with applicable safety Laws and Regulations.
- B. Contractor shall designate a qualified and experienced safety representative whose duties and responsibilities are the prevention of Work-related accidents and the maintenance and supervision of safety precautions and programs.
- C. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury, or loss to:
 - 1. all persons on the Site or who may be affected by the Work;
 - 2. all the Work and materials and equipment to be incorporated therein, whether in storage on or off the Site; and
 - 3. other property at the Site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, other work in progress, utilities, and Underground Facilities not designated for removal, relocation, or replacement in the course of construction.
- D. All damage, injury, or loss to any property referred to in Paragraph 7.13.C.2 or 7.13.C.3 caused, directly or indirectly, in whole or in part, by Contractor, any Subcontractor, Supplier, or any other individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, shall be remedied by Contractor at its expense (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or

omissions of Owner or Engineer or anyone employed by any of them, or anyone for whose acts any of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of Contractor or any Subcontractor, Supplier, or other individual or entity directly or indirectly employed by any of them).

- E. Contractor shall comply with all applicable Laws and Regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection.
- F. Contractor shall notify Owner; the owners of adjacent property; the owners of Underground Facilities and other utilities (if the identity of such owners is known to Contractor); and other contractors and utility owners performing work at or adjacent to the Site, in writing, when Contractor knows that prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation, and replacement of their property or work in progress.
- G. Contractor shall comply with the applicable requirements of Owner's safety programs, if any. Any Owner's safety programs that are applicable to the Work are identified or included in the Supplementary Conditions or Specifications.

See SC-7.13

- H. Contractor shall inform Owner and Engineer of the specific requirements of Contractor's safety program with which Owner's and Engineer's employees and representatives must comply while at the Site.
- I. Contractor's duties and responsibilities for safety and protection will continue until all the Work is completed, Engineer has issued a written notice to Owner and Contractor in accordance with Paragraph 15.06.C that the Work is acceptable, and Contractor has left the Site (except as otherwise expressly provided in connection with Substantial Completion).
- J. Contractor's duties and responsibilities for safety and protection will resume whenever Contractor or any Subcontractor or Supplier returns to the Site to fulfill warranty or correction obligations, or to conduct other tasks arising from the Contract Documents.

7.14 *Hazard Communication Programs*

- A. Contractor shall be responsible for coordinating any exchange of safety data sheets (formerly known as material safety data sheets) or other hazard communication information required to be made available to or exchanged between or among employers at the Site in accordance with Laws or Regulations.

7.15 *Emergencies*

- A. In emergencies affecting the safety or protection of persons or the Work or property at the Site or adjacent thereto, Contractor is obligated to act to prevent damage, injury, or loss. Contractor shall give Engineer prompt written notice if Contractor believes that any significant changes in the Work or variations from the Contract Documents have been caused by an emergency, or are required as a result of Contractor's response to an emergency. If Engineer determines that a change in the Contract Documents is required because of an emergency or Contractor's response, a Work Change Directive or Change Order will be issued.

7.16 Submittals

A. Shop Drawing and Sample Requirements

1. Before submitting a Shop Drawing or Sample, Contractor shall:
 - a. review and coordinate the Shop Drawing or Sample with other Shop Drawings and Samples and with the requirements of the Work and the Contract Documents;
 - b. determine and verify:
 - 1) all field measurements, quantities, dimensions, specified performance and design criteria, installation requirements, materials, catalog numbers, and similar information with respect to the Submittal;
 - 2) the suitability of all materials and equipment offered with respect to the indicated application, fabrication, shipping, handling, storage, assembly, and installation pertaining to the performance of the Work; and
 - 3) all information relative to Contractor's responsibilities for means, methods, techniques, sequences, and procedures of construction, and safety precautions and programs incident thereto;
 - c. confirm that the Submittal is complete with respect to all related data included in the Submittal.
2. Each Shop Drawing or Sample must bear a stamp or specific written certification that Contractor has satisfied Contractor's obligations under the Contract Documents with respect to Contractor's review of that Submittal, and that Contractor approves the Submittal.
3. With each Shop Drawing or Sample, Contractor shall give Engineer specific written notice of any variations that the Submittal may have from the requirements of the Contract Documents. This notice must be set forth in a written communication separate from the Submittal; and, in addition, in the case of a Shop Drawing by a specific notation made on the Shop Drawing itself.

B. Submittal Procedures for Shop Drawings and Samples: Contractor shall label and submit Shop Drawings and Samples to Engineer for review and approval in accordance with the accepted Schedule of Submittals.

1. Shop Drawings

- a. Contractor shall submit the number of copies required in the Specifications.
- b. Data shown on the Shop Drawings must be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data to show Engineer the services, materials, and equipment Contractor proposes to provide, and to enable Engineer to review the information for the limited purposes required by Paragraph 7.16.C.

2. Samples

- a. Contractor shall submit the number of Samples required in the Specifications.
- b. Contractor shall clearly identify each Sample as to material, Supplier, pertinent data such as catalog numbers, the use for which intended and other data as Engineer may require to enable Engineer to review the Submittal for the limited purposes required by Paragraph 7.16.C.

3. Where a Shop Drawing or Sample is required by the Contract Documents or the Schedule of Submittals, any related Work performed prior to Engineer's review and approval of the pertinent submittal will be at the sole expense and responsibility of Contractor.

C. *Engineer's Review of Shop Drawings and Samples*

1. Engineer will provide timely review of Shop Drawings and Samples in accordance with the accepted Schedule of Submittals. Engineer's review and approval will be only to determine if the items covered by the Submittals will, after installation or incorporation in the Work, comply with the requirements of the Contract Documents, and be compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents.
2. Engineer's review and approval will not extend to means, methods, techniques, sequences, or procedures of construction, or to safety precautions or programs incident thereto.
3. Engineer's review and approval of a separate item as such will not indicate approval of the assembly in which the item functions.
4. Engineer's review and approval of a Shop Drawing or Sample will not relieve Contractor from responsibility for any variation from the requirements of the Contract Documents unless Contractor has complied with the requirements of Paragraph 7.16.A.3 and Engineer has given written approval of each such variation by specific written notation thereof incorporated in or accompanying the Shop Drawing or Sample. Engineer will document any such approved variation from the requirements of the Contract Documents in a Field Order or other appropriate Contract modification.
5. Engineer's review and approval of a Shop Drawing or Sample will not relieve Contractor from responsibility for complying with the requirements of Paragraphs 7.16.A and B.
6. Engineer's review and approval of a Shop Drawing or Sample, or of a variation from the requirements of the Contract Documents, will not, under any circumstances, change the Contract Times or Contract Price, unless such changes are included in a Change Order.
7. Neither Engineer's receipt, review, acceptance, or approval of a Shop Drawing or Sample will result in such item becoming a Contract Document.
8. Contractor shall perform the Work in compliance with the requirements and commitments set forth in approved Shop Drawings and Samples, subject to the provisions of Paragraph 7.16.C.4.

D. *Resubmittal Procedures for Shop Drawings and Samples*

1. Contractor shall make corrections required by Engineer and shall return the required number of corrected copies of Shop Drawings and submit, as required, new Samples for review and approval. Contractor shall direct specific attention in writing to revisions other than the corrections called for by Engineer on previous Submittals.
2. Contractor shall furnish required Shop Drawing and Sample submittals with sufficient information and accuracy to obtain required approval of an item with no more than two resubmittals. Engineer will record Engineer's time for reviewing a third or subsequent resubmittal of a Shop Drawing or Sample, and Contractor shall be responsible for Engineer's charges to Owner for such time. Owner may impose a set-off against payments due Contractor to secure reimbursement for such charges.
3. If Contractor requests a change of a previously approved Shop Drawing or Sample, Contractor shall be responsible for Engineer's charges to Owner for its review time, and Owner may impose

a set-off against payments due Contractor to secure reimbursement for such charges, unless the need for such change is beyond the control of Contractor.

E. *Submittals Other than Shop Drawings, Samples, and Owner-Delegated Designs*

1. The following provisions apply to all Submittals other than Shop Drawings, Samples, and Owner-delegated designs:
 - a. Contractor shall submit all such Submittals to the Engineer in accordance with the Schedule of Submittals and pursuant to the applicable terms of the Contract Documents.
 - b. Engineer will provide timely review of all such Submittals in accordance with the Schedule of Submittals and return such Submittals with a notation of either Accepted or Not Accepted. Any such Submittal that is not returned within the time established in the Schedule of Submittals will be deemed accepted.
 - c. Engineer's review will be only to determine if the Submittal is acceptable under the requirements of the Contract Documents as to general form and content of the Submittal.
 - d. If any such Submittal is not accepted, Contractor shall confer with Engineer regarding the reason for the non-acceptance, and resubmit an acceptable document.
2. Procedures for the submittal and acceptance of the Progress Schedule, the Schedule of Submittals, and the Schedule of Values are set forth in Paragraphs 2.03, 2.04, and 2.05.

F. Owner-delegated Designs: Submittals pursuant to Owner-delegated designs are governed by the provisions of Paragraph 7.19.

7.17 *Contractor's General Warranty and Guarantee*

- A. Contractor warrants and guarantees to Owner that all Work will be in accordance with the Contract Documents and will not be defective. Engineer is entitled to rely on Contractor's warranty and guarantee.
- B. Owner's rights under this warranty and guarantee are in addition to, and are not limited by, Owner's rights under the correction period provisions of Paragraph 15.08. The time in which Owner may enforce its warranty and guarantee rights under this Paragraph 7.17 is limited only by applicable Laws and Regulations restricting actions to enforce such rights; provided, however, that after the end of the correction period under Paragraph 15.08:
 1. Owner shall give Contractor written notice of any defective Work within 60 days of the discovery that such Work is defective; and
 2. Such notice will be deemed the start of an event giving rise to a Claim under Paragraph 12.01.B, such that any related Claim must be brought within 30 days of the notice.
- C. Contractor's warranty and guarantee hereunder excludes defects or damage caused by:
 1. Abuse, or improper modification, maintenance, or operation, by persons other than Contractor, Subcontractors, Suppliers, or any other individual or entity for whom Contractor is responsible; or
 2. Normal wear and tear under normal usage.
- D. Contractor's obligation to perform and complete the Work in accordance with the Contract Documents is absolute. None of the following will constitute an acceptance of Work that is not in accordance with the Contract Documents, a release of Contractor's obligation to perform the Work

in accordance with the Contract Documents, or a release of Owner's warranty and guarantee rights under this Paragraph 7.17:

1. Observations by Engineer;
 2. Recommendation by Engineer or payment by Owner of any progress or final payment;
 3. The issuance of a certificate of Substantial Completion by Engineer or any payment related thereto by Owner;
 4. Use or occupancy of the Work or any part thereof by Owner;
 5. Any review and approval of a Shop Drawing or Sample submittal;
 6. The issuance of a notice of acceptability by Engineer;
 7. The end of the correction period established in Paragraph 15.08;
 8. Any inspection, test, or approval by others; or
 9. Any correction of defective Work by Owner.
- E. If the Contract requires the Contractor to accept the assignment of a contract entered into by Owner, then the specific warranties, guarantees, and correction obligations contained in the assigned contract will govern with respect to Contractor's performance obligations to Owner for the Work described in the assigned contract.

7.18 Delegation of Professional Design Services

- A. Owner may require Contractor to provide professional design services for a portion of the Work by express delegation in the Contract Documents. Such delegation will specify the performance and design criteria that such services must satisfy, and the Submittals that Contractor must furnish to Engineer with respect to the Owner-delegated design.
- B. Contractor shall cause such Owner-delegated professional design services to be provided pursuant to the professional standard of care by a properly licensed design professional, whose signature and seal must appear on all drawings, calculations, specifications, certifications, and Submittals prepared by such design professional. Such design professional must issue all certifications of design required by Laws and Regulations.
- C. If a Shop Drawing or other Submittal related to the Owner-delegated design is prepared by Contractor, a Subcontractor, or others for submittal to Engineer, then such Shop Drawing or other Submittal must bear the written approval of Contractor's design professional when submitted by Contractor to Engineer.
- D. Owner and Engineer shall be entitled to rely upon the adequacy, accuracy, and completeness of the services, certifications, and approvals performed or provided by the design professionals retained or employed by Contractor under an Owner-delegated design, subject to the professional standard of care and the performance and design criteria stated in the Contract Documents.
- E. Pursuant to this Paragraph 7.19, Engineer's review, approval, and other determinations regarding design drawings, calculations, specifications, certifications, and other Submittals furnished by Contractor pursuant to an Owner-delegated design will be only for the following limited purposes:
1. Checking for conformance with the requirements of this Paragraph 7.19;
 2. Confirming that Contractor (through its design professionals) has used the performance and design criteria specified in the Contract Documents; and

3. Establishing that the design furnished by Contractor is consistent with the design concept expressed in the Contract Documents.
- F. Contractor shall not be responsible for the adequacy of performance or design criteria specified by Owner or Engineer.
- G. Contractor is not required to provide professional services in violation of applicable Laws and Regulations.

ARTICLE 8—OTHER WORK AT THE SITE

8.1 *Other Work*

- A. In addition to and apart from the Work under the Contract Documents, the Owner may perform other work at or adjacent to the Site. Such other work may be performed by Owner's employees, or through contracts between the Owner and third parties. Owner may also arrange to have third-party utility owners perform work on their utilities and facilities at or adjacent to the Site.
- B. If Owner performs other work at or adjacent to the Site with Owner's employees, or through contracts for such other work, then Owner shall give Contractor written notice thereof prior to starting any such other work. If Owner has advance information regarding the start of any third-party utility work that Owner has arranged to take place at or adjacent to the Site, Owner shall provide such information to Contractor.
- C. Contractor shall afford proper and safe access to the Site to each contractor that performs such other work, each utility owner performing other work, and Owner, if Owner is performing other work with Owner's employees, and provide a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such other work.
- D. Contractor shall do all cutting, fitting, and patching of the Work that may be required to properly connect or otherwise make its several parts come together and properly integrate with such other work. Contractor shall not endanger any work of others by cutting, excavating, or otherwise altering such work; provided, however, that Contractor may cut or alter others' work with the written consent of Engineer and the others whose work will be affected.
- E. If the proper execution or results of any part of Contractor's Work depends upon work performed by others, Contractor shall inspect such other work and promptly report to Engineer in writing any delays, defects, or deficiencies in such other work that render it unavailable or unsuitable for the proper execution and results of Contractor's Work. Contractor's failure to so report will constitute an acceptance of such other work as fit and proper for integration with Contractor's Work except for latent defects and deficiencies in such other work.
- F. The provisions of this article are not applicable to work that is performed by third-party utilities or other third-party entities without a contract with Owner, or that is performed without having been arranged by Owner. If such work occurs, then any related delay, disruption, or interference incurred by Contractor is governed by the provisions of Paragraph 4.05.C.3.

8.2 *Coordination*

- A. If Owner intends to contract with others for the performance of other work at or adjacent to the Site, to perform other work at or adjacent to the Site with Owner's employees, or to arrange to have utility

owners perform work at or adjacent to the Site, the following will be set forth in the Supplementary Conditions or provided to Contractor prior to the start of any such other work:

1. The identity of the individual or entity that will have authority and responsibility for coordination of the activities among the various contractors;
 2. An itemization of the specific matters to be covered by such authority and responsibility; and
 3. The extent of such authority and responsibilities.
- B. Unless otherwise provided in the Supplementary Conditions, Owner shall have sole authority and responsibility for such coordination.

8.3 *Legal Relationships*

- A. If, in the course of performing other work for Owner at or adjacent to the Site, the Owner's employees, any other contractor working for Owner, or any utility owner that Owner has arranged to perform work, causes damage to the Work or to the property of Contractor or its Subcontractors, or delays, disrupts, interferes with, or increases the scope or cost of the performance of the Work, through actions or inaction, then Contractor shall be entitled to an equitable adjustment in the Contract Price or the Contract Times. Contractor must submit any Change Proposal seeking an equitable adjustment in the Contract Price or the Contract Times under this paragraph within 30 days of the damaging, delaying, disrupting, or interfering event. The entitlement to, and extent of, any such equitable adjustment will take into account information (if any) regarding such other work that was provided to Contractor in the Contract Documents prior to the submittal of the Bid or the final negotiation of the terms of the Contract, and any remedies available to Contractor under Laws or Regulations concerning utility action or inaction. When applicable, any such equitable adjustment in Contract Price will be conditioned on Contractor assigning to Owner all Contractor's rights against such other contractor or utility owner with respect to the damage, delay, disruption, or interference that is the subject of the adjustment. Contractor's entitlement to an adjustment of the Contract Times or Contract Price is subject to the provisions of Paragraphs 4.05.D and 4.05.E.
- B. Contractor shall take reasonable and customary measures to avoid damaging, delaying, disrupting, or interfering with the work of Owner, any other contractor, or any utility owner performing other work at or adjacent to the Site.
1. If Contractor fails to take such measures and as a result damages, delays, disrupts, or interferes with the work of any such other contractor or utility owner, then Owner may impose a set-off against payments due Contractor, and assign to such other contractor or utility owner the Owner's contractual rights against Contractor with respect to the breach of the obligations set forth in this Paragraph 8.03.B.
 2. When Owner is performing other work at or adjacent to the Site with Owner's employees, Contractor shall be liable to Owner for damage to such other work, and for the reasonable direct delay, disruption, and interference costs incurred by Owner as a result of Contractor's failure to take reasonable and customary measures with respect to Owner's other work. In response to such damage, delay, disruption, or interference, Owner may impose a set-off against payments due Contractor.
- C. If Contractor damages, delays, disrupts, or interferes with the work of any other contractor, or any utility owner performing other work at or adjacent to the Site, through Contractor's failure to take reasonable and customary measures to avoid such impacts, or if any claim arising out of Contractor's actions, inactions, or negligence in performance of the Work at or adjacent to the Site is made by any

such other contractor or utility owner against Contractor, Owner, or Engineer, then Contractor shall (1) promptly attempt to settle the claim as to all parties through negotiations with such other contractor or utility owner, or otherwise resolve the claim by arbitration or other dispute resolution proceeding or at law, and (2) indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against any such claims, and against all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such damage, delay, disruption, or interference.

See SC-8.04

ARTICLE 9—OWNER’S RESPONSIBILITIES

9.1 *Communications to Contractor*

A. Except as otherwise provided in these General Conditions, Owner shall issue all communications to Contractor through Engineer.

9.2 *Replacement of Engineer*

A. Owner may at its discretion appoint an engineer to replace Engineer, provided Contractor makes no reasonable objection to the replacement engineer. The replacement engineer’s status under the Contract Documents will be that of the former Engineer.

9.3 *Furnish Data*

A. Owner shall promptly furnish the data required of Owner under the Contract Documents.

9.4 *Pay When Due*

A. Owner shall make payments to Contractor when they are due as provided in the Agreement.

9.5 *Lands and Easements; Reports, Tests, and Drawings*

A. Owner’s duties with respect to providing lands and easements are set forth in Paragraph 5.01.

B. Owner’s duties with respect to providing engineering surveys to establish reference points are set forth in Paragraph 4.03.

C. Article 5 refers to Owner’s identifying and making available to Contractor copies of reports of explorations and tests of conditions at the Site, and drawings of physical conditions relating to existing surface or subsurface structures at the Site.

9.6 *Insurance*

A. Owner’s responsibilities, if any, with respect to purchasing and maintaining liability and property insurance are set forth in Article 6.

9.7 *Change Orders*

A. Owner’s responsibilities with respect to Change Orders are set forth in Article 11.

9.8 *Inspections, Tests, and Approvals*

A. Owner’s responsibility with respect to certain inspections, tests, and approvals is set forth in Paragraph 14.02.B.

9.9 *Limitations on Owner's Responsibilities*

- A. The Owner shall not supervise, direct, or have control or authority over, nor be responsible for, Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Owner will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.

9.10 *Undisclosed Hazardous Environmental Condition*

- A. Owner's responsibility in respect to an undisclosed Hazardous Environmental Condition is set forth in Paragraph 5.06.

9.11 *Evidence of Financial Arrangements*

- A. Upon request of Contractor, Owner shall furnish Contractor reasonable evidence that financial arrangements have been made to satisfy Owner's obligations under the Contract (including obligations under proposed changes in the Work).

9.12 *Safety Programs*

- A. While at the Site, Owner's employees and representatives shall comply with the specific applicable requirements of Contractor's safety programs of which Owner has been informed.
- B. Owner shall furnish copies of any applicable Owner safety programs to Contractor.

See SC-9.12

ARTICLE 10—ENGINEER'S STATUS DURING CONSTRUCTION

10.1 *Owner's Representative*

- A. Engineer will be Owner's representative during the construction period. The duties and responsibilities and the limitations of authority of Engineer as Owner's representative during construction are set forth in the Contract.

10.2 *Visits to Site*

- A. Engineer will make visits to the Site at intervals appropriate to the various stages of construction as Engineer deems necessary in order to observe, as an experienced and qualified design professional, the progress that has been made and the quality of the various aspects of Contractor's executed Work. Based on information obtained during such visits and observations, Engineer, for the benefit of Owner, will determine, in general, if the Work is proceeding in accordance with the Contract Documents. Engineer will not be required to make exhaustive or continuous inspections on the Site to check the quality or quantity of the Work. Engineer's efforts will be directed toward providing for Owner a greater degree of confidence that the completed Work will conform generally to the Contract Documents. On the basis of such visits and observations, Engineer will keep Owner informed of the progress of the Work and will endeavor to guard Owner against defective Work.
- B. Engineer's visits and observations are subject to all the limitations on Engineer's authority and responsibility set forth in Paragraph 10.07. Particularly, but without limitation, during or as a result of Engineer's visits or observations of Contractor's Work, Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work.

10.3 *Resident Project Representative*

- A. If Owner and Engineer have agreed that Engineer will furnish a Resident Project Representative to represent Engineer at the Site and assist Engineer in observing the progress and quality of the Work, then the authority and responsibilities of any such Resident Project Representative will be as provided in the Supplementary Conditions, and limitations on the responsibilities thereof will be as provided in the Supplementary Conditions and in Paragraph 10.07.
- B. If Owner designates an individual or entity who is not Engineer's consultant, agent, or employee to represent Owner at the Site, then the responsibilities and authority of such individual or entity will be as provided in the Supplementary Conditions.

10.4 *Engineer's Authority*

- A. Engineer has the authority to reject Work in accordance with Article 14.
- B. Engineer's authority as to Submittals is set forth in Paragraph 7.16.
- C. Engineer's authority as to design drawings, calculations, specifications, certifications and other Submittals from Contractor in response to Owner's delegation (if any) to Contractor of professional design services, is set forth in Paragraph 7.19.
- D. Engineer's authority as to changes in the Work is set forth in Article 11.
- E. Engineer's authority as to Applications for Payment is set forth in Article 15.

10.5 *Determinations for Unit Price Work*

- A. ~~Engineer will determine the actual quantities and classifications of Unit Price Work performed by Contractor as set forth in Paragraph 13.03.~~

See SC-10.05

10.6 *Decisions on Requirements of Contract Documents and Acceptability of Work*

- A. Engineer will render decisions regarding the requirements of the Contract Documents, and judge the acceptability of the Work, pursuant to the specific procedures set forth herein for initial interpretations, Change Proposals, and acceptance of the Work. In rendering such decisions and judgments, Engineer will not show partiality to Owner or Contractor, and will not be liable to Owner, Contractor, or others in connection with any proceedings, interpretations, decisions, or judgments conducted or rendered in good faith.

10.7 *Limitations on Engineer's Authority and Responsibilities*

- A. Neither Engineer's authority or responsibility under this Article 10 or under any other provision of the Contract, nor any decision made by Engineer in good faith either to exercise or not exercise such authority or responsibility or the undertaking, exercise, or performance of any authority or responsibility by Engineer, will create, impose, or give rise to any duty in contract, tort, or otherwise owed by Engineer to Contractor, any Subcontractor, any Supplier, any other individual or entity, or to any surety for or employee or agent of any of them.
- B. Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Engineer will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.

- C. Engineer will not be responsible for the acts or omissions of Contractor or of any Subcontractor, any Supplier, or of any other individual or entity performing any of the Work.
- D. Engineer's review of the final Application for Payment and accompanying documentation, and all maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection, tests and approvals, and other documentation required to be delivered by Contractor under Paragraph 15.06.A, will only be to determine generally that their content complies with the requirements of, and in the case of certificates of inspections, tests, and approvals, that the results certified indicate compliance with the Contract Documents.
- E. The limitations upon authority and responsibility set forth in this Paragraph 10.07 also apply to the Resident Project Representative, if any.

See SC-10.07

10.8 *Compliance with Safety Program*

- A. While at the Site, Engineer's employees and representatives will comply with the specific applicable requirements of Owner's and Contractor's safety programs of which Engineer has been informed.

ARTICLE 11—CHANGES TO THE CONTRACT

11.1 *Amending and Supplementing the Contract*

- A. The Contract may be amended or supplemented by a Change Order, a Work Change Directive, or a Field Order.
- B. If an amendment or supplement to the Contract includes a change in the Contract Price or the Contract Times, such amendment or supplement must be set forth in a Change Order.
- C. All changes to the Contract that involve (1) the performance or acceptability of the Work, (2) the design (as set forth in the Drawings, Specifications, or otherwise), or (3) other engineering or technical matters, must be supported by Engineer's recommendation. Owner and Contractor may amend other terms and conditions of the Contract without the recommendation of the Engineer.

See SC-11.07

11.2 *Change Orders*

- A. Owner and Contractor shall execute appropriate Change Orders covering:
 - 1. Changes in Contract Price or Contract Times which are agreed to by the parties, including any undisputed sum or amount of time for Work actually performed in accordance with a Work Change Directive;
 - 2. Changes in Contract Price resulting from an Owner set-off, unless Contractor has duly contested such set-off;
 - 3. Changes in the Work which are: (a) ordered by Owner pursuant to Paragraph 11.05, (b) required because of Owner's acceptance of defective Work under Paragraph 14.04 or Owner's correction of defective Work under Paragraph 14.07, or (c) agreed to by the parties, subject to the need for Engineer's recommendation if the change in the Work involves the design (as set forth in the Drawings, Specifications, or otherwise) or other engineering or technical matters; and
 - 4. Changes that embody the substance of any final and binding results under: Paragraph 11.03.B, resolving the impact of a Work Change Directive; Paragraph 11.09, concerning Change Proposals;

Article 12, Claims; Paragraph 13.02.D, final adjustments resulting from allowances; Paragraph 13.03.D, final adjustments relating to determination of quantities for Unit Price Work; and similar provisions.

- B. If Owner or Contractor refuses to execute a Change Order that is required to be executed under the terms of Paragraph 11.02.A, it will be deemed to be of full force and effect, as if fully executed.

11.3 *Work Change Directives*

- A. A Work Change Directive will not change the Contract Price or the Contract Times but is evidence that the parties expect that the modification ordered or documented by a Work Change Directive will be incorporated in a subsequently issued Change Order, following negotiations by the parties as to the Work Change Directive's effect, if any, on the Contract Price and Contract Times; or, if negotiations are unsuccessful, by a determination under the terms of the Contract Documents governing adjustments, expressly including Paragraph 11.07 regarding change of Contract Price.
- B. If Owner has issued a Work Change Directive and:
 - 1. Contractor believes that an adjustment in Contract Times or Contract Price is necessary, then Contractor shall submit any Change Proposal seeking such an adjustment no later than 30 days after the completion of the Work set out in the Work Change Directive.
 - 2. Owner believes that an adjustment in Contract Times or Contract Price is necessary, then Owner shall submit any Claim seeking such an adjustment no later than 60 days after issuance of the Work Change Directive.

11.4 *Field Orders*

- A. Engineer may authorize minor changes in the Work if the changes do not involve an adjustment in the Contract Price or the Contract Times and are compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. Such changes will be accomplished by a Field Order and will be binding on Owner and also on Contractor, which shall perform the Work involved promptly.
- B. If Contractor believes that a Field Order justifies an adjustment in the Contract Price or Contract Times, then before proceeding with the Work at issue, Contractor shall submit a Change Proposal as provided herein.

11.5 *Owner-Authorized Changes in the Work*

- A. Without invalidating the Contract and without notice to any surety, Owner may, at any time or from time to time, order additions, deletions, or revisions in the Work. Changes involving the design (as set forth in the Drawings, Specifications, or otherwise) or other engineering or technical matters will be supported by Engineer's recommendation.
- B. Such changes in the Work may be accomplished by a Change Order, if Owner and Contractor have agreed as to the effect, if any, of the changes on Contract Times or Contract Price; or by a Work Change Directive. Upon receipt of any such document, Contractor shall promptly proceed with the Work involved; or, in the case of a deletion in the Work, promptly cease construction activities with respect to such deleted Work. Added or revised Work must be performed under the applicable conditions of the Contract Documents.
- C. Nothing in this Paragraph 11.05 obligates Contractor to undertake work that Contractor reasonably concludes cannot be performed in a manner consistent with Contractor's safety obligations under the Contract Documents or Laws and Regulations.

11.6 *Unauthorized Changes in the Work*

- A. Contractor shall not be entitled to an increase in the Contract Price or an extension of the Contract Times with respect to any work performed that is not required by the Contract Documents, as amended, modified, or supplemented, except in the case of an emergency as provided in Paragraph 7.15 or in the case of uncovering Work as provided in Paragraph 14.05.C.2.

11.7 *Change of Contract Price*

- A. The Contract Price may only be changed by a Change Order. Any Change Proposal for an adjustment in the Contract Price must comply with the provisions of Paragraph 11.09. Any Claim for an adjustment of Contract Price must comply with the provisions of Article 12.
- B. An adjustment in the Contract Price will be determined as follows:
1. Where the Work involved is covered by unit prices contained in the Contract Documents, then by application of such unit prices to the quantities of the items involved (subject to the provisions of Paragraph 13.03);
 2. Where the Work involved is not covered by unit prices contained in the Contract Documents, then by a mutually agreed lump sum (which may include an allowance for overhead and profit not necessarily in accordance with Paragraph 11.07.C.2); or
 3. Where the Work involved is not covered by unit prices contained in the Contract Documents and the parties do not reach mutual agreement to a lump sum, then on the basis of the Cost of the Work (determined as provided in Paragraph 13.01) plus a Contractor's fee for overhead and profit (determined as provided in Paragraph 11.07.C).
- C. *Contractor's Fee:* When applicable, the Contractor's fee for overhead and profit will be determined as follows:
1. A mutually acceptable fixed fee; or
 2. If a fixed fee is not agreed upon, then a fee based on the following percentages of the various portions of the Cost of the Work:
 - a. For costs incurred under Paragraphs 13.01.B.1 and 13.01.B.2, the Contractor's fee will be 15 percent;
 - b. For costs incurred under Paragraph 13.01.B.3, the Contractor's fee will be 5 percent;
 - c. Where one or more tiers of subcontracts are on the basis of Cost of the Work plus a fee and no fixed fee is agreed upon, the intent of Paragraphs 11.07.C.2.a and 11.07.C.2.b is that the Contractor's fee will be based on: (1) a fee of 15 percent of the costs incurred under Paragraphs 13.01.B.1 and 13.01.B.2 by the Subcontractor that actually performs the Work, at whatever tier, and (2) with respect to Contractor itself and to any Subcontractors of a tier higher than that of the Subcontractor that actually performs the Work, a fee of 5 percent of the amount (fee plus underlying costs incurred) attributable to the next lower tier Subcontractor; provided, however, that for any such subcontracted Work the maximum total fee to be paid by Owner will be no greater than 27 percent of the costs incurred by the Subcontractor that actually performs the Work;
- d. ~~No fee will be payable on the basis of costs itemized under Paragraphs 13.01.B.4, 13.01.B.5, and 13.01.C;~~

See SC-11.07

- e. The amount of credit to be allowed by Contractor to Owner for any change which results in a net decrease in Cost of the Work will be the amount of the actual net decrease in Cost of the Work and a deduction of an additional amount equal to 5 percent of such actual net decrease in Cost of the Work; and
- f. When both additions and credits are involved in any one change or Change Proposal, the adjustment in Contractor's fee will be computed by determining the sum of the costs in each of the cost categories in Paragraph 13.01.B (specifically, payroll costs, Paragraph 13.01.B.1; incorporated materials and equipment costs, Paragraph 13.01.B.2; Subcontract costs, Paragraph 13.01.B.3; special consultants costs, Paragraph 13.01.B.4; and other costs, Paragraph 13.01.B.5) and applying to each such cost category sum the appropriate fee from Paragraphs 11.07.C.2.a through 11.07.C.2.e, inclusive.

11.8 *Change of Contract Times*

- A. The Contract Times may only be changed by a Change Order. Any Change Proposal for an adjustment in the Contract Times must comply with the provisions of Paragraph 11.09. Any Claim for an adjustment in the Contract Times must comply with the provisions of Article 12.
- B. Delay, disruption, and interference in the Work, and any related changes in Contract Times, are addressed in and governed by Paragraph 4.05.

11.9 *Change Proposals*

- A. *Purpose and Content:* Contractor shall submit a Change Proposal to Engineer to request an adjustment in the Contract Times or Contract Price; contest an initial decision by Engineer concerning the requirements of the Contract Documents or relating to the acceptability of the Work under the Contract Documents; challenge a set-off against payment due; or seek other relief under the Contract. The Change Proposal will specify any proposed change in Contract Times or Contract Price, or other proposed relief, and explain the reason for the proposed change, with citations to any governing or applicable provisions of the Contract Documents. Each Change Proposal will address only one issue, or a set of closely related issues.

B. *Change Proposal Procedures*

1. *Submittal:* Contractor shall submit each Change Proposal to Engineer within 30 days after the start of the event giving rise thereto, or after such initial decision.
2. *Supporting Data:* The Contractor shall submit supporting data, including the proposed change in Contract Price or Contract Time (if any), to the Engineer and Owner within 15 days after the submittal of the Change Proposal.
 - a. Change Proposals based on or related to delay, interruption, or interference must comply with the provisions of Paragraphs 4.05.D and 4.05.E.
 - b. Change proposals related to a change of Contract Price must include full and detailed accounts of materials incorporated into the Work and labor and equipment used for the subject Work.

The supporting data must be accompanied by a written statement that the supporting data are accurate and complete, and that any requested time or price adjustment is the entire adjustment to which Contractor believes it is entitled as a result of said event.

3. *Engineer's Initial Review:* Engineer will advise Owner regarding the Change Proposal, and consider any comments or response from Owner regarding the Change Proposal. If in its discretion

Engineer concludes that additional supporting data is needed before conducting a full review and making a decision regarding the Change Proposal, then Engineer may request that Contractor submit such additional supporting data by a date specified by Engineer, prior to Engineer beginning its full review of the Change Proposal.

4. *Engineer's Full Review and Action on the Change Proposal:* Upon receipt of Contractor's supporting data (including any additional data requested by Engineer), Engineer will conduct a full review of each Change Proposal and, within 30 days after such receipt of the Contractor's supporting data, either approve the Change Proposal in whole, deny it in whole, or approve it in part and deny it in part. Such actions must be in writing, with a copy provided to Owner and Contractor. If Engineer does not take action on the Change Proposal within 30 days, then either Owner or Contractor may at any time thereafter submit a letter to the other party indicating that as a result of Engineer's inaction the Change Proposal is deemed denied, thereby commencing the time for appeal of the denial under Article 12.
 5. *Binding Decision:* Engineer's decision is final and binding upon Owner and Contractor, unless Owner or Contractor appeals the decision by filing a Claim under Article 12.
- C. *Resolution of Certain Change Proposals:* If the Change Proposal does not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters, then Engineer will notify the parties in writing that the Engineer is unable to resolve the Change Proposal. For purposes of further resolution of such a Change Proposal, such notice will be deemed a denial, and Contractor may choose to seek resolution under the terms of Article 12.
- D. *Post-Completion:* Contractor shall not submit any Change Proposals after Engineer issues a written recommendation of final payment pursuant to Paragraph 15.06.B.

11.10 *Notification to Surety*

- A. If the provisions of any bond require notice to be given to a surety of any change affecting the general scope of the Work or the provisions of the Contract Documents (including, but not limited to, Contract Price or Contract Times), the giving of any such notice will be Contractor's responsibility. The amount of each applicable bond will be adjusted to reflect the effect of any such change.

ARTICLE 12—CLAIMS

12.1 *Claims*

- A. *Claims Process:* The following disputes between Owner and Contractor are subject to the Claims process set forth in this article:
 1. Appeals by Owner or Contractor of Engineer's decisions regarding Change Proposals;
 2. Owner demands for adjustments in the Contract Price or Contract Times, or other relief under the Contract Documents;
 3. Disputes that Engineer has been unable to address because they do not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters; and
 4. Subject to the waiver provisions of Paragraph 15.07, any dispute arising after Engineer has issued a written recommendation of final payment pursuant to Paragraph 15.06.B.

- B. *Submittal of Claim*: The party submitting a Claim shall deliver it directly to the other party to the Contract promptly (but in no event later than 30 days) after the start of the event giving rise thereto; in the case of appeals regarding Change Proposals within 30 days of the decision under appeal. The party submitting the Claim shall also furnish a copy to the Engineer, for its information only. The responsibility to substantiate a Claim rests with the party making the Claim. In the case of a Claim by Contractor seeking an increase in the Contract Times or Contract Price, Contractor shall certify that the Claim is made in good faith, that the supporting data are accurate and complete, and that to the best of Contractor's knowledge and belief the amount of time or money requested accurately reflects the full amount to which Contractor is entitled.
- C. *Review and Resolution*: The party receiving a Claim shall review it thoroughly, giving full consideration to its merits. The two parties shall seek to resolve the Claim through the exchange of information and direct negotiations. The parties may extend the time for resolving the Claim by mutual agreement. All actions taken on a Claim will be stated in writing and submitted to the other party, with a copy to Engineer.
- D. *Mediation*
1. At any time after initiation of a Claim, Owner and Contractor may mutually agree to mediation of the underlying dispute. The agreement to mediate will stay the Claim submittal and response process.
 2. If Owner and Contractor agree to mediation, then after 60 days from such agreement, either Owner or Contractor may unilaterally terminate the mediation process, and the Claim submittal and decision process will resume as of the date of the termination. If the mediation proceeds but is unsuccessful in resolving the dispute, the Claim submittal and decision process will resume as of the date of the conclusion of the mediation, as determined by the mediator.
 3. Owner and Contractor shall each pay one-half of the mediator's fees and costs.
- E. *Partial Approval*: If the party receiving a Claim approves the Claim in part and denies it in part, such action will be final and binding unless within 30 days of such action the other party invokes the procedure set forth in Article 17 for final resolution of disputes.
- F. *Denial of Claim*: If efforts to resolve a Claim are not successful, the party receiving the Claim may deny it by giving written notice of denial to the other party. If the receiving party does not take action on the Claim within 90 days, then either Owner or Contractor may at any time thereafter submit a letter to the other party indicating that as a result of the inaction, the Claim is deemed denied, thereby commencing the time for appeal of the denial. A denial of the Claim will be final and binding unless within 30 days of the denial the other party invokes the procedure set forth in Article 17 for the final resolution of disputes.
- G. *Final and Binding Results*: If the parties reach a mutual agreement regarding a Claim, whether through approval of the Claim, direct negotiations, mediation, or otherwise; or if a Claim is approved in part and denied in part, or denied in full, and such actions become final and binding; then the results of the agreement or action on the Claim will be incorporated in a Change Order or other written document to the extent they affect the Contract, including the Work, the Contract Times, or the Contract Price.

ARTICLE 13—COST OF THE WORK; ALLOWANCES; UNIT PRICE WORK

13.1 *Cost of the Work*

- A. *Purposes for Determination of Cost of the Work:* The term Cost of the Work means the sum of all costs necessary for the proper performance of the Work at issue, as further defined below. The provisions of this Paragraph 13.01 are used for two distinct purposes:
1. To determine Cost of the Work when Cost of the Work is a component of the Contract Price, under cost-plus-fee, time-and-materials, or other cost-based terms; or
 2. When needed to determine the value of a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price. When the value of any such adjustment is determined on the basis of Cost of the Work, Contractor is entitled only to those additional or incremental costs required because of the change in the Work or because of the event giving rise to the adjustment.
- B. *Costs Included:* Except as otherwise may be agreed to in writing by Owner, costs included in the Cost of the Work will be in amounts no higher than those commonly incurred in the locality of the Project, will not include any of the costs itemized in Paragraph 13.01.C, and will include only the following items:
1. Payroll costs for employees in the direct employ of Contractor in the performance of the Work under schedules of job classifications agreed upon by Owner and Contractor in advance of the subject Work. Such employees include, without limitation, superintendents, foremen, safety managers, safety representatives, and other personnel employed full time on the Work. Payroll costs for employees not employed full time on the Work will be apportioned on the basis of their time spent on the Work. Payroll costs include, but are not limited to, salaries and wages plus the cost of fringe benefits, which include social security contributions, unemployment, excise, and payroll taxes, workers' compensation, health and retirement benefits, sick leave, and vacation and holiday pay applicable thereto. The expenses of performing Work outside of regular working hours, on Saturday, Sunday, or legal holidays, will be included in the above to the extent authorized by Owner.
 2. Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and Suppliers' field services required in connection therewith. All cash discounts accrue to Contractor unless Owner deposits funds with Contractor with which to make payments, in which case the cash discounts will accrue to Owner. All trade discounts, rebates, and refunds and returns from sale of surplus materials and equipment will accrue to Owner, and Contractor shall make provisions so that they may be obtained.
 3. Payments made by Contractor to Subcontractors for Work performed by Subcontractors. If required by Owner, Contractor shall obtain competitive bids from subcontractors acceptable to Owner and Contractor and shall deliver such bids to Owner, which will then determine, with the advice of Engineer, which bids, if any, will be acceptable. If any subcontract provides that the Subcontractor is to be paid on the basis of Cost of the Work plus a fee, the Subcontractor's Cost of the Work and fee will be determined in the same manner as Contractor's Cost of the Work and fee as provided in this Paragraph 13.01.
 4. Costs of special consultants (including but not limited to engineers, architects, testing laboratories, surveyors, attorneys, and accountants) employed or retained for services specifically related to the Work.

5. Other costs consisting of the following:
 - a. The proportion of necessary transportation, travel, and subsistence expenses of Contractor's employees incurred in discharge of duties connected with the Work.
 - b. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office, and temporary facilities at the Site, which are consumed in the performance of the Work, and cost, less market value, of such items used but not consumed which remain the property of Contractor.
 - 1) In establishing included costs for materials such as scaffolding, plating, or sheeting, consideration will be given to the actual or the estimated life of the material for use on other projects; or rental rates may be established on the basis of purchase or salvage value of such items, whichever is less. Contractor will not be eligible for compensation for such items in an amount that exceeds the purchase cost of such item.
 - c. *Construction Equipment Rental*
 - 1) Rentals of all construction equipment and machinery, and the parts thereof, in accordance with rental agreements approved by Owner as to price (including any surcharge or special rates applicable to overtime use of the construction equipment or machinery), and the costs of transportation, loading, unloading, assembly, dismantling, and removal thereof. All such costs will be in accordance with the terms of said rental agreements. The rental of any such equipment, machinery, or parts must cease when the use thereof is no longer necessary for the Work.
 - 2) Costs for equipment and machinery owned by Contractor or a Contractor-related entity will be paid at a rate shown for such equipment in the equipment rental rate book specified in the Supplementary Conditions. An hourly rate will be computed by dividing the monthly rates by 176. These computed rates will include all operating costs.
 - 3) With respect to Work that is the result of a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price ("changed Work"), included costs will be based on the time the equipment or machinery is in use on the changed Work and the costs of transportation, loading, unloading, assembly, dismantling, and removal when directly attributable to the changed Work. The cost of any such equipment or machinery, or parts thereof, must cease to accrue when the use thereof is no longer necessary for the changed Work.
 - d. Sales, consumer, use, and other similar taxes related to the Work, and for which Contractor is liable, as imposed by Laws and Regulations.
 - e. Deposits lost for causes other than negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, and royalty payments and fees for permits and licenses.
 - f. Losses and damages (and related expenses) caused by damage to the Work, not compensated by insurance or otherwise, sustained by Contractor in connection with the performance of the Work (except losses and damages within the deductible amounts of builder's risk or other property insurance established in accordance with Paragraph 6.04), provided such losses and damages have resulted from causes other than the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses include settlements made with the written consent

and approval of Owner. No such losses, damages, and expenses will be included in the Cost of the Work for the purpose of determining Contractor's fee.

- g. The cost of utilities, fuel, and sanitary facilities at the Site.
- h. Minor expenses such as communication service at the Site, express and courier services, and similar petty cash items in connection with the Work.
- i. The costs of premiums for all bonds and insurance that Contractor is required by the Contract Documents to purchase and maintain.

C. *Costs Excluded*: The term Cost of the Work does not include any of the following items:

- 1. Payroll costs and other compensation of Contractor's officers, executives, principals, general managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks, and other personnel employed by Contractor, whether at the Site or in Contractor's principal or branch office for general administration of the Work and not specifically included in the agreed upon schedule of job classifications referred to in Paragraph 13.01.B.1 or specifically covered by Paragraph 13.01.B.4. The payroll costs and other compensation excluded here are to be considered administrative costs covered by the Contractor's fee.
- 2. The cost of purchasing, renting, or furnishing small tools and hand tools.
- 3. Expenses of Contractor's principal and branch offices other than Contractor's office at the Site.
- 4. Any part of Contractor's capital expenses, including interest on Contractor's capital employed for the Work and charges against Contractor for delinquent payments.
- 5. Costs due to the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of defective Work, disposal of materials or equipment wrongly supplied, and making good any damage to property.
- 6. Expenses incurred in preparing and advancing Claims.
- 7. Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in Paragraph 13.01.B.

D. *Contractor's Fee*

- 1. When the Work as a whole is performed on the basis of cost-plus-a-fee, then:
 - a. Contractor's fee for the Work set forth in the Contract Documents as of the Effective Date of the Contract will be determined as set forth in the Agreement.
 - b. for any Work covered by a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price on the basis of Cost of the Work, Contractor's fee will be determined as follows:
 - 1) When the fee for the Work as a whole is a percentage of the Cost of the Work, the fee will automatically adjust as the Cost of the Work changes.
 - 2) When the fee for the Work as a whole is a fixed fee, the fee for any additions or deletions will be determined in accordance with Paragraph 11.07.C.2.
- 2. When the Work as a whole is performed on the basis of a stipulated sum, or any other basis other than cost-plus-a-fee, then Contractor's fee for any Work covered by a Change Order, Change

Proposal, Claim, set-off, or other adjustment in Contract Price on the basis of Cost of the Work will be determined in accordance with Paragraph 11.07.C.2.

- E. *Documentation and Audit*: Whenever the Cost of the Work for any purpose is to be determined pursuant to this Article 13, Contractor and pertinent Subcontractors will establish and maintain records of the costs in accordance with generally accepted accounting practices. Subject to prior written notice, Owner will be afforded reasonable access, during normal business hours, to all Contractor's accounts, records, books, correspondence, instructions, drawings, receipts, vouchers, memoranda, and similar data relating to the Cost of the Work and Contractor's fee. Contractor shall preserve all such documents for a period of three years after the final payment by Owner. Pertinent Subcontractors will afford such access to Owner, and preserve such documents, to the same extent required of Contractor.

13.2 Allowances

- A. It is understood that Contractor has included in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be performed for such sums and by such persons or entities as may be acceptable to Owner and Engineer.
- B. *Cash Allowances*: Contractor agrees that:
 - 1. the cash allowances include the cost to Contractor (less any applicable trade discounts) of materials and equipment required by the allowances to be delivered at the Site, and all applicable taxes; and
 - 2. Contractor's costs for unloading and handling on the Site, labor, installation, overhead, profit, and other expenses contemplated for the cash allowances have been included in the Contract Price and not in the allowances, and no demand for additional payment for any of the foregoing will be valid.
- C. *Owner's Contingency Allowance*: Contractor agrees that an Owner's contingency allowance, if any, is for the sole use of Owner to cover unanticipated costs.
- D. Prior to final payment, an appropriate Change Order will be issued as recommended by Engineer to reflect actual amounts due Contractor for Work covered by allowances, and the Contract Price will be correspondingly adjusted.

See SC-13.2

13.3 Unit Price Work

- A. Where the Contract Documents provide that all or part of the Work is to be Unit Price Work, initially the Contract Price will be deemed to include for all Unit Price Work an amount equal to the sum of the unit price for each separately identified item of Unit Price Work times the estimated quantity of each item as indicated in the Agreement.
- B. The estimated quantities of items of Unit Price Work are not guaranteed and are solely for the purpose of comparison of Bids and determining an initial Contract Price. Payments to Contractor for Unit Price Work will be based on actual quantities.
- C. Each unit price will be deemed to include an amount considered by Contractor to be adequate to cover Contractor's overhead and profit for each separately identified item.

- D. Engineer will determine the actual quantities and classifications of Unit Price Work performed by Contractor. Engineer will review with Contractor the Engineer's preliminary determinations on such matters before rendering a written decision thereon (by recommendation of an Application for Payment or otherwise). Engineer's written decision thereon will be final and binding (except as modified by Engineer to reflect changed factual conditions or more accurate data) upon Owner and Contractor, and the final adjustment of Contract Price will be set forth in a Change Order, subject to the provisions of the following paragraph.
- E. *Adjustments in Unit Price*
1. Contractor or Owner shall be entitled to an adjustment in the unit price with respect to an item of Unit Price Work if:
 - a. the quantity of the item of Unit Price Work performed by Contractor differs materially and significantly from the estimated quantity of such item indicated in the Agreement; and
 - b. Contractor's unit costs to perform the item of Unit Price Work have changed materially and significantly as a result of the quantity change.
 2. The adjustment in unit price will account for and be coordinated with any related changes in quantities of other items of Work, and in Contractor's costs to perform such other Work, such that the resulting overall change in Contract Price is equitable to Owner and Contractor.
 3. Adjusted unit prices will apply to all units of that item.

ARTICLE 14—TESTS AND INSPECTIONS; CORRECTION, REMOVAL, OR ACCEPTANCE OF DEFECTIVE WORK

14.1 *Access to Work*

- A. Owner, Engineer, their consultants and other representatives and personnel of Owner, independent testing laboratories, and authorities having jurisdiction have access to the Site and the Work at reasonable times for their observation, inspection, and testing. Contractor shall provide them proper and safe conditions for such access and advise them of Contractor's safety procedures and programs so that they may comply with such procedures and programs as applicable.

14.2 *Tests, Inspections, and Approvals*

- A. Contractor shall give Engineer timely notice of readiness of the Work (or specific parts thereof) for all required inspections and tests, and shall cooperate with inspection and testing personnel to facilitate required inspections and tests.
- B. Owner shall retain and pay for the services of an independent inspector, testing laboratory, or other qualified individual or entity to perform all inspections and tests expressly required by the Contract Documents to be furnished and paid for by Owner, except that costs incurred in connection with tests or inspections of covered Work will be governed by the provisions of Paragraph 14.05.
- C. If Laws or Regulations of any public body having jurisdiction require any Work (or part thereof) specifically to be inspected, tested, or approved by an employee or other representative of such public body, Contractor shall assume full responsibility for arranging and obtaining such inspections, tests, or approvals, pay all costs in connection therewith, and furnish Engineer the required certificates of inspection or approval.
- D. Contractor shall be responsible for arranging, obtaining, and paying for all inspections and tests required:

1. by the Contract Documents, unless the Contract Documents expressly allocate responsibility for a specific inspection or test to Owner;
2. to attain Owner's and Engineer's acceptance of materials or equipment to be incorporated in the Work;
3. by manufacturers of equipment furnished under the Contract Documents;
4. for testing, adjusting, and balancing of mechanical, electrical, and other equipment to be incorporated into the Work; and
5. for acceptance of materials, mix designs, or equipment submitted for approval prior to Contractor's purchase thereof for incorporation in the Work.

Such inspections and tests will be performed by independent inspectors, testing laboratories, or other qualified individuals or entities acceptable to Owner and Engineer.

- E. If the Contract Documents require the Work (or part thereof) to be approved by Owner, Engineer, or another designated individual or entity, then Contractor shall assume full responsibility for arranging and obtaining such approvals.
- F. If any Work (or the work of others) that is to be inspected, tested, or approved is covered by Contractor without written concurrence of Engineer, Contractor shall, if requested by Engineer, uncover such Work for observation. Such uncovering will be at Contractor's expense unless Contractor had given Engineer timely notice of Contractor's intention to cover the same and Engineer had not acted with reasonable promptness in response to such notice.

14.3 *Defective Work*

- A. *Contractor's Obligation:* It is Contractor's obligation to assure that the Work is not defective.
- B. *Engineer's Authority:* Engineer has the authority to determine whether Work is defective, and to reject defective Work.
- C. *Notice of Defects:* Prompt written notice of all defective Work of which Owner or Engineer has actual knowledge will be given to Contractor.
- D. *Correction, or Removal and Replacement:* Promptly after receipt of written notice of defective Work, Contractor shall correct all such defective Work, whether or not fabricated, installed, or completed, or, if Engineer has rejected the defective Work, remove it from the Project and replace it with Work that is not defective.
- E. *Preservation of Warranties:* When correcting defective Work, Contractor shall take no action that would void or otherwise impair Owner's special warranty and guarantee, if any, on said Work.
- F. *Costs and Damages:* In addition to its correction, removal, and replacement obligations with respect to defective Work, Contractor shall pay all claims, costs, losses, and damages arising out of or relating to defective Work, including but not limited to the cost of the inspection, testing, correction, removal, replacement, or reconstruction of such defective Work, fines levied against Owner by governmental authorities because the Work is defective, and the costs of repair or replacement of work of others resulting from defective Work. Prior to final payment, if Owner and Contractor are unable to agree as to the measure of such claims, costs, losses, and damages resulting from defective Work, then Owner may impose a reasonable set-off against payments due under Article 15.

14.4 *Acceptance of Defective Work*

- A. If, instead of requiring correction or removal and replacement of defective Work, Owner prefers to accept it, Owner may do so (subject, if such acceptance occurs prior to final payment, to Engineer's confirmation that such acceptance is in general accord with the design intent and applicable engineering principles, and will not endanger public safety). Contractor shall pay all claims, costs, losses, and damages attributable to Owner's evaluation of and determination to accept such defective Work (such costs to be approved by Engineer as to reasonableness), and for the diminished value of the Work to the extent not otherwise paid by Contractor. If any such acceptance occurs prior to final payment, the necessary revisions in the Contract Documents with respect to the Work will be incorporated in a Change Order. If the parties are unable to agree as to the decrease in the Contract Price, reflecting the diminished value of Work so accepted, then Owner may impose a reasonable set-off against payments due under Article 15. If the acceptance of defective Work occurs after final payment, Contractor shall pay an appropriate amount to Owner.

14.5 *Uncovering Work*

- A. Engineer has the authority to require additional inspection or testing of the Work, whether or not the Work is fabricated, installed, or completed.
- B. If any Work is covered contrary to the written request of Engineer, then Contractor shall, if requested by Engineer, uncover such Work for Engineer's observation, and then replace the covering, all at Contractor's expense.
- C. If Engineer considers it necessary or advisable that covered Work be observed by Engineer or inspected or tested by others, then Contractor, at Engineer's request, shall uncover, expose, or otherwise make available for observation, inspection, or testing as Engineer may require, that portion of the Work in question, and provide all necessary labor, material, and equipment.
 - 1. If it is found that the uncovered Work is defective, Contractor shall be responsible for all claims, costs, losses, and damages arising out of or relating to such uncovering, exposure, observation, inspection, and testing, and of satisfactory replacement or reconstruction (including but not limited to all costs of repair or replacement of work of others); and pending Contractor's full discharge of this responsibility the Owner shall be entitled to impose a reasonable set-off against payments due under Article 15.
 - 2. If the uncovered Work is not found to be defective, Contractor shall be allowed an increase in the Contract Price or an extension of the Contract Times, directly attributable to such uncovering, exposure, observation, inspection, testing, replacement, and reconstruction. If the parties are unable to agree as to the amount or extent thereof, then Contractor may submit a Change Proposal within 30 days of the determination that the Work is not defective.

14.6 *Owner May Stop the Work*

- A. If the Work is defective, or Contractor fails to supply sufficient skilled workers or suitable materials or equipment, or fails to perform the Work in such a way that the completed Work will conform to the Contract Documents, then Owner may order Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, this right of Owner to stop the Work will not give rise to any duty on the part of Owner to exercise this right for the benefit of Contractor, any Subcontractor, any Supplier, any other individual or entity, or any surety for, or employee or agent of any of them.

14.7 *Owner May Correct Defective Work*

- A. If Contractor fails within a reasonable time after written notice from Engineer to correct defective Work, or to remove and replace defective Work as required by Engineer, then Owner may, after 7

days' written notice to Contractor, correct or remedy any such deficiency.

- B. In exercising the rights and remedies under this Paragraph 14.07, Owner shall proceed expeditiously. In connection with such corrective or remedial action, Owner may exclude Contractor from all or part of the Site, take possession of all or part of the Work and suspend Contractor's services related thereto, and incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere. Contractor shall allow Owner, Owner's representatives, agents and employees, Owner's other contractors, and Engineer and Engineer's consultants access to the Site to enable Owner to exercise the rights and remedies under this paragraph.
- C. All claims, costs, losses, and damages incurred or sustained by Owner in exercising the rights and remedies under this Paragraph 14.07 will be charged against Contractor as set-offs against payments due under Article 15. Such claims, costs, losses and damages will include but not be limited to all costs of repair, or replacement of work of others destroyed or damaged by correction, removal, or replacement of Contractor's defective Work.
- D. Contractor shall not be allowed an extension of the Contract Times because of any delay in the performance of the Work attributable to the exercise by Owner of Owner's rights and remedies under this Paragraph 14.07.

ARTICLE 15—PAYMENTS TO CONTRACTOR; SET-OFFS; COMPLETION; CORRECTION PERIOD

15.1 Progress Payments

- A. *Basis for Progress Payments:* The Schedule of Values established as provided in Article 2 will serve as the basis for progress payments and will be incorporated into a form of Application for Payment acceptable to Engineer. Progress payments for Unit Price Work will be based on the number of units completed during the pay period, as determined under the provisions of Paragraph 13.03. Progress payments for cost-based Work will be based on Cost of the Work completed by Contractor during the pay period.
- B. *Applications for Payments*
 - 1. At least 20 days before the date established in the Agreement for each progress payment (but not more often than once a month), Contractor shall submit to Engineer for review an Application for Payment filled out and signed by Contractor covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the Contract Documents.
 - 2. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the Site or at another location agreed to in writing, the Application for Payment must also be accompanied by: (a) a bill of sale, invoice, copies of subcontract or purchase order payments, or other documentation establishing full payment by Contractor for the materials and equipment; (b) at Owner's request, documentation warranting that Owner has received the materials and equipment free and clear of all Liens; and (c) evidence that the materials and equipment are covered by appropriate property insurance, a warehouse bond, or other arrangements to protect Owner's interest therein, all of which must be satisfactory to Owner.
 - 3. Beginning with the second Application for Payment, each Application must include an affidavit of Contractor stating that all previous progress payments received by Contractor have been applied to discharge Contractor's legitimate obligations associated with prior Applications for Payment.

4. The amount of retainage with respect to progress payments will be as stipulated in the Agreement.

C. *Review of Applications*

1. Engineer will, within 10 days after receipt of each Application for Payment, including each resubmittal, either indicate in writing a recommendation of payment and present the Application to Owner, or return the Application to Contractor indicating in writing Engineer's reasons for refusing to recommend payment. In the latter case, Contractor may make the necessary corrections and resubmit the Application.
2. Engineer's recommendation of any payment requested in an Application for Payment will constitute a representation by Engineer to Owner, based on Engineer's observations of the executed Work as an experienced and qualified design professional, and on Engineer's review of the Application for Payment and the accompanying data and schedules, that to the best of Engineer's knowledge, information and belief:
 - a. the Work has progressed to the point indicated;
 - b. the quality of the Work is generally in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, the results of any subsequent tests called for in the Contract Documents, a final determination of quantities and classifications for Unit Price Work under Paragraph 13.03, and any other qualifications stated in the recommendation); and
 - c. the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled in so far as it is Engineer's responsibility to observe the Work.
3. By recommending any such payment Engineer will not thereby be deemed to have represented that:
 - a. inspections made to check the quality or the quantity of the Work as it has been performed have been exhaustive, extended to every aspect of the Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in the Contract; or
 - b. there may not be other matters or issues between the parties that might entitle Contractor to be paid additionally by Owner or entitle Owner to withhold payment to Contractor.
4. Neither Engineer's review of Contractor's Work for the purposes of recommending payments nor Engineer's recommendation of any payment, including final payment, will impose responsibility on Engineer:
 - a. to supervise, direct, or control the Work;
 - b. for the means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto;
 - c. for Contractor's failure to comply with Laws and Regulations applicable to Contractor's performance of the Work;
 - d. to make any examination to ascertain how or for what purposes Contractor has used the money paid by Owner; or
 - e. to determine that title to any of the Work, materials, or equipment has passed to Owner free and clear of any Liens.

5. Engineer may refuse to recommend the whole or any part of any payment if, in Engineer's opinion, it would be incorrect to make the representations to Owner stated in Paragraph 15.01.C.2.
6. Engineer will recommend reductions in payment (set-offs) necessary in Engineer's opinion to protect Owner from loss because:
 - a. the Work is defective, requiring correction or replacement;
 - b. the Contract Price has been reduced by Change Orders;
 - c. Owner has been required to correct defective Work in accordance with Paragraph 14.07, or has accepted defective Work pursuant to Paragraph 14.04;
 - d. Owner has been required to remove or remediate a Hazardous Environmental Condition for which Contractor is responsible; or
 - e. Engineer has actual knowledge of the occurrence of any of the events that would constitute a default by Contractor and therefore justify termination for cause under the Contract Documents.

D. Payment Becomes Due

1. Ten days after presentation of the Application for Payment to Owner with Engineer's recommendation, the amount recommended (subject to any Owner set-offs) will become due, and when due will be paid by Owner to Contractor.

E. Reductions in Payment by Owner

1. In addition to any reductions in payment (set-offs) recommended by Engineer, Owner is entitled to impose a set-off against payment based on any of the following:
 - a. Claims have been made against Owner based on Contractor's conduct in the performance or furnishing of the Work, or Owner has incurred costs, losses, or damages resulting from Contractor's conduct in the performance or furnishing of the Work, including but not limited to claims, costs, losses, or damages from workplace injuries, adjacent property damage, non-compliance with Laws and Regulations, and patent infringement;
 - b. Contractor has failed to take reasonable and customary measures to avoid damage, delay, disruption, and interference with other work at or adjacent to the Site;
 - c. Contractor has failed to provide and maintain required bonds or insurance;
 - d. Owner has been required to remove or remediate a Hazardous Environmental Condition for which Contractor is responsible;
 - e. Owner has incurred extra charges or engineering costs related to submittal reviews, evaluations of proposed substitutes, tests and inspections, or return visits to manufacturing or assembly facilities;
 - f. The Work is defective, requiring correction or replacement;
 - g. Owner has been required to correct defective Work in accordance with Paragraph 14.07, or has accepted defective Work pursuant to Paragraph 14.04;
 - h. The Contract Price has been reduced by Change Orders;

- i. An event has occurred that would constitute a default by Contractor and therefore justify a termination for cause;
 - j. Liquidated or other damages have accrued as a result of Contractor's failure to achieve Milestones, Substantial Completion, or final completion of the Work;
 - k. Liens have been filed in connection with the Work, except where Contractor has delivered a specific bond satisfactory to Owner to secure the satisfaction and discharge of such Liens; or
 - l. Other items entitle Owner to a set-off against the amount recommended.
2. If Owner imposes any set-off against payment, whether based on its own knowledge or on the written recommendations of Engineer, Owner will give Contractor immediate written notice (with a copy to Engineer) stating the reasons for such action and the specific amount of the reduction, and promptly pay Contractor any amount remaining after deduction of the amount so withheld. Owner shall promptly pay Contractor the amount so withheld, or any adjustment thereto agreed to by Owner and Contractor, if Contractor remedies the reasons for such action. The reduction imposed will be binding on Contractor unless it duly submits a Change Proposal contesting the reduction.
 3. Upon a subsequent determination that Owner's refusal of payment was not justified, the amount wrongfully withheld will be treated as an amount due as determined by Paragraph 15.01.D.1 and subject to interest as provided in the Agreement.

15.2 *Contractor's Warranty of Title*

- A. Contractor warrants and guarantees that title to all Work, materials, and equipment furnished under the Contract will pass to Owner free and clear of (1) all Liens and other title defects, and (2) all patent, licensing, copyright, or royalty obligations, no later than 7 days after the time of payment by Owner.

15.3 *Substantial Completion*

- A. When Contractor considers the entire Work ready for its intended use Contractor shall notify Owner and Engineer in writing that the entire Work is substantially complete and request that Engineer issue a certificate of Substantial Completion. Contractor shall at the same time submit to Owner and Engineer an initial draft of punch list items to be completed or corrected before final payment.
- B. Promptly after Contractor's notification, Owner, Contractor, and Engineer shall make an inspection of the Work to determine the status of completion. If Engineer does not consider the Work substantially complete, Engineer will notify Contractor in writing giving the reasons therefor.
- C. If Engineer considers the Work substantially complete, Engineer will deliver to Owner a preliminary certificate of Substantial Completion which will fix the date of Substantial Completion. Engineer shall attach to the certificate a punch list of items to be completed or corrected before final payment. Owner shall have 7 days after receipt of the preliminary certificate during which to make written objection to Engineer as to any provisions of the certificate or attached punch list. If, after considering the objections to the provisions of the preliminary certificate, Engineer concludes that the Work is not substantially complete, Engineer will, within 14 days after submission of the preliminary certificate to Owner, notify Contractor in writing that the Work is not substantially complete, stating the reasons therefor. If Owner does not object to the provisions of the certificate, or if despite consideration of Owner's objections Engineer concludes that the Work is substantially complete, then Engineer will, within said 14 days, execute and deliver to Owner and Contractor a final certificate of Substantial Completion (with a revised punch list of items to be completed or corrected) reflecting such changes

from the preliminary certificate as Engineer believes justified after consideration of any objections from Owner.

- D. At the time of receipt of the preliminary certificate of Substantial Completion, Owner and Contractor will confer regarding Owner's use or occupancy of the Work following Substantial Completion, review the builder's risk insurance policy with respect to the end of the builder's risk coverage, and confirm the transition to coverage of the Work under a permanent property insurance policy held by Owner. Unless Owner and Contractor agree otherwise in writing, Owner shall bear responsibility for security, operation, protection of the Work, property insurance, maintenance, heat, and utilities upon Owner's use or occupancy of the Work.
- E. After Substantial Completion the Contractor shall promptly begin work on the punch list of items to be completed or corrected prior to final payment. In appropriate cases Contractor may submit monthly Applications for Payment for completed punch list items, following the progress payment procedures set forth above.
- F. Owner shall have the right to exclude Contractor from the Site after the date of Substantial Completion subject to allowing Contractor reasonable access to remove its property and complete or correct items on the punch list.

15.4 *Partial Use or Occupancy*

- A. Prior to Substantial Completion of all the Work, Owner may use or occupy any substantially completed part of the Work which has specifically been identified in the Contract Documents, or which Owner, Engineer, and Contractor agree constitutes a separately functioning and usable part of the Work that can be used by Owner for its intended purpose without significant interference with Contractor's performance of the remainder of the Work, subject to the following conditions:
 - 1. At any time, Owner may request in writing that Contractor permit Owner to use or occupy any such part of the Work that Owner believes to be substantially complete. If and when Contractor agrees that such part of the Work is substantially complete, Contractor, Owner, and Engineer will follow the procedures of Paragraph 15.03.A through 15.03.E for that part of the Work.
 - 2. At any time, Contractor may notify Owner and Engineer in writing that Contractor considers any such part of the Work substantially complete and request Engineer to issue a certificate of Substantial Completion for that part of the Work.
 - 3. Within a reasonable time after either such request, Owner, Contractor, and Engineer shall make an inspection of that part of the Work to determine its status of completion. If Engineer does not consider that part of the Work to be substantially complete, Engineer will notify Owner and Contractor in writing giving the reasons therefor. If Engineer considers that part of the Work to be substantially complete, the provisions of Paragraph 15.03 will apply with respect to certification of Substantial Completion of that part of the Work and the division of responsibility in respect thereof and access thereto.
 - 4. No use or occupancy or separate operation of part of the Work may occur prior to compliance with the requirements of Paragraph 6.04 regarding builder's risk or other property insurance.

15.5 *Final Inspection*

- A. Upon written notice from Contractor that the entire Work or an agreed portion thereof is complete, Engineer will promptly make a final inspection with Owner and Contractor and will notify Contractor in writing of all particulars in which this inspection reveals that the Work, or agreed portion thereof,

is incomplete or defective. Contractor shall immediately take such measures as are necessary to complete such Work or remedy such deficiencies.

15.6 *Final Payment*

A. *Application for Payment*

1. After Contractor has, in the opinion of Engineer, satisfactorily completed all corrections identified during the final inspection and has delivered, in accordance with the Contract Documents, all maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance, certificates of inspection, annotated record documents (as provided in Paragraph 7.12), and other documents, Contractor may make application for final payment.
2. The final Application for Payment must be accompanied (except as previously delivered) by:
 - a. all documentation called for in the Contract Documents;
 - b. consent of the surety, if any, to final payment;
 - c. satisfactory evidence that all title issues have been resolved such that title to all Work, materials, and equipment has passed to Owner free and clear of any Liens or other title defects, or will so pass upon final payment.
 - d. a list of all duly pending Change Proposals and Claims; and
 - e. complete and legally effective releases or waivers (satisfactory to Owner) of all Lien rights arising out of the Work, and of Liens filed in connection with the Work.
3. In lieu of the releases or waivers of Liens specified in Paragraph 15.06.A.2 and as approved by Owner, Contractor may furnish receipts or releases in full and an affidavit of Contractor that: (a) the releases and receipts include all labor, services, material, and equipment for which a Lien could be filed; and (b) all payrolls, material and equipment bills, and other indebtedness connected with the Work for which Owner might in any way be responsible, or which might in any way result in liens or other burdens on Owner's property, have been paid or otherwise satisfied. If any Subcontractor or Supplier fails to furnish such a release or receipt in full, Contractor may furnish a bond or other collateral satisfactory to Owner to indemnify Owner against any Lien, or Owner at its option may issue joint checks payable to Contractor and specified Subcontractors and Suppliers.

B. *Engineer's Review of Final Application and Recommendation of Payment:* If, on the basis of Engineer's observation of the Work during construction and final inspection, and Engineer's review of the final Application for Payment and accompanying documentation as required by the Contract Documents, Engineer is satisfied that the Work has been completed and Contractor's other obligations under the Contract have been fulfilled, Engineer will, within 10 days after receipt of the final Application for Payment, indicate in writing Engineer's recommendation of final payment and present the final Application for Payment to Owner for payment. Such recommendation will account for any set-offs against payment that are necessary in Engineer's opinion to protect Owner from loss for the reasons stated above with respect to progress payments. Otherwise, Engineer will return the Application for Payment to Contractor, indicating in writing the reasons for refusing to recommend final payment, in which case Contractor shall make the necessary corrections and resubmit the Application for Payment.

- C. *Notice of Acceptability*: In support of its recommendation of payment of the final Application for Payment, Engineer will also give written notice to Owner and Contractor that the Work is acceptable, subject to stated limitations in the notice and to the provisions of Paragraph 15.07.
- D. *Completion of Work*: The Work is complete (subject to surviving obligations) when it is ready for final payment as established by the Engineer's written recommendation of final payment and issuance of notice of the acceptability of the Work.
- E. *Final Payment Becomes Due*: Upon receipt from Engineer of the final Application for Payment and accompanying documentation, Owner shall set off against the amount recommended by Engineer for final payment any further sum to which Owner is entitled, including but not limited to set-offs for liquidated damages and set-offs allowed under the provisions of this Contract with respect to progress payments. Owner shall pay the resulting balance due to Contractor within 30 days of Owner's receipt of the final Application for Payment from Engineer.

15.7 *Waiver of Claims*

- A. By making final payment, Owner waives its claim or right to liquidated damages or other damages for late completion by Contractor, except as set forth in an outstanding Claim, appeal under the provisions of Article 17, set-off, or express reservation of rights by Owner. Owner reserves all other claims or rights after final payment.
- B. The acceptance of final payment by Contractor will constitute a waiver by Contractor of all claims and rights against Owner other than those pending matters that have been duly submitted as a Claim, or appealed under the provisions of Article 17.

15.8 *Correction Period*

- A. If within one year after the date of Substantial Completion (or such longer period of time as may be prescribed by the Supplementary Conditions or the terms of any applicable special guarantee required by the Contract Documents), Owner gives Contractor written notice that any Work has been found to be defective, or that Contractor's repair of any damages to the Site or adjacent areas has been found to be defective, then after receipt of such notice of defect Contractor shall promptly, without cost to Owner and in accordance with Owner's written instructions:
 1. correct the defective repairs to the Site or such adjacent areas;
 2. correct such defective Work;
 3. remove the defective Work from the Project and replace it with Work that is not defective, if the defective Work has been rejected by Owner, and
 4. satisfactorily correct or repair or remove and replace any damage to other Work, to the work of others, or to other land or areas resulting from the corrective measures.
- B. Owner shall give any such notice of defect within 60 days of the discovery that such Work or repairs is defective. If such notice is given within such 60 days but after the end of the correction period, the notice will be deemed a notice of defective Work under Paragraph 7.17.B.
- C. If, after receipt of a notice of defect within 60 days and within the correction period, Contractor does not promptly comply with the terms of Owner's written instructions, or in an emergency where delay would cause serious risk of loss or damage, Owner may have the defective Work corrected or repaired or may have the rejected Work removed and replaced. Contractor shall pay all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or

relating to such correction or repair or such removal and replacement (including but not limited to all costs of repair or replacement of work of others). Contractor's failure to pay such costs, losses, and damages within 10 days of invoice from Owner will be deemed the start of an event giving rise to a Claim under Paragraph 12.01.B, such that any related Claim must be brought within 30 days of the failure to pay.

- D. In special circumstances where a particular item of equipment is placed in continuous service before Substantial Completion of all the Work, the correction period for that item may start to run from an earlier date if so provided in the Specifications.
- E. Where defective Work (and damage to other Work resulting therefrom) has been corrected or removed and replaced under this paragraph, the correction period hereunder with respect to such Work will be extended for an additional period of one year after such correction or removal and replacement has been satisfactorily completed.
- F. Contractor's obligations under this paragraph are in addition to all other obligations and warranties. The provisions of this paragraph are not to be construed as a substitute for, or a waiver of, the provisions of any applicable statute of limitation or repose.

ARTICLE 16—SUSPENSION OF WORK AND TERMINATION

16.1 *Owner May Suspend Work*

- A. At any time and without cause, Owner may suspend the Work or any portion thereof for a period of not more than 90 consecutive days by written notice to Contractor and Engineer. Such notice will fix the date on which Work will be resumed. Contractor shall resume the Work on the date so fixed. Contractor shall be entitled to an adjustment in the Contract Price or an extension of the Contract Times directly attributable to any such suspension. Any Change Proposal seeking such adjustments must be submitted no later than 30 days after the date fixed for resumption of Work.

16.2 *Owner May Terminate for Cause*

- A. The occurrence of any one or more of the following events will constitute a default by Contractor and justify termination for cause:
 - 1. Contractor's persistent failure to perform the Work in accordance with the Contract Documents (including, but not limited to, failure to supply sufficient skilled workers or suitable materials or equipment, or failure to adhere to the Progress Schedule);
 - 2. Failure of Contractor to perform or otherwise to comply with a material term of the Contract Documents;
 - 3. Contractor's disregard of Laws or Regulations of any public body having jurisdiction; or
 - 4. Contractor's repeated disregard of the authority of Owner or Engineer.
- B. If one or more of the events identified in Paragraph 16.02.A occurs, then after giving Contractor (and any surety) 10 days' written notice that Owner is considering a declaration that Contractor is in default and termination of the Contract, Owner may proceed to:
 - 1. declare Contractor to be in default, and give Contractor (and any surety) written notice that the Contract is terminated; and
 - 2. enforce the rights available to Owner under any applicable performance bond.

- C. Subject to the terms and operation of any applicable performance bond, if Owner has terminated the Contract for cause, Owner may exclude Contractor from the Site, take possession of the Work, incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere, and complete the Work as Owner may deem expedient.
- D. Owner may not proceed with termination of the Contract under Paragraph 16.02.B if Contractor within 7 days of receipt of notice of intent to terminate begins to correct its failure to perform and proceeds diligently to cure such failure.
- E. If Owner proceeds as provided in Paragraph 16.02.B, Contractor shall not be entitled to receive any further payment until the Work is completed. If the unpaid balance of the Contract Price exceeds the cost to complete the Work, including all related claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals) sustained by Owner, such excess will be paid to Contractor. If the cost to complete the Work including such related claims, costs, losses, and damages exceeds such unpaid balance, Contractor shall pay the difference to Owner. Such claims, costs, losses, and damages incurred by Owner will be reviewed by Engineer as to their reasonableness and, when so approved by Engineer, incorporated in a Change Order. When exercising any rights or remedies under this paragraph, Owner shall not be required to obtain the lowest price for the Work performed.
- F. Where Contractor's services have been so terminated by Owner, the termination will not affect any rights or remedies of Owner against Contractor then existing or which may thereafter accrue, or any rights or remedies of Owner against Contractor or any surety under any payment bond or performance bond. Any retention or payment of money due Contractor by Owner will not release Contractor from liability.
- G. If and to the extent that Contractor has provided a performance bond under the provisions of Paragraph 6.01.A, the provisions of that bond will govern over any inconsistent provisions of Paragraphs 16.02.B and 16.02.D.

16.3 *Owner May Terminate for Convenience*

- A. Upon 7 days' written notice to Contractor and Engineer, Owner may, without cause and without prejudice to any other right or remedy of Owner, terminate the Contract. In such case, Contractor shall be paid for (without duplication of any items):
 - 1. completed and acceptable Work executed in accordance with the Contract Documents prior to the effective date of termination, including fair and reasonable sums for overhead and profit on such Work;
 - 2. expenses sustained prior to the effective date of termination in performing services and furnishing labor, materials, or equipment as required by the Contract Documents in connection with uncompleted Work, plus fair and reasonable sums for overhead and profit on such expenses; and
 - 3. other reasonable expenses directly attributable to termination, including costs incurred to prepare a termination for convenience cost proposal.
- B. Contractor shall not be paid for any loss of anticipated profits or revenue, post-termination overhead costs, or other economic loss arising out of or resulting from such termination.

16.4 *Contractor May Stop Work or Terminate*

- A. If, through no act or fault of Contractor, (1) the Work is suspended for more than 90 consecutive days by Owner or under an order of court or other public authority, or (2) Engineer fails to act on any

Application for Payment within 30 days after it is submitted, or (3) Owner fails for 30 days to pay Contractor any sum finally determined to be due, then Contractor may, upon 7 days' written notice to Owner and Engineer, and provided Owner or Engineer do not remedy such suspension or failure within that time, terminate the contract and recover from Owner payment on the same terms as provided in Paragraph 16.03.

- B. In lieu of terminating the Contract and without prejudice to any other right or remedy, if Engineer has failed to act on an Application for Payment within 30 days after it is submitted, or Owner has failed for 30 days to pay Contractor any sum finally determined to be due, Contractor may, 7 days after written notice to Owner and Engineer, stop the Work until payment is made of all such amounts due Contractor, including interest thereon. The provisions of this paragraph are not intended to preclude Contractor from submitting a Change Proposal for an adjustment in Contract Price or Contract Times or otherwise for expenses or damage directly attributable to Contractor's stopping the Work as permitted by this paragraph.

ARTICLE 17—FINAL RESOLUTION OF DISPUTES

17.1 *Methods and Procedures*

- A. *Disputes Subject to Final Resolution:* The following disputed matters are subject to final resolution under the provisions of this article:
1. A timely appeal of an approval in part and denial in part of a Claim, or of a denial in full, pursuant to Article 12; and
 2. Disputes between Owner and Contractor concerning the Work, or obligations under the Contract Documents, that arise after final payment has been made.
- B. *Final Resolution of Disputes:* For any dispute subject to resolution under this article, Owner or Contractor may:
1. elect in writing to invoke the dispute resolution process provided for in the Supplementary Conditions;
 2. agree with the other party to submit the dispute to another dispute resolution process; or
 3. If no dispute resolution process is provided for in the Supplementary Conditions or mutually agreed to, give written notice to the other party of the intent to submit the dispute to a court of competent jurisdiction.

See SC-17.02

ARTICLE 18—MISCELLANEOUS

18.1 *Giving Notice*

- A. Whenever any provision of the Contract requires the giving of written notice to Owner, Engineer, or Contractor, it will be deemed to have been validly given only if delivered:
1. in person, by a commercial courier service or otherwise, to the recipient's place of business;
 2. by registered or certified mail, postage prepaid, to the recipient's place of business; or
 3. by e-mail to the recipient, with the words "Formal Notice" or similar in the e-mail's subject line.

18.2 *Computation of Times*

- A. When any period of time is referred to in the Contract by days, it will be computed to exclude the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day will be omitted from the computation.

18.3 *Cumulative Remedies*

- A. The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto are in addition to, and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by Laws or Regulations, by special warranty or guarantee, or by other provisions of the Contract. The provisions of this paragraph will be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right, and remedy to which they apply.

18.4 *Limitation of Damages*

- A. With respect to any and all Change Proposals, Claims, disputes subject to final resolution, and other matters at issue, neither Owner nor Engineer, nor any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, shall be liable to Contractor for any claims, costs, losses, or damages sustained by Contractor on or in connection with any other project or anticipated project.

18.5 *No Waiver*

- A. A party's non-enforcement of any provision will not constitute a waiver of that provision, nor will it affect the enforceability of that provision or of the remainder of this Contract.

18.6 *Survival of Obligations*

- A. All representations, indemnifications, warranties, and guarantees made in, required by, or given in accordance with the Contract, as well as all continuing obligations indicated in the Contract, will survive final payment, completion, and acceptance of the Work or termination of the Contract or of the services of Contractor.

18.7 *Controlling Law*

- A. This Contract is to be governed by the law of the state in which the Project is located.

18.8 *Assignment of Contract*

- A. Unless expressly agreed to elsewhere in the Contract, no assignment by a party to this Contract of any rights under or interests in the Contract will be binding on the other party without the written consent of the party sought to be bound; and, specifically but without limitation, money that may become due and money that is due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract.

18.9 *Successors and Assigns*

- A. Owner and Contractor each binds itself, its successors, assigns, and legal representatives to the other party hereto, its successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

18.10 *Headings*

- A. Article and paragraph headings are inserted for convenience only and do not constitute parts of these General Conditions.

END OF GENERAL CONDITIONS

SUPPLEMENTARY CONDITIONS

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SECTION 10 - SUPPLEMENTARY CONDITIONS

These Supplementary Conditions amend or supplement EJCDC® C-700, Standard General Conditions of the Construction Contract (2018). The General Conditions remain in full force and effect except as amended.

The terms used in these Supplementary Conditions have the meanings stated in the General Conditions. Additional terms used in these Supplementary Conditions have the meanings stated below, which are applicable to both the singular and plural thereof.

The address system used in these Supplementary Conditions is the same as the address system used in the General Conditions, with the prefix "SC" added—for example, "Paragraph SC-4.05."

Article 1—DEFINITIONS AND TERMINOLOGY

SC-1.01. Renumber Paragraph 1.01.A.38 to 1.01.A.38.a, and add the following new paragraph:

- A. 1.01.A.38.b. Specialist—The term Specialist refers to a person, partnership, firm, or corporation of established reputation (or if newly organized, whose personnel have previously established a reputation in the same field), which is regularly engaged in, and which maintains a regular force of workers skilled in either (as applicable) manufacturing or fabricating items required by the Contract Documents, or otherwise performing Work required by the Contract Documents. Where the Specifications require the installation by a Specialist, that term shall also be deemed to mean either the manufacturer of the item, a person, partnership, firm, or corporation licensed by the manufacturer, or a person, partnership, firm, or corporation who will perform the Work under the manufacturer's direct supervision.

SC-1.02. Delete Paragraphs 1.01.29 in entirety and replace with the following:

- A. 1.01.29. Notice to Proceed—A written notice by Owner to Contractor fixing the date, which shall not be prior to Contractor's receipt of the required permit(s) on which the Contract Times will commence to run and on which Contractor shall start to perform the Work.

Article 2—PRELIMINARY MATTERS

2.1 *Delivery of Bonds and Evidence of Insurance*

SC-2.01 Delete Paragraphs 2.01.B. and C. in their entirety and insert the following in their place:

- B. *Evidence of Contractor's Insurance:* When Contractor delivers the signed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner copies of the policies (including all endorsements, and identification of applicable self-insured retentions and deductibles) of insurance required to be provided by Contractor in this Contract. Contractor may block out (redact) any confidential premium or pricing information contained in any policy or endorsement furnished under this provision.

2.2 *Copies of Documents*

SC-2.02 Amend Paragraph 2.02.A. to read as follows:

Owner shall furnish to Contractor hard copies of the Contract Documents as are reasonably necessary, with a maximum of five (5) sets, for execution of the work. Additional copies will be furnished, upon request, at the cost of production.

Article 3—**CONTRACT DOCUMENTS: INTENT, REQUIREMENTS, REUSE**

3.01 *Intent*

SC-3.01 Delete Paragraph 3.01.C in its entirety.

Article 4—**COMMENCEMENT AND PROGRESS OF THE WORK**

4.01 *Commencement of Contract Times; Notice to Proceed*

SC-4.01. Delete the third sentence of Paragraph 4.01.A in its entirety.

4.4 *Progress Schedule*

SC-4.04. Add the following new paragraphs to the end of Paragraph 4.04.B:

4.4.C. The Contractor shall submit a construction schedule within ten (10) days of Notice of Award. Thereafter, the Contractor shall submit an updated construction schedule every month.

4.4.D. Contractor shall comply with the requirements of Washoe County Development Code Division 4, Article 414, "Noise and Lighting Standards" in the performance of the Work. However, NO equipment operation, including "warm up," shall occur prior to 8:00 a.m. nor after 7:00 p.m. The Engineer shall have final say as to the adequacy of the equipment for other than day use, and no additional payment shall be made to Contractor for the rental of equipment to meet these limitations.

Article 5—**SITE, SUBSURFACE AND PHYSICAL CONDITIONS, HAZARDOUS ENVIRONMENTAL CONDITIONS**

5.2 *Use of Site and Other Areas*

SC-5.02. Add the following language to the end of Paragraph 5.02.A.1:

Contractor shall not enter upon nor use property not under Owner control until appropriate easements have been executed and a copy is on file at the Site.

5.3 *Subsurface and Physical Conditions*

SC-5.03. Delete Paragraph 5.03.C in its entirety and insert the following in its place:

5.3.C Those reports known to Owner of explorations and tests of subsurface conditions at or adjacent to the Site is as follows:

5.3.C.1. Subsurface explorations and/or tests are in progress. The report will be made available to the contractor when complete. This anticipated to occur in December 2020.

SC-5.3 Add the following new paragraphs immediately after Paragraph 5.3.D:

5.3.E. Due to COVID 19 mandates, no hard copies of reports and/or drawings identified immediately above will be available for review; electronic copies will be provided upon request.

5.3.F. The Contractor shall verify the locations and dimensions of all existing equipment and structures, whether shown on the plans or not, and shall have full responsibility with respect to physical conditions in or relating to such structures and equipment.

5.3.G. Contractor is advised that the Lake Tahoe basin is known for large rocks and boulders buried under the surface, and it is common to find boulders within the work area.

5.4 *Differing Subsurface or Physical Conditions*

SC-5.04 Delete Paragraph 5.04.A in its entirety and insert the following in its place:

5.4.A. Notice by Contractor: If Contractor believes that any subsurface condition that is uncovered or revealed at the Site differs materially from conditions ordinarily encountered in the Tahoe Basin and generally recognized as inherent in work of the character provided for in the Contract Documents; then Contractor shall, promptly after becoming aware thereof and before further disturbing the subsurface conditions or performing any Work in connection therewith (except in an emergency as required by Paragraph 7.15), notify Owner and Engineer in writing about such condition. Contractor shall not further disturb such condition or perform any Work in connection therewith (except with respect to an emergency) until receipt of a written statement permitting Contractor to do so. Owner shall issue a written statement to Contractor regarding the subsurface or physical condition in question, addressing the resumption or continuation of Work in connection with such condition, indicating whether any change in the Drawings or Specifications will be made. Contractor shall not be entitled to any adjustment in the Contract Price or Contract Times with respect to a subsurface or physical condition if:

5.4.A.2.a. Contractor knew of the existence of such condition at the time Contractor made a commitment to Owner with respect to Contract Price and Contract Times by becoming bound under a negotiated contract, or otherwise; or

5.4.A.2.b. The existence of such condition reasonably could have been discovered or revealed as a result of any examination, investigation, exploration, test, or study of the Site and contiguous areas expressly required by the Contract Documents to be conducted by or for Contractor prior to Contractor's making such commitment; or

5.4.A.2.c. Contractor failed to give the written notice as required by SC-5.04.A.

5.6 *Hazardous Environmental Conditions*

SC-5.06. Delete Paragraphs 5.06.A and Paragraph 5.06.B in their entirety and insert the following in their place:

5.6.A. No reports or drawings related to Hazardous Environmental Conditions are known to Owner.

Article 6—**BONDS AND INSURANCE**

6.2 *Insurance—General Provisions*

SC-6.02. Add the following new paragraph immediately after Paragraph 6.02.A:

6.02.A.1. Surety and insurance companies from which the bonds and insurance for this Project are purchased shall have an A.M. Best's rating of no less "A (FSC-VII)."

SC-6.02. Add the following new paragraph immediately after Paragraph 6.02.J:

6.02.K. Contractor shall furnish properly executed certificates of insurance to Owner prior to commencement of Work under this agreement. Such certificates shall: Clearly evidence all coverage required herein, including specific evidence of an endorsement naming Owner and Engineer as an additional insured, as well as all exclusions to the policies; indicate whether coverage provided is on a claims-made or occurrence basis; provide that such insurance shall not be materially changed, terminated or allowed to expire except on 30 days prior written notice to Owner; and be forwarded to: IVGID Engineering Division, 1220 Sweetwater Road, Incline Village, NV 89451. Any failure to comply with reporting provisions of the policies shall not affect coverage

provided to the District, its officers, employees or volunteers.

6.3 *Contractor's Insurance*

SC-6.03. Add the following new paragraphs immediately following Paragraph 6.03.A:

6.3.A.1. **Workman's Compensation:** It is understood and agreed that there shall be no Industrial Insurance coverage provided for the Contractor or any Subcontractor by the District; and in view of NRS 616.280 and 617.210 requiring that Contractor comply with the provisions of Chapters 616 and 617 of NRS, Contractor shall, before commencing work under the provisions of this Agreement, furnish to the District a Certificate of Insurance from an admitted insurance company in the State of Nevada.

6.3.A.2. **General Liability:** Contractor shall purchase General Liability including appropriate Auto Liability with a \$2,000,000 combined single limit per occurrence, for bodily injury, personal injury and property damage.

6.3.A.3. **Commercial Insurance:** Contractor shall procure and maintain for the duration of the Contract, insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the work hereunder by the Contractor, his/her agents, representatives, employees, or subcontractors. Contractor shall purchase General Liability, Auto Liability, Workers' Compensation, and Professional Liability Insurance (if applicable) coverage as required. Contractor shall have a Certificate of Insurance issued to the Incline Village General Improvement District naming it as additional insured, indicating coverage types, amounts and duration of the policy. All certificates shall provide for a minimum written notice of thirty (30) days to be provided to District in the event of material change, termination or non-renewal by either Contractor or carrier.

SC-6.03. Add the following new paragraph immediately following Paragraph 6.03.C:

6.3.D. Deductible and/or Self-Insured Retention (SIR)

1. Any deductible and/or SIR must be declared to and approved by the Owner. The District reserves the right to request additional documentation (financial or otherwise) prior to giving its approval of the deductible and/or SIR and prior to executing the underlying Agreement. Any changes to the deductible and/or SIR made during the term of this Agreement or during the term of any policy, just be approved by the Owner prior to the change taking effective.

6.4 *Builder's Risk and Other Property Insurance*

SC-6.04 Delete Paragraph 6.04.A and insert the following in its place:

- A. Owner shall purchase and maintain builder's risk insurance upon the Work on a completed value basis, in the amount of the Work's full insurable replacement cost (subject to such deductible amounts as may be provided in the Supplementary Conditions or required by Laws and Regulations). The specific requirements applicable to the builder's risk insurance are set forth in the Supplementary Conditions.

Article 7—**CONTRACTOR'S RESPONSIBILITIES**

7.04 *Services, Materials, and Equipment*

SC-7.04. Add the following new paragraph to the end of Paragraph 7.04.C:

7.03.D. Any materials or work not meeting Contract requirements shall be resubmitted to the

Engineer or reconstructed at the Contractor's expense. Contractor is to be aware of District's Ordinance 1, the Solid Waste Ordinance, and pay specific attention to Section 4.5, Dumpster Use, Location and Enclosure. Any construction dumpster on the job site that is not properly enclosed shall be a fully locking roll-top, and is to remain locked and secured at all times.

7.09 *Permits*

SC-7.09. Add the following new paragraph's to the end of Paragraph 7.09.A:

7.9.B. A.B. Contractor shall be responsible for coordination and obtaining of any and all permits paid by OWNER and certificates, required by the relevant regulatory agencies, applicable to constructing and, upon completion, utilization of this facility by OWNER including: Plan Check fee(s), Building Permit(s), Grading Permit(s), Drainage/Flood Control Permit(s), Electrical Permit(s), Mechanical Permit(s), Plumbing Permit(s), Fire Protection Permit(s), Water/Sanitation Connection Fee(s), Temporary Occupancy Certificate(s), Permanent Occupancy Certificate, or Security Deposits.

C... 7.9.C. All permits, licenses, and inspection fees necessary for prosecution and completion of the work shall be secured and paid for by the Contractor, unless otherwise specified:

1. The CONTRACTOR shall conduct all Work in accordance with the Tahoe Regional Planning Agency (TRPA) Code of Ordinances, whether shown on the plans or not. If the CONTRACTOR fails to follow any requirements which result in a penalty by TRPA to the OWNER, the CONTRACTOR shall be responsible for any costs associated with the penalty.

2. Contractor shall be responsible for dust control throughout all phases of construction. All local ordinances regarding dust control shall be complied with, including the Washoe County Health Department requirements. The responsibility of obtaining the regulations and requirements, including obtaining a Dust Control Permit, if required, and full compliance with such ordinances is solely that of the Contractor.

7.11 *Laws and Regulations*

SC-7.11. Add the following new paragraph(s) immediately after Paragraph 7.11.C:

7.11.D. While not intended to be inclusive of all Laws or Regulations for which Contractor may be responsible under Paragraph 7.11, the following Laws or Regulations are included as mandated by statute or for the convenience of Contractor:

7.11.D.1. Prevailing Wage Rates:

7.11.D.1.a. Pursuant to NRS 338.020, hourly and daily rate of wages must not be less than prevailing wage in Washoe County. The most current schedule of prevailing wage rates as of contract award date, as determined by the Labor Commission of the State of Nevada, is included herein and shall be posted onsite.

7.11.D.2. Fair Employment Practices:

7.11.D.2.a. Pursuant to NRS 338.125, in connection with performance of Work under these Contract Documents, Contractor agrees not to discriminate against any employee or applicant for employment because of race, creed, color, national origin, sex, sexual orientation, or age. Such agreement shall include, but not be limited to, the following: Employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship.

7.11.D.2.b. Contractor further agrees to insert this provision in all subcontracts thereunder except subcontracts for standard commercial supplies or raw materials.

7.11.D.2.c. Any violation of such provision by a Contractor shall constitute a material breach of Contract.

7.11.D.3. Preferential Employment:

7.11.D.3.a. Pursuant to NRS 338.130, Contractor shall give preference in hiring, the qualifications of the applicants being equal: (a) First: To honorably discharged soldiers, sailors, and marines of the United States who are citizens of the State of Nevada; and (b) Second: To other citizens of the State of Nevada.

7.11.D.3.b. If the provisions of NRS 338.130 are not complied with by Contractor, Contract shall be void, and any failure or refusal to comply with any of the provisions of this section shall render any such Contract void.

7.11.D., SB 207, Apprentice Utilization Act

Contractor shall comply with Chapter 527, Statutes of Nevada 2019, enacted by the Nevada Legislature by passage of Senate Bill 207, which requires contractor and subcontractors to comply with certain requirements relating to the use of apprentices on public works projects.

7.11.E. The Contractor shall submit all certified payroll reports electronically via the internet into the Owner's contracted tracking system LCPtracker. This requirement will apply to every lower-tier subcontractor and vendor required to provide certified payroll reports by NRS 338.010 to 338.090 inclusive. Upon issuance of the Notice to Proceed, the Owner will provide the Contractor with the website addresses and a Login Identification with a password to access the payroll system. The Contractor is responsible for the set-up of access to the payroll system to their subcontractors. Training to utilize the system is available on the LCPtracker website.

7.13 *Safety and Protection*

SC-7.13. Add the following new paragraph immediately after 7.13.G:

7.13.G.1. The following Owner safety program(s) are applicable to the Work:

1. The Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work to be performed under this Agreement. The Contractor shall take all necessary precautions for the safety of, and shall provide all necessary protection to prevent damage, injury, or loss to:
 - a. All employees and all other persons who may be affected by the operations of this Agreement.
 - b. All materials and equipment whether in storage on or off the construction site.
 - c. Other property at the construction site or adjacent to the construction site, including but not limited to trees, shrubs, lawns, walks, pavements, roadways, structures, and utilities not designated for removal, relocation, or replacement in the course of construction.
2. The Contractor shall comply with all applicable laws, ordinances, rules, regulations, and others of any public authority having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss. The Contractor shall erect and maintain, as required by existing conditions and progress on the project, all necessary safeguards for safety and protection, including posting danger signs and other warnings against hazards, promulgating safety regulations, and notifying owners and users of adjacent utilities. Contractor shall comply with OSHA's Hazard

Communication Standards.

3. The Contractor shall designate a responsible member of his/her organization at the construction site whose duty shall be the prevention of accidents. This person shall be the Contractor's superintendent unless otherwise designated in writing by the Contractor to the Owner.
4. The Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with any confined space entries to be performed during completion of work under this Agreement. Contractor responsibilities include but are not limited to:
 - a. Review and be familiar with the Owner's online written Confined Space program.
 - b. Review documented information about Owner's confined spaces in which entry is intended. This information includes identified hazards for each permit-required confined space. The Contractor shall be responsible for performing their own hazard assessment prior to any confined space entry.
 - c. Contractor shall have their own confined space entry program. Upon request of the Owner, Contractor will provide a statement confirming they are in compliance with their confined space entry program including requirements for confined space training for employees associated with the Work.
 - d. Be responsible for following all confined space requirements established by the provisions in CFR 1910.146 and its chapters.
 - e. Coordinate entry operations with the Owner when employees from the Contractor will be working in or near confined spaces.
 - f. Debrief the Owner on any hazards confronted or created at the completion of entry operations.
 - g. Place signs stating, "Danger, Follow Confined Space Entry Procedures Before Entering" at each confined space to be entered. The Contractor shall never leave a confined space open or unattended.

Article 8—OTHER WORK AT THE SITE

8.4 Coordination with Beach operations

8.4.A Burnt Cedar Beach shall remain open and fully operational throughout construction. Impacts are expected and shall be fully and timely communicated to the District.

8.4.B All construction work shall be coordinated with the District's construction inspector and the Aquatics Manager. Any parking impacts, pedestrian detours, major deliveries, utility disruptions, or any other impacts to tennis operations shall be communicated to the Aquatics Manager at least 48 hours ahead of their occurrence, unless greater notification is required elsewhere in these specifications.

8.4.C Contractor shall provide continuous access for Burnt Cedar Beach users between the East and West parking lot and the around the construction area.

8.4.D Pathway detours shall be clearly signed and delineated and safely isolated from construction activities.

8.4.E IVGID maintenance staff will locate and mark all existing irrigation mains, laterals, and heads upon the 72-hour request of the Contractor. No work proximate to the irrigation systems shall begin until this locating work is completed. Contractor shall immediately repair any irrigation damaged by their activities.

8.4.F Parking is limited on IVGID properties. Contractor and sub-contractor employees shall limit the number of vehicles on-site to the minimum necessary to complete the required work. All Contractor and sub-contractor employees shall only park in agreed to parking spaces.

Article 9—OWNER'S RESPONSIBILITIES

9.12 *Owner's Site Representative*

SC-9.12 Add the following new paragraphs immediately after Paragraph 9.12 of the General Conditions:

9.13 *Owner as Resident Project Representative*

9.13.A. Owner may furnish Project representation during the construction period. The duties, responsibilities, and limitations of authority specified for Engineer in Article 10, Engineer's Status During Construction, and elsewhere in the Contract Documents will be those of Owner.

9.13.B. In addition to the Resident Project Representative which may be furnished by Engineer, Owner may furnish an Owner's Site representative to assist Engineer. The responsibilities, authorities, and limitations of authority of Owner's Site representative will be as specified for Engineer's Resident Project Representative.

Article 10—ENGINEER'S STATUS DURING CONSTRUCTION

10.05 Determinations for Unit Price Work

SC-10.05. Delete Paragraph 10.05 in its entirety and replace it with the following paragraph:

10.05. The Engineer will have the authority to determine the actual quantities and classifications of the items of Unit Price Work performed by the Contractor, and the written decisions of the Engineer on such matters will be final, binding on the Owner and Contractor, and not subject to appeal (except as modified by the Engineer to reflect changed factual conditions).

10.07 Limitations on Engineer's Authority and Responsibilities

SC-10.07. Add the following new paragraph immediately after Paragraph 10.07.E:

10.07.F. Contractors, Subcontractors, Suppliers, and others on the Project, or their sureties, shall maintain no direct action against Engineer, its officers, employees, affiliated corporations, and subcontractors, for any Claim arising out of, in connection with, or resulting from the engineering services performed. Only the Owner will be the beneficiary of any undertaking by Engineer.

Article 11—CHANGES TO THE CONTRACT

11.7 Change of Contract Price

SC-11.7. Add the following new paragraph immediately after Paragraph 11.7.C:

11.7.D. In the event Contractor submits request for additional compensation as a result of a change or differing Site conditions, or as a result of delays, acceleration, or loss of productivity, Owner reserves right, upon written request, to audit and inspect Contractor's books and records relating to the Project. Upon written request for an audit, Contractor shall make its books and records available within 14 days of request. Owner shall specifically designate identity of auditor. As part of audit, Contractor shall make available its books and records relating to the Project, including but not limited to Bidding Documents, cost reports, payroll records, material invoices, subcontracts, purchase orders, daily timesheets, and daily diaries. Audit shall be limited to those cost items which are sought by Contractor in a change order or claim submission to Owner.

SC-11.7.C.d. Delete Paragraph 11.7 in its entirety and replace it with the following paragraph:

- d. No fee will be payable on the basis of costs itemized under Paragraphs 13.01.B.4, 13.01.B.5, e & f, and 13.01.C;

Article 12—CLAIMS

No suggested Supplementary Conditions in this Article.

Article 13—COST OF WORK; ALLOWANCES, UNIT PRICE WORK

SC-13.2. Renumber Paragraph 13.2.D, and 13.2.E and add the following new paragraph:

SC-13.2.D Contractor's Contingency Allowance: The Contractor's Contingency is an itemized amount that may be utilized by the Contractor, at his/her discretion. The Contractor's Contingency shall be used for missing items or "holes" within the scope of work, sub-bids or other items not shown on the documents that are needed to complete the work, all of which must be agreed to by the Owner, Architect/Engineer and the Contractor. Any portion of the Contractor's Contingency that remains when the Work is completed shall be split between the Owner and Contractor in accordance with the percentage values listed in the Owner-Contractor Construction Agreement.

Article 14—TESTS AND INSPECTIONS; CORRECTION, REMOVAL, OR ACCEPTANCE OF DEFECTIVE WORK

No suggested Supplementary Conditions in this Article.

Article 15—PAYMENTS TO CONTRACTOR, SET OFFS; COMPLETIONS; CORRECTION PERIOD

No suggested Supplementary Conditions in this Article.

Article 16—**SUSPENSION OF WORK AND TERMINATION**

No suggested Supplementary Conditions in this Article.

Article 17—**FINAL RESOLUTIONS OF DISPUTES**

17.02 *Arbitration*

SC-17.02. Add the following new paragraph immediately after Paragraph 17.01.

SC-17.02.A. All matters subject to final resolution under this Article will be decided by arbitration in accordance with the rules of NRS, subject to the conditions and limitations of this paragraph. This agreement to arbitrate and any other agreement or consent to arbitrate entered into will be specifically enforceable under the prevailing law of any court having jurisdiction.

SC-17.02.B. The demand for arbitration will be filed in writing with the other party to the Contract and with the selected arbitrator or arbitration provider, and a copy will be sent to Engineer for information. The demand for arbitration will be made within the specific time required in this Article, or if no specified time is applicable within a reasonable time after the matter in question has arisen, and in no event shall any such demand be made after the date when institution of legal or equitable proceedings based on such matter in question would be barred by the applicable statute of limitations. The demand for arbitration should include specific reference to Paragraph SC-17.02.D below.

SC-17.02.C. No arbitration arising out of or relating to the Contract shall include by consolidation, joinder, or in any other manner any other individual or entity (including Engineer, and Engineer's consultants and the officers, directors, partners, agents, employees or consultants of any of them) who is not a party to this Contract unless:

SC-17.02.C.1. the inclusion of such other individual or entity is necessary if complete relief is to be afforded among those who are already parties to the arbitration; and

SC-17.02.C.2. such other individual or entity is substantially involved in a question of law or fact which is common to those who are already parties to the arbitration and which will arise in such proceedings.

SC-17.02.D. The award rendered by the arbitrator(s) shall be consistent with the agreement of the parties, in writing, and include a concise breakdown of the award, and a written explanation of the award specifically citing the Contract provisions deemed applicable and relied on in making the award.

SC-17.02.E. The award will be final. Judgment may be entered upon it in any court having jurisdiction thereof, and it will not be subject to modification or appeal, subject to provisions of the Laws and Regulations relating to vacating or modifying an arbitral award.

SC-17.02.F. The fees and expenses of the arbitrators and any arbitration service shall be shared equally by Owner and Contractor.

Article 18—**MISCELLANEOUS**

No suggested Supplementary Conditions in this Article.

END OF SUPPLEMENTARY CONDITIONS

STATE OF NEVADA

STEVE SISOLAK
GOVERNOR

TERRY REYNOLDS
DIRECTOR

SHANNON M. CHAMBERS
LABOR COMMISSIONER



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2021 PREVAILING WAGE RATES WASHOE COUNTY

DATE OF DETERMINATION: October 1, 2020

APPLICABLE FOR PUBLIC WORKS PROJECTS OVER \$100,000 BID/AWARDED
OCTOBER 1, 2020 THROUGH SEPTEMBER 30, 2021*

Pursuant to Nevada Revised Statutes (NRS) section 338.030(9)(a), "If the contract for a public work: (a) Is to be awarded pursuant to a competitive bidding process, the prevailing wages in effect at the time of the opening of the bids for a contract for a public work must be paid until the completion or termination of the contract or for the 36 months immediately following the date on which the bids were opened, whichever is earlier." For contracts not awarded pursuant to competitive bidding, please see NRS section 338.030(9)(b). However, if a project exceeds 36 months new wage rates may apply pursuant to NRS section 338.030(9)(10). Prevailing Wage Rates may be adjusted based on Collective Bargaining Agreements (CBA's) and adjustments to those agreements. (See NRS 338.030)

As Amendments/Revisions are made to the wage rates, these will be posted on the website for each respective Region. Please review regularly for any Amendments/Changes that are posted or contact our offices directly for further assistance.

AIR BALANCE TECHNICIAN
ALARM INSTALLER
BOILERMAKER
BRICKLAYER
CARPENTER
CEMENT MASON
ELECTRICIAN-COMMUNICATION TECH.
ELECTRICIAN-LINE
ELECTRICIAN-NEON SIGN
ELECTRICIAN-WIREMAN
ELEVATOR CONSTRUCTOR
FENCE ERECTOR
FLAGPERSON
FLOOR COVERER
GLAZIER
HIGHWAY STRIPER
HOD CARRIER-BRICK MASON
HOD CARRIER-PLASTERER TENDER
IRON WORKER
LABORER
LUBRICATION AND SERVICE ENGINEER
(MOBILE AND GREASE RACK)

MECHANICAL INSULATOR
MILLWRIGHT
OPERATING ENGINEER
OPERATING ENG. STEEL
FABRICATOR/ERECTOR
OPERATING ENGINEER-PILEDRIIVER
PAINTER
PILEDRIIVER (NON-EQUIPMENT)
PLASTERER
PLUMBER/PIPEFITTER
REFRIGERATION
ROOFER (Does not include sheet metal roofs)
SHEET METAL WORKER
SOIL TESTER (CERTIFIED)
SOILS AND MATERIALS TESTER
SPRINKLER FITTER
SURVEYOR (NON-LICENSED)
TAPER
TILE /TERRAZZO WORKER/MARBLE MASON
TRAFFIC BARRIER ERECTOR
TRUCK DRIVER
WELL DRILLER

Nevada Revised Statutes (NRS) 338.010(21) "Wages" means:

- a) The basic hourly rate of pay; and
- b) The amount of pension, health and welfare, vacation and holiday pay, the cost of apprenticeship training or other similar programs or other bona fide fringe benefits which are a benefit to the workman.

NRS 338.035 Discharge of part of obligation of contractor or subcontractor engaged on public work to pay wages by making certain contributions in name of workman.

"Bona fide fringe benefit" means a benefit in the form of a contribution that is made not less frequently than monthly to an independent third party pursuant to a fund, plan or program: (a) Which is established for the sole and exclusive benefit of a worker and his or her family and dependents; and (b) For which none of the assets will revert to, or otherwise be credited to, any contributing employer or sponsor of the fund, plan or program. The term includes, without limitation, benefits for a worker that are determined pursuant to a collective bargaining agreement and included in the determination of the prevailing wage by the Labor Commissioner pursuant to NRS 338.030.

Please see NRS 338.010 for further details on "Bona fide fringe benefits" and reporting requirements and exceptions.

Job Descriptions for Recognized Classes of Workmen

Regarding job descriptions for public works projects, please take notice of the following:

1. The job description links have been redacted to include ONLY the scope of work for the craft.
2. Pursuant to NAC 338.0095(1)(a), "A workman employed on a public work must be paid based on the type of work that the workman actually performs on the public work and in accordance with the recognized class of the workman."
3. The work description for a particular class is not intended to be jurisdictional in scope.
4. Any person who believes that a type of work is not classified, or who otherwise needs clarification pertaining to the recognized classes or job descriptions, shall contact the Labor Commissioner, in writing, for a determination of the applicable classification and pay rate for a particular type of work.
5. The job descriptions set forth or referenced herein supersede any and all descriptions previously agreed upon by the Labor Commissioner in any settlement agreements or stipulations arising out of contested matters.
6. The following specific provisions, where applicable, shall prevail over any general provisions of the job descriptions:
 - Amendments to the prevailing wage determinations;
 - Group Classifications and/or descriptions recognized by the Labor Commissioner and included with wage determinations for a particular type of work in a particular county.

Zone Rates

The zone rate has been added to each applicable craft.

Premium Pay

Premium pay for hours worked in excess of a shift of 8 hours or 12 hours or such other time increment set forth in the Collective Bargaining Agreement or on a weekend or holiday.

PREVAILING WAGE RATES INCLUDE THE BASE RATE AS WELL AS ALL APPLICABLE FRINGES

| CRAFT | RATE | Union or Non-union Rate |
|--|-------------|--------------------------------|
| AIR BALANCE TECHNICIAN | | Union |
| Air Balance Technician-Journeyman | | 66.45 |
| Air Balance Technician-Foreman | | 70.28 |
| Air Balance Technician-General Foreman | | 74.10 |
| <p>See AIR BALANCE TECHNICIAN JOB DESCRIPTION</p> <p>ADD ZONE RATE In addition to AIR BALANCE rates add the applicable amounts per hour, calculated based on a road from the courthouse in Reno, Nevada:</p> <p>Zone 1- 1 to 75 miles \$0.00 (including the City of Fallon and the Fallon Naval Air Base) Zone 2- 75 to 100 miles \$5.00 Zone 3- over 100 miles \$10.00 the employee shall be provided reasonable lodging and meal expenses.</p> <p>ADD PREMIUM PAY</p> <p>All hourly rates are subject to Over Time (One and one half 1 ½) of the Regular rate:</p> <ol style="list-style-type: none"> For all hours worked over Eight (8) Hours in one day or shift. For the first Eight (8) Hours work on Saturday. <p>All hourly rates are subject to Double Time of the Regular Rate:</p> <ol style="list-style-type: none"> For all hours worked over Ten (10) Hours in one day or shift. For all hours worked over Eight (8) Hours on Saturday. For all hours worked on Sunday, New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Nevada Day, Thanksgiving Day, Day after Thanksgiving, Day before Christmas, and Christmas Day. | | |
| ALARM INSTALLER | | Non-Union |
| Alarm Installer | | 32.77 |
| <p>ALARM INSTALLER Includes but is not limited to:</p> <ol style="list-style-type: none"> Installing or testing electrical protective signaling systems used to provide notification of fire, burglary or other irregularities on the premises of the subscriber of the system; Installing of wiring and signaling units; Repairing electrical protective signaling systems Starting up, programming and documenting systems; | | |
| BOILERMAKER | | Non-Union |
| Boilermaker | | 67.92 |
| BOILERMAKER | | |

Includes but is not limited to:

1. Constructing, assembling, maintaining and repairing stationary steam boilers and boiler house auxiliaries;
2. Aligning structures or plate sections to assemble boiler frame tanks or vats;
3. Assisting in the testing of assembled vessels, directing cleaning of boilers and boiler furnaces;
4. Inspecting and repairing boiler fittings, including, without limitation, safety valves, regulators, automatic-control mechanisms, water columns and auxiliary machines.

| | |
|----------------------------|-----------|
| BRICKLAYER | Non-Union |
| Bricklayer-Journeyman | 39.38 |
| Bricklayer-Foreman | 39.38 |
| Bricklayer-General Foreman | 39.38 |

BRICKLAYER, includes but is not limited to:

1. Laying materials, including without limitation, brick, structural tile and blocks of concrete, cinder, glass, gypsum and terra cotta, but not including stone, to construct or repair walls, partitions, arches, sewers, and other structures;
2. Laying and aligning bricks, blocks or tiles to build or repair structures for high temperature equipment, including, without limitation, cupola, kilns, ovens and furnaces; and
3. Fastening or fusing brick or other building materials to structures with wire clamps, anchor holes, torches or cement.
4. Pointing-cleaning-caulking of all types of masonry; caulking of window frames encased in masonry on brick, stone or cement structures, including grinding and cutting out on such work and sand blasting, steam cleaning and gunite work.
5. Pointing, cleaning and weatherproofing of buildings, grain elevators and chimneys built of stone, brick or concrete, including grinding and cutting out, sand blasting and gunite work on the same.

| | |
|---------------------------|-------|
| CARPENTER | Union |
| Carpenter-Journeyman | 51.26 |
| Carpenter-Foreman | 54.56 |
| Carpenter-General Foreman | 58.19 |

See CARPENTER JOB DESCRIPTION

ADD ZONE RATE
 (Building and Heavy Highway and Dam Construction)
 In addition to CARPENTER rates add the applicable amounts per hour, calculated from the Washoe County Courthouse:

| | | |
|---------|----------------|---|
| Zone 1- | 0 to 75 miles | \$0.00 (Road miles from the Washoe County Courthouse) |
| Zone 2- | 75-150 miles | \$4.00 |
| Zone 3- | 150-300 miles | \$5.00 |
| Zone 4- | over 300 miles | \$6.00 |

ADD PREMIUM PAY

Any work performed over eight (8) hours per day and on Saturdays shall be compensated at time and

one-half (1-1/2x) the appropriate hourly rate. All work performed on Sundays, holidays and over twelve (12) hours in one (1) day shall be compensated at two times (2x) the appropriate hourly rate.

| | |
|-------------------------|-------|
| CEMENT MASON | Union |
| Cement Mason-Journeyman | 45.12 |
| Cement Mason-Foreman | 48.37 |

See CEMENT MASON JOB DESCRIPTION

ADD ZONE RATE

In addition to CEMENT MASON rates add the applicable amounts per hour, calculated from the Reno Post Office, 50 So. Virginia St., Reno, Nevada:

| | | |
|---------|-------------------|--------|
| Zone 1- | 0-90 miles | \$0.00 |
| Zone 2- | 91 miles and over | \$6.00 |

ADD PREMIUM PAY

OVERTIME – Any worked performed over eight (8) hours per day shall be compensated at time and one half the hourly rate. All work performed after twelve (12) consecutive hours shall be paid at double the hourly rate. All worked performed on Saturdays shall be compensated at time and one half the hourly rate. All Sunday and Holiday work shall be paid for at double time.

| | |
|---|-------|
| ELECTRICIAN-COMMUNICATION TECHNICIAN | Union |
| Communication Installer | 38.52 |
| Communication Technician | 42.50 |
| Senior Technician | 45.59 |

See ELECTRICIAN-COMMUNICATION TECH JOB DESCRIPTION

ADD ZONE RATE

In addition to Electrician Communication Tech rates add the applicable amounts per hour, calculated from the Washoe County Courthouse:

| | | |
|----------|-------------------|--------|
| Zone 1- | 0-70 miles | \$0.00 |
| Zone 2- | 71-90 miles | \$5.00 |
| Zone 3 - | 91 miles and over | \$7.00 |

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

1. For all hours worked over eight (8) hours in one day or shift.
2. For the first eight (8) hours worked on Saturday

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over eight (10) hours in one day or shift.
2. For any hours worked on Sunday
3. For any hours worked on Holidays

Shift Rates

1. Swing shift to be paid at seventeen-point three (17.3) percent the regular straight time rate for hours between 4:30 p.m. and 1:00 a.m.
2. Graveyard shift to be paid at thirty-one-point four (33.4) percent the regular straight time rate for hours between 12:30 a.m. and 9:00 a.m.
3. Shifts are established for at least five (5) consecutive days or double the regular straight time rate shall be paid.

****Note – Double the straight time rate is the max rate paid. (No pyramiding of overtime rates)**

| | |
|-----------------------------|-------|
| ELECTRICIAN-LINE | Union |
| Electrician-Groundman | 42.28 |
| Electrician-Lineman | 64.02 |
| Electrician-Foreman | 70.19 |
| Electrician-General Foreman | 76.56 |
| Heavy Equipment Operator | 52.19 |

See ELECTRICIAN LINEMAN JOB DESCRIPTION

ADD PREMIUM PAY

Premium pay for hours worked in excess of a shift of 8 hours or 12 hours or such other time increment set forth in the Collective Bargaining Agreement or on a weekend or holiday.

| | |
|------------------------------|-------|
| ELECTRICIAN-NEON SIGN | Union |
| Electrician-Neon Sign | 54.44 |

ELECTRICIAN-NEON SIGN, includes but is not limited to:

1. Installing, servicing and repairing plastic, neon and illuminated signs;
2. Ascending ladders or operating hydraulic or electric hoist to install, service, or examine sign to determine cause of malfunction;
3. Wiring, rewiring or removing defective parts and installing new parts using electrician's tools;
4. Removing sign or part of sign for repairs, such as structural fabrication, scroll repair, or transformer repair;

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

1. For all hours worked over eight (8) hours in one day or shift, either before or after the shift.
2. For up to 8 hours worked on Saturday from midnight to midnight.

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over eleven (11) hours in one day or shift, Monday thru Friday.
2. For all hours worked in excess of 8 hours on Saturday, Sundays or Holidays.

SHIFT DIFFERENTIAL

Second Shift (Swing) will be an additional \$0.75 cents per hour.

Third Shift (Graveyard) will be an additional \$1.00 per hour.

HIGH TIME (Working at heights)

1. All employees working at height of 65 feet and subject to a direct fall shall be paid an additional \$2.25 per hour in addition to their normal rate for a minimum of 2 hours.

2. All employees working at height of 125 feet or when repelling below 65 feet shall be paid an additional \$3.25 per hour in addition to their normal rate for a minimum of 4 hours.

FOREMAN

1. First employee on the job must have a CDL and Welder certification and shall be paid \$1.00 per hour in addition to their normal rate of pay.
2. When supervising (5) or more workers shall be paid an additional \$1.25 per hour.

| | |
|----------------------------|-------|
| ELECTRICIAN-WIREMAN | Union |
| Wireman | 61.64 |
| Cable Splicer | 65.91 |
| Wireman-Foreman | 65.91 |
| Wireman-General Foreman | 70.18 |

See ELECTRICIAN-WIREMAN JOB DESCRIPTION

ADD ZONE RATE

In addition to Electrician rates add the applicable amounts per hour, calculated from the Washoe County Courthouse:

| | | |
|----------|-------------------|---------|
| Zone 1- | 0-70 miles | \$0.00 |
| Zone 2- | 71-90 miles | \$8.00 |
| Zone 3 - | 91 miles and over | \$10.00 |

ADD PREMIUM PAY

Premium pay for hours worked in excess of a shift of 8 hours or 12 hours or such other time increment One and one half (1 ½) the regular straight time hourly rate shall be paid:

1. For all hours worked over eight (8) hours in one day or shift.
2. For the first eight (8) hours worked on Saturday

Double the regular straight time hourly rate shall be paid for all time:

3. For all hours worked over ten (10) hours in one day or shift.
4. For any hours worked on Sunday
5. For any hours worked on Holidays

Shift Rates

1. Swing shift to be paid at seventeen-point three (17.3) percent the regular straight time rate for hours between 4:30 p.m. and 1:00 a.m.
2. Graveyard shift to be paid at thirty-one-point four (33.4) percent the regular straight time rate for hours between 12:30 a.m. and 9:00 a.m.
3. Shifts are established for at least five (5) consecutive days or double the regular straight time rate shall be paid.

**Note – Double the straight time rate is the max rate paid. (No pyramiding of overtime rates)

| | |
|--|--------|
| ELEVATOR CONSTRUCTOR | Union |
| Elevator Constructor-Journeyman Mechanic | 110.13 |
| Elevator Constructor-Mechanic in Charge | 119.55 |

ELEVATOR CONSTRUCTOR, includes but is not limited to:

1. Assembling, installing, repairing and maintaining electric and hydraulic freight and passenger elevators, escalators and dumbwaiters;
2. Cutting prefabricated sections of framework, rails and other elevator components to specified dimensions, using acetylene torch, power saw, and disc grinder;
3. Installing cables, counterweights, pumps, motor foundations, escalator drives, guide rails, elevator cars, and control panels, using hand tools;

ADD PREMIUM PAY

Premium pay for hours worked in excess of a shift of 8 hours or 12 hours or such other time increment set forth in the Collective Bargaining Agreement or on a weekend or holiday.

FENCE ERECTOR

Non-Union

Fence Erector

44.68

FENCE ERECTOR

Includes but is not limited to:

1. Erecting or repairing chain link, wooden, tortoise, wire/wire mesh, or temporary fencing;
2. Mixing and pouring concrete around bases of posts and tamping soil into post hole to embed post;
3. Digging post holes with a spade, post hole digger or power-driven auger;
4. Aligning posts through the use of lines or by sighting;
5. Verifying vertical alignment of posts with a plumb bob or spirit level;

FLAGPERSON

Union

Flagperson

39.06

FLAG PERSON, includes but is not limited to:

1. Directing movement of vehicular traffic through construction projects;
2. Distributing traffic control signs and markers along site in designated pattern;
3. Informing drivers of detour routes through construction sites;

ADD LABORER ZONE RATE

(Highway and Dam Construction only)

In addition to LABORER rates add the applicable amounts per hour, calculated based on a road miles from either the Carson City Courthouse or the Washoe County Courthouse:

| | | |
|---------|--------------------|--------|
| Zone 1- | 0 to 75 miles | \$0.00 |
| Zone 2- | 75 to 150 miles | \$4.00 |
| Zone 3- | 150 to 300 miles | \$5.00 |
| Zone 4- | 300 miles and over | \$6.00 |

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

1. For all hours worked over eight (8) hours in one day or shift.
2. For any hours worked on Saturday from midnight to midnight.

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over twelve (12) hours in one day or shift.
2. For any hours worked on Sunday from midnight to midnight.
3. For any hours worked on holidays from midnight to midnight.

| | | | | | | | | | | | | | |
|---|--------------------|---------|---------------|--------|---------|-----------------|--------|---------|------------------|--------|---------|--------------------|--------|
| FLOOR COVERER | Union | | | | | | | | | | | | |
| Floor Coverer-Journeyman | 46.44 | | | | | | | | | | | | |
| Floor Coverer-Foreman | 48.76 | | | | | | | | | | | | |
| See FLOOR COVERER JOB DESCRIPTION | | | | | | | | | | | | | |
| <p>ADD PREMIUM PAY Shift work 1. \$2.00 per hour will be added to the taxable net wage to shift schedule of hours worked between 6:00 p.m. and 6:00 a.m. The Union must be notified in advance before utilizing shift work on a particular job.</p> <p>One and one half (1 ½) time -shall be calculated using one (1) hour of the taxable net wage and one half (1/2) the base wage (Article 23, section 5), to be paid for all time:</p> <ol style="list-style-type: none"> 1. For all hours worked over ten (10) hours in one day or shift. 2. For any hours worked on Saturday from midnight to midnight <p>Double time -shall be calculated using one (1) hour of the taxable net wage and one (1) of the base wage (Article 23, section 5), to be paid for all time:</p> <ol style="list-style-type: none"> 1. For any hours worked on Sunday from midnight to midnight 2. For any hours worked on holidays from midnight to midnight | | | | | | | | | | | | | |
| GLAZIER | Non-Union | | | | | | | | | | | | |
| Glazier Journeyman | 23.90 | | | | | | | | | | | | |
| <p>GLAZIER Includes but is not limited to:</p> <ol style="list-style-type: none"> 1. Installing, setting, cutting, preparing, or removal of glass, or materials used in lieu thereof, including, without limitation, in windows, doorways, showers, bathtubs, skylights and display cases; 2. Installing glass on surfaces, including, without limitation, fronts of buildings, interior walls and ceilings; 3. Installing pre-assembled framework for windows and doors designed to be fitted with glass panels, including stained glass windows by using hand tools; 4. Loading and arranging of glass on trucks at the site of the public work; | | | | | | | | | | | | | |
| HIGHWAY STRIPER | Union | | | | | | | | | | | | |
| Highway Striper | 44.68 | | | | | | | | | | | | |
| See HIGHWAY STRIPER JOB DESCRIPTION | | | | | | | | | | | | | |
| <p>ADD LABORER ZONE RATE (Highway and Dam Construction only) In addition to LABORER rates add the applicable amounts per hour, calculated based on a road miles from either the Carson City Courthouse or the Washoe County Courthouse:</p> <table> <tr> <td>Zone 1-</td> <td>0 to 75 miles</td> <td>\$0.00</td> </tr> <tr> <td>Zone 2-</td> <td>75 to 150 miles</td> <td>\$4.00</td> </tr> <tr> <td>Zone 3-</td> <td>150 to 300 miles</td> <td>\$5.00</td> </tr> <tr> <td>Zone 4-</td> <td>300 miles and over</td> <td>\$6.00</td> </tr> </table> | | Zone 1- | 0 to 75 miles | \$0.00 | Zone 2- | 75 to 150 miles | \$4.00 | Zone 3- | 150 to 300 miles | \$5.00 | Zone 4- | 300 miles and over | \$6.00 |
| Zone 1- | 0 to 75 miles | \$0.00 | | | | | | | | | | | |
| Zone 2- | 75 to 150 miles | \$4.00 | | | | | | | | | | | |
| Zone 3- | 150 to 300 miles | \$5.00 | | | | | | | | | | | |
| Zone 4- | 300 miles and over | \$6.00 | | | | | | | | | | | |

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

- 3. For all hours worked over eight (8) hours in one day or shift.
- 4. For any hours worked on Saturday from midnight to midnight.

Double the regular straight time hourly rate shall be paid for all time:

- 4. For all hours worked over twelve (12) hours in one day or shift.
- 5. For any hours worked on Sunday from midnight to midnight.
- 6. For any hours worked on holidays from midnight to midnight.

HOD CARRIER-BRICK MASON TENDER

Union

Brick Mason-Journeyman

41.98

Brick Mason-Foreman

42.38

See HOD CARRIER-BRICK MASON TENDER JOB DESCRIPTION

ADD ZONE RATE

In addition to Hod Carrier Brick Mason Tender rates add the applicable amounts per hour, calculated based on road miles from the Washoe County Courthouse:

- Zone 1- 35 to 75 miles \$1.25
- Zone 2- 76 miles and over \$7.50

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

- 1. For all hours worked over eight (8) hours in one day or shift.
- 2. For any hours worked on Saturday from midnight to midnight.

Double the regular straight time hourly rate shall be paid for all time:

- 1. For all hours worked over twelve (12) hours in one day or shift.
- 2. For any hours worked on Sunday from midnight to midnight.
- 3. For any hours worked on holidays from midnight to midnight.

HOD CARRIER-PLASTERER TENDER

Union

Plasterer Tender-Journeyman

42.77

Plasterer Tender-Gun Tender

43.77

Plasterer Tender-Foreman

44.13

See HOD CARRIER-PLASTERER JOB DESCRIPTION

ADD ZONE RATE

In addition to Hod Carrier Plasterer rates add the applicable amounts per hour, calculated based on road miles from So. Virginia St., Reno, Nevada:

- Zone 1 1-70 miles \$0.00
- Zone 2 70 miles and over \$8.00

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

- 1. For all hours worked over eight (8) hours in one day or shift.
- 2. For any hours worked on Saturday from midnight to midnight.

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over twelve (12) hours in one day or shift.
2. For any hours worked on Sunday from midnight to midnight.
3. For any hours worked on holidays from midnight to midnight.

| | |
|----------------------------|-------|
| IRON WORKER | Union |
| Ironworker-Journeyman | 74.49 |
| Ironworker-Foreman | 78.59 |
| Ironworker-General Foreman | 83.10 |

See IRON WORKER JOB DESCRIPTION

ADD ZONE RATE

In addition to Iron Worker rates add the applicable amounts per day, calculated based on a road mile from the Reno City Hall.

| | |
|----------------------------|--------|
| Zone 1- 60 - 75 Miles | \$3.13 |
| Zone 2- 75 - 100 Miles | \$6.26 |
| Zone 3- 100 miles and over | \$7.50 |

SEE AMENDMENT 1 FOR TRAVEL REIMBURSEMENT

Travel Reimbursement First Day In/ Last Day Out

| | |
|----------------------------|---------|
| Zone 1 - 60 - 75 Miles | \$25.00 |
| Zone 2- 75 - 100 Miles | \$50.00 |
| Zone 3- 100 miles and over | \$60.00 |

Each additional 50 miles \$25.00

ADD PREMIUM PAY

One and one half (1X) the regular straight time hourly rate shall be paid:

1. For the first two (2) hours worked in excess of eight (8) on a regular workday Monday-Friday
2. For the first eight (8) hours on Saturday

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over ten (10) hours in one day or shift.
2. For any hours worked on Sunday.
3. For all hours worked over eight (8) on Saturday
4. For all hours worked on Holidays

Shift Pay

1. 2nd shift add 6% of hourly wage
2. 3rd shift add 13% of hourly wage
3. Dedicated shift add 6% of hourly wage

| | |
|----------------------------------|-------|
| LABORER | Union |
| <u>SEE GROUP CLASSIFICATIONS</u> | |
| Landscaper | 36.77 |
| Furniture Mover | 38.27 |
| Group 1 | 41.93 |
| Group 1A | 39.06 |
| Group 2 | 42.03 |

| | |
|---------------------|-------|
| Group 3 | 42.18 |
| Group 4 | 42.43 |
| Group 4A | 44.93 |
| Group 5 | 42.73 |
| Group 6 | |
| Nozzlemen, Rodmen | 41.73 |
| Gunmen, Materialmen | 42.13 |
| Reboundmen | 41.78 |
| Gunite Foremen | 42.83 |

See LABORER JOB DESCRIPTION

ADD ZONE RATE

LABORER (Highway and Dam Construction only)

In addition to LABORER rates add the applicable amounts per hour, calculated based on a road miles from either the Carson City Courthouse or the Washoe County Courthouse:

| | | |
|---------|--------------------|--------|
| Zone 1- | 0 to 75 miles | \$0.00 |
| Zone 2- | 75 to 150 miles | \$4.00 |
| Zone 3- | 150 to 300 miles | \$5.00 |
| Zone 4- | 300 miles and over | \$6.00 |

LABORER (Building Construction)

In addition to LABORER rates add the applicable amounts per hour, calculated based on road miles from either the Carson City Courthouse or the Washoe County Courthouse:

| | | |
|---------|--------------------|--------|
| Zone 1- | 0 to 75 miles | \$0.00 |
| Zone 2- | 75 to 150 miles | \$4.00 |
| Zone 3- | 150 to 300 miles | \$5.00 |
| Zone 4- | 300 miles and over | \$6.00 |

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

1. For all hours worked over eight (8) hours in one day or shift.
2. For any hours worked on Saturday from midn ight to midnight.

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over twelve (12) hours in one day or shift.
2. For any hours worked on Sunday from midnight to midnight.
3. For any hours worked on holidays from midnight to midnight.

| | |
|--|-------|
| LUBRICATION AND SERVICE ENGINEER (MOBILE AND GREASE RACK) | Union |
| Lubrication and Service Engineer (mobile and grease rack) | 62.81 |

ADD ZONE RATE

In addition to: **LUBRICATION AND SERVICE ENGINEER (MOBILE AND GREASE RACK)** rates add the applicable amounts per hour calculated based on a road miles from the Carson City Courthouse or Washoe County Courthouse.

| | | |
|---------|--------------------|--------|
| Zone 1- | 0 to 75 miles | \$0.00 |
| Zone 2- | 75 to 150 miles | \$4.00 |
| Zone 3- | 150 to 300 miles | \$5.00 |
| Zone 4- | 301 miles and over | \$6.00 |

ADD PREMIUM PAY

1. One and one-half (1-1/2) times the applicable straight-time rate for the day, shift, work, equipment and classification shall be paid for all work (including repair work and field survey work) performed on Saturday and before a shift begins and after it ends, except when operating equipment servicing a craft that is receiving double time on commercial building construction, in which case double time shall be paid.

2. Overtime. The following rates shall apply on Sundays and holidays and all work before a shift begins and after it ends:

Holidays. Double the applicable straight-time rate shall be paid for all work (including repair, maintenance and field survey work) performed on Sundays and the following holidays: New Year's Day (January 1); Memorial Day (last Monday in May); Independence Day (July 4); Labor Day (1st Monday in September); Nevada Admission Day (last Friday in October); Thanksgiving Day (4th Thursday in November); the day after Thanksgiving Day; and Christmas Day (December 25). Holidays falling on Sunday shall be observed on the following Monday. Holiday hours shall be reckoned on the same basis as Sunday hours.

Saturday Shift Period. On any shift, Saturday shall be the twenty-four-hour period commencing at 12:00 midnight Friday.

Sunday Shift Period. On any shift, Sunday shall be the twenty-four-hour period commencing at 12:00 midnight Saturday.

3. For hours worked in excess of (12) on any such workday, an Employee shall be paid two (2) times the regular straight-time rate of pay for each hour so worked.

| | |
|--------------------------------------|-------|
| MECHANICAL INSULATOR | Union |
| Mechanical Insulator-Mechanic | 67.85 |
| Mechanical Insulator-Foreman | 71.85 |
| Mechanical Insulator-General Foreman | 73.85 |

MECHANICAL INSULATOR, includes but is not limited to:

1. Covering and lining structures with cork, canvas, tar paper, magnesia and related materials;
2. Installing blown-on insulation on pipe and machinery;
3. Lining of mechanical room surfaces and air handling shafts;
4. Filling and damming of fire stops and penetrations including, but not limited to, electrical and mechanical systems;
5. Foam applications for the purpose of thermal, acoustical, or fire protective purposes, including RTV foams or equivalents, applied to mechanical or electrical systems;
6. Duct lining and duct wrapping, direct application and installation of fire protection of grease ducts, exhaust systems, or any other ductwork for acoustical or thermal purposes;
7. Insulation of field joints on pre-insulated underground piping and the pouring of Gilsilite or its equivalent;
8. The application of material, including metal and PVC jacketing, on piping, fittings, valves, flanges,

boilers, ducts, plenums, flues, tanks, vats, equipment and any other hot or cold surface for the purpose of thermal control;

ADD ZONE RATE

In addition to MECHANICAL INSULATOR rates add the applicable amounts per hour, calculated based on a radius figured from Reno City Hall:

| | | |
|---------|-------------|---------|
| Zone 1- | 0-20 miles | \$1.25 |
| Zone 2- | 21-40 miles | \$2.50 |
| Over | 40 miles | \$10.63 |

ADD PREMIUM PAY

Premium pay for hours worked in excess of a shift of 8 hours or 12 hours or such other time increment set forth in the Collective Bargaining Agreement or on a weekend or holiday.

| | |
|----------------------------|-------|
| MILLWRIGHT | Union |
| Millwright–Journeyman | 66.36 |
| Millwright–Welder | 67.36 |
| Millwright-Foreman | 70.23 |
| Millwright-General Foreman | 74.49 |

See MILLWRIGHT JOB DESCRIPTION

ADD ZONE RATE

In addition to MILLWRIGHT rates, add the applicable amounts per hour, calculated on road miles from the Washoe County Courthouse:

| | | |
|---------|----------------|--------|
| Zone 1- | 1 to 15 miles | \$0.00 |
| Zone 2- | 15 to 35 miles | \$2.50 |
| Zone 3- | over 35 miles | \$4.25 |

ADD PREMIUM PAY

First two (2) hours outside the regular constituted shift shall be at the rate of time and one-half (1½X).

Saturdays up to the first ten (10) hours shall be at the rate of time and one-half (1½X). All additional hours and Sundays and holidays shall be the rate of double time (2X). When working on Sundays and holidays, there will be one dollar and fifty cents (\$1.50) per hour additional paid to Pension Annuity.

| | |
|----------------------------------|-------|
| OPERATING ENGINEER | Union |
| <u>SEE GROUP CLASSIFICATIONS</u> | |
| Group 1 | 57.79 |
| Group 1A | 60.55 |
| Group 2 | 61.08 |
| Group 3 | 61.35 |
| Group 4 | 62.09 |
| Group 5 | 62.39 |
| Group 6 | 62.56 |
| Group 7 | 62.81 |
| Group 8 | 63.40 |

| | |
|--|-------|
| Group 9 | 63.72 |
| Group 10 | 64.07 |
| Group 10A | 64.26 |
| Group 11 | 64.50 |
| Group 11A | 66.14 |
| Group 11B | 66.95 |
| Foreman | 66.14 |
| Add 12.5% to base rate for "Special" shift | |

OPERATING ENGINEER, includes but is not limited to:

Operate one or several types of power construction equipment, such as motor graders, bulldozers, scrapers, compressors, pumps, derricks, shovels, tractors, or front-end loaders to excavate, move, and grade earth, erect structures, or pour concrete or other hard surface pavement.

ADD ZONE RATE

In addition to: **OPERATING ENGINEER** rates add the applicable amounts per hour calculated based on a road miles from the Carson City Courthouse or Washoe County Courthouse

| | | |
|---------|--------------------|--------|
| Zone 1- | 0 to 75 miles | \$0.00 |
| Zone 2- | 75 to 150 miles | \$4.00 |
| Zone 3- | 150 to 300 miles | \$5.00 |
| Zone 4- | 301 miles and over | \$6.00 |

ADD PREMIUM PAY

1. One and one-half (1-1/2) times the applicable straight-time rate for the day, shift, work, equipment and classification shall be paid for all work (including repair work and field survey work) performed on Saturday and before a shift begins and after it ends, except when operating equipment servicing a craft that is receiving double time on commercial building construction, in which case double time shall be paid.

2. Overtime. The following rates shall apply on Sundays and holidays and all work before a shift begins and after it ends:

Holidays. Double the applicable straight-time rate shall be paid for all work (including repair, maintenance and field survey work) performed on Sundays and the following holidays: New Year's Day (January 1); Memorial Day (last Monday in May); Independence Day (July 4); Labor Day (1st Monday in September); Nevada Admission Day (last Friday in October); Thanksgiving Day (4th Thursday in November); the day after Thanksgiving Day; and Christmas Day (December 25). Holidays falling on Sunday shall be observed on the following Monday. Holiday hours shall be reckoned on the same basis as Sunday hours.

Saturday Shift Period. On any shift, Saturday shall be the twenty-four-hour period commencing at 12:00 midnight Friday.

Sunday Shift Period. On any shift, Sunday shall be the twenty-four-hour period commencing at 12:00 midnight Saturday.

3. For hours worked in excess of 12) on any such work day, an Employee shall be paid two (2) times the regular straight-time rate of pay for each hour so worked.

| OPERATING ENGINEER-STEEL FABRICATOR & ERECTOR | Union |
|--|-------|
| <u>SEE GROUP CLASSIFICATIONS</u> | |
| Group 1 | 73.09 |
| Group 1 Truck Crane Oiler | 66.92 |
| Group 1 Oiler | 64.96 |
| Group 2 | 71.58 |
| Group 2 Truck Crane Oiler | 66.67 |
| Group 2 Oiler | 64.75 |
| Group 3 | 70.34 |
| Group 3 Truck Crane Oiler | 66.45 |
| Group 3 Oiler | 64.53 |
| Group 3 Hydraulic | 66.12 |
| Group 4 | 68.61 |
| Group 5 | 67.51 |
| Add 12.5% to base rate for "Special" Shift | |

OPERATING ENGINEER, included but is not limited to:

Operate one or several types of power construction equipment, such as motor graders, bulldozers, scrapers, compressors, pumps, derricks, shovels, tractors, or front-end loaders to excavate, move, and grade earth, erect structures, or pour concrete or other hard surface pavement.

ADD ZONE RATE

In addition to: **OPERATING ENGINEER-STEEL FABRICATOR & ERECTOR** rates add the applicable amounts per hour calculated based on a road miles from the Carson City Courthouse or Washoe County Courthouse

| | | |
|---------|--------------------|--------|
| Zone 1- | 0 to 75 miles | \$0.00 |
| Zone 2- | 75 to 150 miles | \$4.00 |
| Zone 3- | 150 to 300 miles | \$5.00 |
| Zone 4- | 301 miles and over | \$6.00 |

ADD PREMIUM PAY

1. One and one-half (1-1/2) times the applicable straight-time rate for the day, shift, work, equipment and classification shall be paid for all work (including repair work and field survey work) performed on Saturday and before a shift begins and after it ends, except when operating equipment servicing a craft that is receiving double time on commercial building construction, in which case double time shall be paid.

2. Overtime. The following rates shall apply on Sundays and holidays and all work before a shift begins and after it ends:

Holidays. Double the applicable straight-time rate shall be paid for all work (including repair, maintenance and field survey work) performed on Sundays and the following holidays: New Year's Day (January 1); Memorial Day (last Monday in May); Independence Day (July 4); Labor Day (1st Monday in September); Nevada Admission Day (last Friday in October); Thanksgiving Day (4th Thursday in November); the day after Thanksgiving Day; and Christmas Day (December 25). Holidays falling on Sunday shall be observed on the following Monday. Holiday hours shall be reckoned on the same basis

as Sunday hours.

Saturday Shift Period. On any shift, Saturday shall be the twenty-four-hour period commencing at 12:00 midnight Friday.

Sunday Shift Period. On any shift, Sunday shall be the twenty-four-hour period commencing at 12:00 midnight Saturday.

3. For hours worked in excess of 12) on any such work day, an Employee shall be paid two (2) times the regular straight-time rate of pay for each hour so worked

| OPERATING ENGINEER -PILED RIVER | Union |
|--|-------|
| <u>GROUP CLASSIFICATIONS</u> | |
| Group 1 | 72.56 |
| Group 1 Truck Crane Oiler | 67.10 |
| Group 1 Oiler | 65.18 |
| Group 2 | 71.02 |
| Group 2 Truck Crane Oiler | 66.89 |
| Group 2 Oiler | 64.98 |
| Group 3 | 69.57 |
| Group 3 Truck Crane Oiler | 66.67 |
| Group 3 Oiler | 64.75 |
| Group 4 | 68.06 |
| Group 5 | 66.95 |
| Group 6 | 65.84 |
| Group 7 | 64.88 |
| Group 8 | 63.92 |
| Add 12.5% to base for "Special" Shift | |

OPERATING ENGINEER, includes but is not limited to:

Operate one or several types of power construction equipment, such as motor graders, bulldozers, scrapers, compressors, pumps, derricks, shovels, tractors, or front-end loaders to excavate, move, and grade earth, erect structures, or pour concrete or other hard surface pavement.

ADD ZONE RATE

In addition to: **OPERATING ENGINEER PILED RIVER** rates add the applicable amounts per hour calculated based on a road miles from the Carson City Courthouse or Washoe County Courthouse:

| | | |
|---------|--------------------|--------|
| Zone 1- | 0 to 75 miles | \$0.00 |
| Zone 2- | 75 to 150 miles | \$4.00 |
| Zone 3- | 150 to 300 miles | \$5.00 |
| Zone 4- | 301 miles and over | \$6.00 |

ADD PREMIUM PAY

1. One and one-half (1-1/2) times the applicable straight-time rate for the day, shift, work, equipment and classification shall be paid for all work (including repair work and field survey work) performed on Saturday and before a shift begins and after it ends, except when operating equipment servicing a craft that is receiving double time on commercial building construction, in which case double time shall be paid.

2. Overtime. The following rates shall apply on Sundays and holidays and all work before a shift begins and after it ends:

Holidays. Double the applicable straight-time rate shall be paid for all work (including repair, maintenance and field survey work) performed on Sundays and the following holidays: New Year's Day (January 1); Memorial Day (last Monday in May); Independence Day (July 4); Labor Day (1st Monday in September); Nevada Admission Day (last Friday in October); Thanksgiving Day (4th Thursday in November); the day after Thanksgiving Day; and Christmas Day (December 25). Holidays falling on Sunday shall be observed on the following Monday. Holiday hours shall be reckoned on the same basis as Sunday hours.

Saturday Shift Period. On any shift, Saturday shall be the twenty-four-hour period commencing at 12:00 midnight Friday.

Sunday Shift Period. On any shift, Sunday shall be the twenty-four-hour period commencing at 12:00 midnight Saturday.

3. For hours worked in excess of 12) on any such workday, an Employee shall be paid two (2) times the regular straight-time rate of pay for each hour so worked.

| PAINTER | Union |
|---|---------------------------------|
| Brush/Roller Painter | 43.14 |
| Spray Painter/Paperhanger | 44.63 |
| Sandblaster | 44.68 |
| Structural Steel & Steeplejack | 44.68 |
| Swing Stage | 45.14 |
| Special Coating Application-Brush | 45.19 |
| Special Coating Application-Spray | 45.19 |
| Special Coating Application-Spray Steel | 45.19 |
| Foreman | \$1.00 above highest Journeyman |

See PAINTER JOB DESCRIPTION

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

1. For all hours worked over eight (8) hours in one day or shift unless the Union is notified when four (4) tens (10's) are instituted.
2. For any hours worked on Saturday from midnight to midnight
3. For any work performed in excess of the regular work week of forty (40) hours.

Double the regular straight time hourly rate shall be paid for all time:

1. For any hours worked on Sunday from midnight to midnight
2. For any hours worked on holidays from midnight to midnight

| PILEDRIIVER | Union |
|----------------------------|-------|
| Piledriver-Journeyman | 51.76 |
| Piledriver-Welder | 52.76 |
| Piledriver-Foreman | 55.11 |
| Piledriver-General Foreman | 58.80 |

| | | | | | | | | | | | | | |
|--|----------------|---|---------------|---|---------|--------------|--------|---------|---------------|--------|--------|----------------|--------|
| Tender | 55.11 | | | | | | | | | | | | |
| Stand-By Diver | 56.11 | | | | | | | | | | | | |
| Diver-Diving (Wet Pay) | 93.96 | | | | | | | | | | | | |
| <p>PILED RIVER, includes but is not limited to:</p> <ol style="list-style-type: none"> 1. Operating pile drivers mounted on skids, barge, crawler, treads or locomotive crane to drive piling as foundations for structures including, without limitation, buildings, bridges and piers; 2. Barking, shoeing, splicing, form building, heading, centering, placing, driving, staying, framing, fastening, automatic pile threading, pulling and/or cutting off of piling; 3. Fabricating, forming, handling and setting of all such pre-cast, pre-stressed and post-stressed shapes that are an integral part of docks, piers, wharves, bulkheads, jetties, and similar structures; <p>ADD ZONE RATE In addition to PILED RIVER rates add the applicable amounts per hour, calculated from the Washoe County Courthouse:</p> <table> <tr> <td>Zone 1-</td> <td>0 to 75 miles</td> <td>\$0.00 (Road miles from the Washoe County Courthouse)</td> </tr> <tr> <td>Zone 2-</td> <td>75-150 miles</td> <td>\$4.00</td> </tr> <tr> <td>Zone 3-</td> <td>150-300 miles</td> <td>\$5.00</td> </tr> <tr> <td>Zone 4</td> <td>over 300 miles</td> <td>\$6.00</td> </tr> </table> <p>ADD PREMIUM PAY:</p> <p>First two (2) hours outside the regular constituted shift shall be at the rate of time and one-half (1½X).</p> <p>Saturdays up to the first ten (10) hours shall be at the rate of time and one-half (1½X). All additional hours and Sundays and holidays shall be the rate of double time (2X). When working on Sundays and holidays, there will be one dollar and fifty cents (\$1.50) per hour additional paid to Pension Annuity.</p> | | Zone 1- | 0 to 75 miles | \$0.00 (Road miles from the Washoe County Courthouse) | Zone 2- | 75-150 miles | \$4.00 | Zone 3- | 150-300 miles | \$5.00 | Zone 4 | over 300 miles | \$6.00 |
| Zone 1- | 0 to 75 miles | \$0.00 (Road miles from the Washoe County Courthouse) | | | | | | | | | | | |
| Zone 2- | 75-150 miles | \$4.00 | | | | | | | | | | | |
| Zone 3- | 150-300 miles | \$5.00 | | | | | | | | | | | |
| Zone 4 | over 300 miles | \$6.00 | | | | | | | | | | | |
| PLASTERER | Union | | | | | | | | | | | | |
| Plasterer - Journeyman | 46.82 | | | | | | | | | | | | |
| Plasterer - Foreman | 49.97 | | | | | | | | | | | | |
| <p>See PLASTERER JOB DESCRIPTION</p> <p>ADD ZONE RATES In addition to PLASTERER rates add the applicable amounts per hour, calculated from the South Virginia and Mill Street, Reno, Nevada:</p> <table> <tr> <td>Zone 1-0-70 miles</td> <td>\$0.00</td> </tr> <tr> <td>Zone 2-70 miles and over</td> <td>\$8.00</td> </tr> </table> <p>ADD PREMIUM PAY</p> <p>OVERTIME – Any worked performed over eight (8) hours per day shall be compensated at time and one half the hourly rate. All Sunday and Holiday work shall be paid for at double time.</p> <p>NOZZLE MAN – Nozzle man shall receive an additional \$1.50 per hour. FIRST ROD MAN – First Rod Man shall receive an additional \$1.50 per hour.</p> | | Zone 1-0-70 miles | \$0.00 | Zone 2-70 miles and over | \$8.00 | | | | | | | | |
| Zone 1-0-70 miles | \$0.00 | | | | | | | | | | | | |
| Zone 2-70 miles and over | \$8.00 | | | | | | | | | | | | |
| PLUMBER/PIPEFITTER | Union | | | | | | | | | | | | |
| Plumber/Pipefitter-Journeyman | 61.15 | | | | | | | | | | | | |

| | |
|--|-----------|
| Plumber/Pipefitter-Foreman | 65.10 |
| Plumber/Pipefitter-General Foreman | 69.39 |
| <p>See PLUMBER/PIPEFITTER JOB DESCRIPTION</p> <p>ADD ZONE RATE In addition to: PLUMBER/PIPEFITTER rates add the applicable amounts per statute air mile radius from the Nevada freeway interchange of Interstate 80 and 580.</p> <p>Zone 1- 0 to 75 miles \$0.00 Zone 2- over 75 miles \$8.00</p> <p>A separate free zone will be established for employees permanently residing and working within a seventy-five (75) statute air mile radius of the Elko, Nevada Post Office.</p> <p>Zone 1- 0 to 75 miles \$0.00 Zone 2- over 75 miles \$8.00</p> <p>ADD PREMIUM PAY Premium pay for hours worked in excess of a shift of 8 hours or 12 hours or such other time increment set forth in the Collective Bargaining Agreement or on a weekend or holiday.</p> | |
| REFRIGERATION | Union |
| Refrigeration | 55.34 |
| <p>See REFRIGERATION JOB DESCRIPTION</p> <p>ADD PREMIUM PAY Premium pay for hours worked in excess of a shift of 8 hours or 12 hours or such other time increment set forth in the Collective Bargaining Agreement or on a weekend or holiday.</p> | |
| ROOFER (Does not include sheet metal roofs) | Non-Union |
| Roofer | 32.63 |
| <p>ROOFER</p> <p>Includes but is not limited to:</p> <ol style="list-style-type: none"> 1. Installing and covering roofs and structures with slate, asphalt, wood and other related materials, other than sheet metal, by using brushes, knives, punches, hammers and other tools; 2. Spraying roofs, sidings and walls with material to bind, seal, insulate or soundproof sections of a structure; 3. Installation of all plastic, slate, slag, gravel, asphalt and composition roofing, and rock asphalt mastic when used for damp and waterproofing; 4. Installation of all damp resisting preparations when applied on roofs with mop, three-knot brush, roller, swab or spray system; 5. All types of preformed panels used in waterproofing; 6. Handling, hoisting and storing of all roofing, damp and waterproofing materials; 7. The tear-off and/or removal of roofing and roofing materials; | |
| SHEET METAL WORKER | |

| | |
|---|-----------|
| | Union |
| Sheet Metal Worker-Journeyman | 66.45 |
| Sheet Metal Worker-Foreman | 70.28 |
| Sheet Metal Worker-General Foreman | 74.10 |
| <p>See SHEET METAL WORKER JOB DESCRIPTION</p> <p>ADD ZONE RATE In addition to SHEET METAL rates add the applicable amounts per hour, calculated based on a road from the courthouse in Reno, Nevada:</p> <p>Zone 1- 1 to 75 miles \$0.00 (including the City of Fallon and the Fallon Naval Air Base) Zone 2- 75 to 100 miles \$5.00 Zone 3- over 100 miles \$10.00 the employee shall be provided reasonable lodging and meal expenses.</p> <p>ADD PREMIUM PAY All hourly rates are subject to Over Time (One and one half 1 ½) of the Regular rate:</p> <ol style="list-style-type: none"> For all hours worked over Eight (8) Hours in one day or shift. For the first Eight (8) Hours work on Saturday. <p>All hourly rates are subject to Double Time of the Regular Rate:</p> <ol style="list-style-type: none"> For all hours worked over Ten (10) Hours in one day or shift. For all hours worked over Eight (8) Hours on Saturday. For all hours worked on Sunday, New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Nevada Day, Thanksgiving Day, Day after Thanksgiving, Day before Christmas, and Christmas Day. | |
| SOIL TESTER (CERTIFIED) | Non-Union |
| Soil Tester (Certified) | 41.59 |
| SOILS AND MATERIALS TESTER | Non-Union |
| Soils and Materials Tester | 41.59 |
| SPRINKLER FITTER | Non-Union |
| Sprinkler Fitter -Journeyman | 26.27 |
| <p>SPRINKLER FITTER Includes but is not limited to: Installing, dismantling, maintaining, repairing, adjusting and correcting all fire protection and fire control systems, including the installation of piping or tubing, appurtenances and equipment pertaining thereto, including both overhead and underground water mains, fire hydrants, and hydrant mains, standpipes and hose connection to sprinkler systems, sprinkler tank heaters, air lines and thermal systems used in connection with sprinkler and alarm systems.</p> | |
| SURVEYOR | Non-Union |
| Surveyor | 37.64 |

SURVEYOR, includes but is not limited to:

1. Planning ground surveys designed to establish base lines, elevation and other geodetic measurements;
2. Compiling data relevant to the shape, contour, gravitation, location, elevation and dimension of land and land features on or near the surface of the Earth for engineering, map making, mining, land evaluation, construction and other purposes;
3. Surveying bodies of water to determine navigable channels and to secure data for construction of breakwaters, piers and other marine structures;
4. Computing data necessary for driving and connecting underground passages, underground storage and volume of underground deposits.

| | |
|-----------------------------|-------|
| TAPER | Union |
| Taper | 46.99 |
| Taper-Foreman (Up to 7) | 50.67 |
| Taper-Foreman (More than 8) | 51.67 |

See TAPER JOB DESCRIPTION

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

1. For all hours worked over eight (8) hours in one day or shift unless the Union is notified when four (4) tens (10's) are instituted.
2. For any hours worked on Saturday from midnight to midnight

Double the regular straight time hourly rate shall be paid for all time:

1. For any hours worked on Sunday from midnight to midnight
2. For any hours worked on holidays from midnight to midnight

| | |
|--|-------|
| TILE SETTER/TERRAZZO WORKER/MARBLE MASON-FINISHER | Union |
| Tile, Terrazzo and Marble Finisher –Journeyman | 29.32 |
| Tile, Terrazzo and Marble Finisher –Foreman | 30.57 |
| Tile, Terrazzo and Marble Finisher –General Foreman | 32.32 |

See TILE SETTER/TERRAZZO WORKER/MARBLE MASON-FINISHER JOB DESCRIPTION

ADD PREMIUM PAY

Premium pay for hours worked in excess of a shift of 8 hours or 12 hours or such other time increment set forth in the Collective Bargaining Agreement or on a weekend or holiday.

| | |
|---|-------|
| TILE SETTER/TERRAZZO WORKER/MARBLE MASON | Union |
| Tile Setter-Journeyman | 39.12 |
| Tile Setter-Foreman | 40.37 |
| Tile Setter-General Foreman | 42.12 |

| | | | | | | | | | | | | | | |
|---|--------------------|-----------|---------|---------------|--------|---------|-----------------|--------|---------|------------------|--------|---------|--------------------|--------|
| Terrazzo/Marble Mason-Journeyman | | 40.62 | | | | | | | | | | | | |
| Terrazzo/Marble Mason-Foreman | | 41.87 | | | | | | | | | | | | |
| Terrazzo/Marble Mason-General Foreman | | 43.62 | | | | | | | | | | | | |
| <p>See TILE/TERRAZZO WORKER/MARBLE MASON JOB DESCRIPTION</p> <p>ADD ZONE RATE In addition to TILE SETTER/TERRAZZO WORKER/MARBLE MASON rates add the applicable amounts per hour, calculated based on a road miles of over fifty (50) miles from the Washoe County Courthouse in Reno, Nevada:</p> <table> <tr> <td>Zone 1-</td> <td>0-50 Miles</td> <td>\$0.00</td> </tr> <tr> <td>Zone 2-</td> <td>50-75 Miles</td> <td>\$3.75</td> </tr> <tr> <td>Zone 3-</td> <td>Over 75 Miles</td> <td>\$8.13</td> </tr> </table> <p>ADD PREMIUM PAY Premium pay for hours worked in excess of a shift of 8 hours or 12 hours or such other time increment set forth in the Collective Bargaining Agreement or on a weekend or holiday.</p> | | | Zone 1- | 0-50 Miles | \$0.00 | Zone 2- | 50-75 Miles | \$3.75 | Zone 3- | Over 75 Miles | \$8.13 | | | |
| Zone 1- | 0-50 Miles | \$0.00 | | | | | | | | | | | | |
| Zone 2- | 50-75 Miles | \$3.75 | | | | | | | | | | | | |
| Zone 3- | Over 75 Miles | \$8.13 | | | | | | | | | | | | |
| TRAFFIC BARRIER ERECTOR | | Union | | | | | | | | | | | | |
| Traffic Barrier Erector | | 41.93 | | | | | | | | | | | | |
| <p>TRAFFIC BARRIER ERECTOR, includes but is not limited to: Erects or places instruments to provide directional assistance to traffic on or near the public works construction project.</p> <p>ADD LABORER ZONE RATE (Highway and Dam Construction only) In addition to LABORER rates add the applicable amounts per hour, calculated based on a road miles from either the Carson City Courthouse or the Washoe County Courthouse:</p> <table> <tr> <td>Zone 1-</td> <td>0 to 75 miles</td> <td>\$0.00</td> </tr> <tr> <td>Zone 2-</td> <td>75 to 150 miles</td> <td>\$4.00</td> </tr> <tr> <td>Zone 3-</td> <td>150 to 300 miles</td> <td>\$5.00</td> </tr> <tr> <td>Zone 4-</td> <td>300 miles and over</td> <td>\$6.00</td> </tr> </table> <p>ADD PREMIUM PAY One and one half (1 ½) the regular straight time hourly rate shall be paid:</p> <ol style="list-style-type: none"> 1. For all hours worked over eight (8) hours in one day or shift. 2. For any hours worked on Saturday from midn ight to midnight. <p>Double the regular straight time hourly rate shall be paid for all time:</p> <ol style="list-style-type: none"> 1. For all hours worked over twelve (12) hours in one day or shift. 2. For any hours worked on Sunday from midnight to midnight. 3. For any hours worked on holidays from midnight to midnight. | | | Zone 1- | 0 to 75 miles | \$0.00 | Zone 2- | 75 to 150 miles | \$4.00 | Zone 3- | 150 to 300 miles | \$5.00 | Zone 4- | 300 miles and over | \$6.00 |
| Zone 1- | 0 to 75 miles | \$0.00 | | | | | | | | | | | | |
| Zone 2- | 75 to 150 miles | \$4.00 | | | | | | | | | | | | |
| Zone 3- | 150 to 300 miles | \$5.00 | | | | | | | | | | | | |
| Zone 4- | 300 miles and over | \$6.00 | | | | | | | | | | | | |
| TRUCK DRIVER | | Non-Union | | | | | | | | | | | | |
| <p><u>Dump Trucks (Single or Multiple Units Including Semi's & Double Transfer Units), Dumpcretes and Bulk Cement Spreader</u></p> | | | | | | | | | | | | | | |
| Under 4 yds. (water level) | | 26.90 | | | | | | | | | | | | |

| | |
|--|-------|
| 4 yds. & under 8 yds. (water level) | 26.90 |
| 8 yds. & under 18 yds. (water level) | 26.90 |
| 18 yds. & under 25 yds. (water level) | 26.90 |
| 25 yds. & under 60 yds. (water level) | 26.90 |
| 60 yds. & under 75 yds. (water level) | 26.90 |
| 75 yds. & under 100 yds. (water level) | 26.90 |
| 100 yds. & under 150 yds.(water level) | 26.90 |
| 150 yds. & under 250 yds. (water level) | 26.90 |
| 250 yds. & under 350 yds. (water level) | 26.90 |
| 350 yds. & over (water level) | 26.90 |
| Transit Mix | |
| Under 8 yds. | 26.90 |
| 8 yds. & including 12 yds. | 26.90 |
| Over 12 yds. | 26.90 |
| Transit Mix (Using Boom) | |
| Transit mix with boom shall receive 16 cents per hour above the appropriate yardage classification rate of pay when such boom is used | 26.90 |
| Water & Jetting Trucks | |
| Up to 2,500 gallons | 26.90 |
| 2,500 gallons & over | 26.90 |
| DW 20's & 21's & other similar Cat type, Terry Cobra LeTourneau pulls, Tournerocker, Euclid, & similar type equipment when pulling Aqua/Pak, Water Tank Trailers, & Fuel, and/or Grease Tank Trailer, or other miscellaneous Trailers, (except as defined under "Dump Trucks") | 26.90 |
| Heavy Duty Transport (High Bed) | 26.90 |
| Heavy Duty Transport(Gooseneck low bed) | 26.90 |
| Tiltbed or Flatbed Pull Trailers | 26.90 |
| Bootman, Comb. Bootman & Road Oiler | 26.90 |
| Flat Rack (2 or 3 axle unit) | 26.90 |
| Bus & Manhaul Drivers | |
| Up to 18,000 lbs. (single unit) | 26.90 |
| 18,000 lbs. & over (single unit) | 26.90 |
| Helicopter Pilot (transporting men/materials) | 26.90 |
| Lift Jitneys | 26.90 |
| Winch Truck & "A" Frame Drivers | |
| Up to 18,000 lbs. | 26.90 |
| 18,000 lbs. and over | 26.90 |
| Warehousemen Spotter | 26.90 |
| Warehouse Clerk | 26.90 |
| Tire Repairmen | 26.90 |
| Truck Repairmen | 26.90 |

| | |
|--|-----------|
| Pick Up Truck & Pilot Cars (Jobsite) | 26.90 |
| Pick Up Truck & Pilot Cars (Over the road) | 26.90 |
| Truck Oil Greaser | 26.90 |
| Fuel Truck Driver | 26.90 |
| Fuel Man & Fuel Island Man | 26.90 |
| Oil Tanker | 26.90 |
| Oil Tanker with Pup | 26.90 |
| Foreman | 26.90 |
| TRUCK DRIVER | |
| Includes but is not limited to: Driving a tractor trailer combination or a truck to transport goods or materials at the site of a public work or between sites of a public work. (Also, see descriptions listed with Truck Driver rates, if any.) | |
| WELL DRILLER | Non-Union |
| Well Driller | 30.35 |
| WELL DRILLER , includes but is not limited to: | |
| <ol style="list-style-type: none"> 1. Setting, operating or tending to portable drilling rig machinery and related equipment to drill wells; 2. Extending stabilizing jackscrews to support and level a drilling rig; 3. Installing water well pumps; 4. Drillings wells for industrial water supplies, irrigation water supplies or water supplies for any other purpose; dewatering or other similar purposes; exploration; hole drilling for geologic and hydrologic information; and core drilling for geologic information. | |

GROUP CLASSIFICATIONS

LABORER, includes but is not limited to:

Group 1

- All cleanup work of debris, grounds, and building including windows and tile
- Dumpmen or Spotter (other than asphalt)
- Handling and Servicing of Flares, Watchmen
- General Laborer
- Guideposts and Highway Signs
- Guardrail Erection and Dismantling
- Limber, Brushloader and Piler
- Pavement Marking and Highway Striping
- Traffic Control Supervisor

Group 2

- Choker setter or Rigger (clearing work only) Pittsburgh

- Chipper and similar type brush shredders
- Concrete worker (wet or dry) all concrete work not listed in Group 3
- Crusher or Grizzly Tender
- Greasing Dowels
- Guinea Chaser (Stakemen)
- Panel Forms (wood or metal) handling, cleaning and stripping of Loading and unloading, (Carrying and handling of all rods and material for use in reinforcing concrete
- Railroad Trackmen (maintenance, repair or builders)
- Sloper
- Semi-Skilled Wrecker (salvaging of building materials other than those listed in Group 3)

Group 3

- Asphalt Workers (Ironers, Shovelers, Cutting Machine)
- Buggymobile
- Chainsaw, Faller, Logloader and Bucker
- Compactor (all types)
- Concrete Mixer under 1/2 yard
- Concrete Pan Work (Breadpan type), handling, cleaning\stripping
- Concrete Saw, Chipping, Grinding, Sanding, Vibrator
- Cribbing, Shoring, Lagging, Trench Jacking, Hand-Guided Lagging Hammer
- Curbing or Divider machine
- Curb Setter (precast or cut)
- Ditching Machine (hand-guided)
- Drillers Helper, Chuck Tender
- Form Raiser, Slip Forms
- Grouting of Concrete Walls, Windows and Door Jams
- Headerboardmen
- Jackhammer, Pavement Breaker, Air Spade
- Mastic Worker (wet or dry)
- Pipewrapper, Kettlemen, Potmen, and men applying asphalt, creosote and similar type materials
- All Power Tools (air, gas, or electric), Post Driver
- Riprap-Stonepaver and RockSlinger, including placing of sack concrete wet or dry
- Rototiller
- Rigging and Signaling in connection with Laborers' work
- Sandblaster, Potmen, Gunmen or Nozzlemen
- Vibra-screed
- Skilled Wrecker (removing and salvaging of sash, windows, doors, plumbing and electrical fixtures)

Group 4

- Burning and Welding in connection with Laborers' work
- Joy Drill Model TWM-2A, Gardner Denver Model DN143 and similar type drills (in accordance with Memorandum of Understanding between Laborers and Operating Engineers dated at Miami, Florida, Feb. 3, 1954) and Track Drillers, Diamond Core Drillers, Wagon Drillers, Mechanical Drillers on Multiple Units
- High scalers
- Concrete pump operator

- Heavy Duty Vibrator with Stinger 5" diameter or over
- Pipelayer, Caulker and Bander
- Pipelayer-waterline, Sewerline, Gasoline, Conduit
- Cleaning of Utility Lines
- Slip Lining of Utility Lines (including operation of Equipment)
- TV Monitoring and Grouting of Utility Lines
- Asphalt Rakers

Group 4A

- Foreman

Group 5

- Construction Specialists
- Blasters and Powdermen, all work of loading, placing, and blasting of all powder and explosives of any type, regardless of method used for such loading and placing
- Asbestos removal
- Lead abatement
- Hazardous waste
- Material removal

Group 6

- Gunit Foremen, Nozzlemen, Rodmen, Gunmen, Materialmen, Reboundmen

OPERATING ENGINEER, includes but is not limited to:

Group 1

- Engineer Assistant

Group 1A

- Heavy Duty Repairman Helper
- Oiler
- Parts man

Group 2

- Compressor Operator
- Material Loader and/or Conveyor Operator (handling building materials)
- Pump Operator

Group 3

- Bobcat or similar loader, 1/4 cu. yd. or less
- Concrete Curing Machines (streets, highways, airports, canals)
- Conveyor Belt Operator (tunnel)
- Forklift (under 20)
- Engine Generating Plant (500 K.W.)
- Mixer Box Operator (concrete plant)
- Motorman
- Rotomist Operator
- Oiler (truck crane)

Group 4

- Concrete Mixer Operator, Skip type
- Dinky Operator
- Forklift (20' or over) or Lumber Stacker
- Ross Carrier
- Skip Loader Operator (under one (1) cu. yd.)
- Tie Spacer

Group 5

- Concrete Mixers (over one (1) cu. yd.)
- Concrete Pumps or Pumpcrete Guns
- Elevator and Material Hoist (one (1) drum)
- Groundman for Asphalt Milling and similar

Group 6

- Auger type drilling equipment up to and including 30 ft. depth digging capacity M.R.C.
- Boom Truck or Dual-Purpose a-Frame Truck
- B.L.H. Lima Road Pactor or similar
- Chip Box Spreader (Flaherty type or similar)
- Concrete Batch Plant (wet or dry)
- Concrete Saws (highways, streets, airports, canals)
- Locomotives (over thirty (30) tons)
- Maginnis International Full Slab Vibrator (airports, highways, canals and warehouses)
- Mechanical Finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types)
- Mechanical Burn, Curb and/or Curb and Gutter Machine (concrete or asphalt)
- Pavement Breaker, Truck Mounted, with compressor combination
- Pavement Breaker or Tamper (with or without compressor combination)
- Power Jumbo Operator (setting slip-forms, etc., in tunnels)
- Roller Operator (except asphalt)
- Self-Propelled Tape Machine
- Self-Propelled Compactor (single engine)
- Self-Propelled Power Sweeper Operator
- Slip-Form Pump (power-driven by hydraulic, electric, air, gas, etc. lifting device for concrete forms)
- Small Rubber-Tired Tractors
- Snooper Crane, Paxton-Mitchell or similar
- Stationary Pipe Wrapping, Cleaning and Bending Machine Operator

Group 7

- Auger type drilling equipment over 30 ft. depth digging capacity M.R.C.
- Compressor (over 2)
- Concrete Conveyor or Concrete Pump, truck or equipment mounted (any assistance required shall be performed by an Assistant to Engineer) Boom length to apply Concrete Conveyor, Building Site
- Drilling and Boring Machine, vertical and horizontal (not to apply to waterliners, wagon drills or jack hammers)
- Crusher Plant Engineer
- Generators

- Kolman Loader
- Material Hoist (two (2) or more drums)
- Mine or Shaft Hoist
- Pipe Bending Machines (pipeline only)
- Pipe Cleaning Machines (tractor-propelled and supported)
- Pipe Wrapping Machines (tractor-propelled and supported)
- Portable Crushing and Screening Plants
- Post Driller And/Or Driver
- Pumps (over 2)
- Screedman (except asphaltic or concrete paving)
- Self-Propelled Boom-Type Lifting Device (center mount) (on ten (10) ton capacity or less)
- Slusher Operator
- Surface Heater and Planer Operator
- Trenching Machine (maximum digging capacity three (3) ft. depth) (Any assistance in the operation, if needed, shall be performed by an Assistant to Engineer)
- Truck-Type Loader
- Welding Machines (gasoline or diesel)

Group 8

- Asphalt Plant Engineer
- Asphalt Milling Machine
- Cast-In-Place Pipe-Laying Machine
- Combination Slusher and Motor Operator
- Concrete Batch Plant (multiple units)
- Dozer Operator
- Drill Doctor
- Elevating Grader Operator
- Grooving and Grinding Machine (highways)
- Ken Seal Operator
- Loader (up to and including two and one-half (2 1/2) cu. yds)
- Mechanical Trench Shield
- Mechanical Finishers or Spreader Machine (asphalt, Barber-Greene or similar)
- Mixermobile
- Push Cats
- Road Oil Mixing Machine Operator Wood-Mixer (and other similar Pugmill equipment)
- Roller Operator (asphalt)
- Rubber-Tired Earthmoving Equipment (up to and including thirty-five (35) cu. yds. "struck " M.R.C., Euclids, T-Pulls, DW10, 20, 21 and similar)
- Screedman (Barber-Greene and similar) (asphaltic or concrete paving)
- Self-Propelled Compactors with Dozer; Hyster 450, Cat 825 or similar
- Sheepfoot
- Small Tractor (with boom)
- Soil Stabilizer (P & H or equal)
- Timber Skidder (rubber-tired) or similar equipment
- Tractor-Drawn Scraper
- Tractor Operator
- Tractor-Mounted Compressor Drill Combination
- Trenching Machine Operator (over three (3) feet depth)

- Tri-Batch Paver
- Tunnel Badger or Tunnel Boring Machine Operator
- Tunnel Mole Boring Machine
- Vermeer T-600b Rock Cutter

Group 9

- Chicago Boom
- Combination Backhoe and Loader (up to and including 3/8 cu. yd.)
- Combination Mixer and Compressor (gunite)
- Heavy Duty Repairman and/or Welder
- Lull Hi-Lift (twenty (20) feet or over)
- Mucking Machine
- Sub-Grader (Gurries or other types)
- Tractor (with Boom) (D6 or larger)
- Track-Laying-Type Earthmoving Machine (single engine with tandem scrapers)

Group 10

- Boom-Type Backfilling Machine
- Bridge Crane
- Cary-Lift or similar
- Chemical Grouting Machine
- Derricks (two (2) Group 10 Operators required when swing engine remote from hoist)
- Derrick Barges (except excavation work)
- Euclid Loader and similar types
- Heavy Duty Rotary Drill Rigs
- Lift-Slab (Vagtborg and similar types)
- Loader (over two and one-half (2 1/2 cu. yds. up to and including four (4) cu. yds.)
- Locomotive (over one hundred (100) tons, single or multiple units)
- Multiple-Engine Earthmoving Machines (Euclid Dozers, etc.)
- Pre-Stress Wire Wrapping Machine
- Rubber-Tired Scraper, Self-Loading
- Single-Engine Scraper (over thirty-five (35) cu. yds.)
- Shuttle Car (Reclaim Station)
- Train Loading Station
- Trenching Machine multi-engine with sloping attachments (Jefco or similar)
- Vacuum Cooling Plant
- Whirley Crane (up to and including twenty-five (25) tons)

Group 10A

- Backhoe-Hydraulic (up to and including one (1) cu. yd.)
- Backhoe (up to and including one (1) cu. yd.) (Cable)
- CMI Dual Lane Auto-Grader SP30 or similar type
- Cranes (not over twenty-five (25) tons) (hammerhead and gantry)
- Finish Blade
- Gradalls (up to and including one (1) cu. yd.)
- Motor Patrol Operator
- Power Shovels, Clamshells, Draglines, Cranes (up to and including one (1) cu. yd.)
- Rubber-Tired Scraper, Self-Loading (twin engine)

- Self-Propelled Boom-Type Lifting Device, center mount (over 10 tons up to and including 25 tons)

Group 11

- Automatic Asphalt or Concrete Slip-Form Paver
- Automatic Railroad Car Dumper
- Canal Trimmer
- Cary Lift, Campbell or similar type
- Cranes (over twenty-five (25) tons)
- Euclid Loader when controlled from the Pullcat
- Gradesetter, Grade Checker
- Highline Cableway Operator
- Loader (over four (4) cu. yds. up to and including twelve (12) cu. yds.)
- Multi-Engine Earthmoving Equipment (up to and including seventy-five (75) cu. yds. struck m.r.c.)
- Multi-Engine Scrapers (when used to Push Pull)
- Power Shovels, Clamshells, Draglines, Backhoes Gradalls (over one (1) cu. yd. and up to and including seven (7) cu. yds. m.r.c.)
- Self-Propelled Boom-Type Lifting Device (center mount) (over 25 tons m.r.c.)
- Self-Propelled Compactor (with multiple-propulsion power units)
- Single-Engine Rubber-Tired Earthmoving Machine, with Tandem Scraper
- Slip-Form Paver (concrete or asphalt)
- Tandem Cats and Scraper
- Tower Crane Mobile (including Rail Mount)
- Truck Mounted Hydraulic Crane when remote control equipped (over 10 tons up to and including 25 tons)
- Universal Liebherr and Tower Cranes (and similar types)
- Wheel Excavator (up to and including seven hundred fifty (750) cu. yds. per hour)
- Whirley Cranes (over twenty-five (25) tons)

Group 11A

- Band Wagons (in conjunction with Wheel Excavators)
- Operator of Helicopter) when used in construction work)
- Loader (over twelve (12) cu. yds.)
- Multi-Engine Earthmoving Equipment (over seventy-five (75) cu. yds. "struck" m.r.c.)
- Power Shovels, Clamshells, Draglines, Backhoes, and Gradalls (over seven 7 cu. yds. m.r.c.)
- Remote-Controlled Earth Moving Equipment
- Wheel Excavator (over seven hundred fifty (750) cu. yds. per hour)

Group 11B

- Holland Loader or similar or Loader (over 18 cu. yds.)

OPERATING ENGINEERS - Steel Fabricator & Erector

Group 1

- Cranes over 100 tons
- Derrick over 100 tons
- Self-Propelled Boom Type Lifting Devices over 100 tons

Group 2

- Cranes over 45 tons up to and including 100 tons
- Derrick, 100 tons and under
- Self-Propelled Boom Type Lifting Device, over 45 tons
- Tower Crane

Group 3

- Cranes, 45 tons and under
- Self-Propelled Boom Type Lifting Device, 45 tons and under

Group 4

- Chicago Boom
- Forklift, 10 tons and over
- Heavy Duty Repairman/Welder

Group 5

- Boom Cat
-

OPERATING ENGINEER -PILEDRIIVER

Group 1

- Derrick Barge Pedestal mounted over 100 tons
- Clamshells over 7 cu. yds.
- Self-Propelled Boom Type Lifting Device, over 100 tons
- Truck Crane or Crawler, land or barge mounted over 100 tons

Group 2

- Derrick Barge Pedestal mounted 45 tons up to and including 100 tons
- Clamshells up to and including 7 cu. yds.
- Self-Propelled Boom Type Lifting Device over 45 tons
- Truck Crane or Crawler, land or barge mounted, over 45 tons up to and including 100 tons

Group 3

- Derrick Barge Pedestal mounted under 45 tons
- Self-Propelled Boom Type Lifting Device 45 tons and under
- Skid/Scow Piledriver, any tonnage
- Truck Crane or Crawler, land or barge mounted 45 tons and under

Group 4

- Assistant Operator in lieu of Assistant to Engineer
- Forklift, 10 tons and over
- Heavy Duty Repairman/Welder

Group 5

No current classification

Group 6

- Deck Engineer

Group 7

No current classification

Group 8

- Deckhand
 - Fireman
-



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ADA Assistance



▶ 2020-2021 PREVAILING WAGE RATE AMENDMENT 1

Amendment 1

- AMENDMENT 1
- Classification – Ironworker (Travel reimbursement removed)
- County – ALL REGIONS
- Effective – October 1, 2020

The following represents the amended wage rates.

| IRON WORKER | Union |
|----------------------------|-------|
| Ironworker-Journeyman | 74.49 |
| Ironworker-Foreman | 78.59 |
| Ironworker-General Foreman | 83.10 |

See IRON WORKER JOB DESCRIPTION

ADD ZONE RATE

In addition to Iron Worker rates add the applicable amounts per day, calculated based on a road mile from the Las Vegas City Hall.

| | |
|----------------------------|--------|
| Zone 1- 60 - 75 Miles | \$3.13 |
| Zone 2- 75 - 100 Miles | \$6.26 |
| Zone 3- 100 miles and over | \$7.50 |

ADD PREMIUM PAY

One and one half (1X) the regular straight time hourly rate shall be paid:

1. For the first two (2) hours worked in excess of eight (8) on a regular workday Monday-Friday
2. For the first eight (8) hours on Saturday

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over ten (10) hours in one day or shift.
2. For any hours worked on Sunday.
3. For all hours worked over eight (8) on Saturday
4. For all hours worked on Holidays

Shift Pay

1. 2nd shift add 6% of hourly wage
2. 3rd shift add 13% of hourly wage
3. Dedicated shift add 6% of hourly wage

Project Workforce Checklist

Contract No.: 3970BD2601 Project Name: Burnt Cedar Swimming Pools Project

Contractor/Subcontractor: _____

| Craft/Trade | More than 3 Employees Anticipated? | | | Anticipate Needing Waiver? | |
|--|------------------------------------|----|-----|----------------------------|----|
| | Yes | No | N/A | Yes | No |
| Air Balance Technician | Yes | No | N/A | Yes | No |
| Alarm Installer | Yes | No | N/A | Yes | No |
| Bricklayer , can also include tile setter, terrazzo workers and marble masons. | Yes | No | N/A | Yes | No |
| Carpenter , can also include cement masons, floor coverer, millwright and piledriver (non-equipment), plasterers and terrazzo workers. | Yes | No | N/A | Yes | No |
| Cement Mason (See Laborers) | Yes | No | N/A | Yes | No |
| Electrician , includes communication technician, line, neon sign and wireman. Can also include alarm installer. | Yes | No | N/A | Yes | No |
| Elevator Constructor | Yes | No | N/A | Yes | No |
| Floor Coverer | Yes | No | N/A | Yes | No |
| Glazier (see also Painters and Allied Trades) | Yes | No | N/A | Yes | No |
| Hod Carrier (See Laborers) , includes brick-mason tender and plaster tender. | Yes | No | N/A | Yes | No |
| Iron Worker , can also include fence erectors (steel/iron) | Yes | No | N/A | Yes | No |
| Laborer , can also include brick mason tender, cement mason, fence erector (non-steel/iron), flag person, highway stripier, landscaper, plastic tender, and traffic barrier erector | Yes | No | N/A | Yes | No |
| Lubrication and Service Engineer | Yes | No | N/A | Yes | No |
| Mechanical Insulator | Yes | No | N/A | Yes | No |
| Millwright | Yes | No | N/A | Yes | No |
| Operating Engineer , can also include equipment greaser, piledriver, soils and material tester, steel fabricator/erector (equipment) and surveyor (non-licensed) and well driller. | Yes | No | N/A | Yes | No |
| Painters and Allied Trades , can also include glaziers, floor coverers, and tapers. | Yes | No | N/A | Yes | No |
| Pile Driver (non-equipment) | Yes | No | N/A | Yes | No |
| Plasterer | Yes | No | N/A | Yes | No |
| Plumber/Pipefitter | Yes | No | N/A | Yes | No |

*This is intended as a "Sample Form" only and is not an official or approved form of the Office of the Labor Commissioner. *

| | | | | | |
|--|-----|----|-----|-----|----|
| Refrigeration | Yes | No | N/A | Yes | No |
| Roofer (not sheet metal) | Yes | No | N/A | Yes | No |
| Sheet Metal Worker, can also include air balance technician. | Yes | No | N/A | Yes | No |
| Soils and Materials Tester, includes certified soil tester | Yes | No | N/A | Yes | No |
| Sprinkler Fitter | Yes | No | N/A | Yes | No |
| Surveyor (non-licensed) | Yes | No | N/A | Yes | No |
| Taper | Yes | No | N/A | Yes | No |
| Tile/Terrazzo Worker/Marble Mason | Yes | No | N/A | Yes | No |
| Traffic Barrier Erector (See Laborers) | Yes | No | N/A | Yes | No |
| Truck Driver | Yes | No | N/A | Yes | No |
| Well Driller (see also Operating Engineer) | Yes | No | N/A | Yes | No |
| Other*: | Yes | No | N/A | Yes | No |
| | Yes | No | N/A | Yes | No |
| | Yes | No | N/A | Yes | No |
| | Yes | No | N/A | Yes | No |

I affirm I am fully authorized to acknowledge, on behalf of the Contractor listed above, the anticipated workforce, and acknowledge that changes to the anticipated workforce which may have an impact on compliance with the Nevada Apprenticeship Utilization Act, 2019 will require the submittal of a revised form within ten (10) working days of such change.

Signed: _____

Name and Title: _____

Date: _____

Contractor Name: _____

APPRENTICESHIP UTILIZATION ACT – SENATE BILL 207 (2019)

The Legislature hereby finds and declares that: 1. A skilled workforce in construction is essential to the economic well-being of this State; 2. Apprenticeship programs are a proven method of training a skilled workforce in construction; and 3. Requiring the use of apprentices on the construction of public works will ensure the availability of a skilled workforce in construction in the future for this State.

Sec. 1.7. 1. Notwithstanding any other provision of this chapter and except as otherwise provided in this section, a contractor or subcontractor engaged in vertical construction who employs a worker on a public work pursuant to NRS 338.040 shall use one or more apprentices for at least 10 percent of the total hours of labor worked for each apprenticed craft or type of work to be performed on the public work for which more than three workers are employed.

2. Notwithstanding any other provision of this chapter and except as otherwise provided in this section, a contractor or subcontractor engaged in horizontal construction who employs a worker on a public work pursuant to NRS 338.040 shall use one or more apprentices for at least 3 percent of the total hours of labor worked for each apprenticed craft or type of work to be performed on the public work for which more than three workers are employed.

Horizontal Construction NRS 338.010 - Subdivision 13. “Horizontal Construction” means the construction of any fixed work, including any irrigation, drainage, water supply, flood control, harbor, railroad, highway, tunnel, airport or airway, sewer, sewage disposal plant or water treatment facility and any ancillary vertical components thereof, bridge, inland waterway, pipeline for the transmission of petroleum or any other liquid or gaseous substance, pier, and work incidental thereto. The term does not include vertical construction, the construction of any terminal or other building of an airport or airway, or the construction of any other building.

Vertical Construction NRS 338.010 - Subdivision 24. “Vertical Construction” means the construction or remodeling of any building, structure or other improvement that is predominantly vertical, including, without limitation, a building, structure or improvement for the support, shelter and enclosure of persons, animals, chattels or movable property of any kind, and any improvement appurtenant thereto.

Complex or Hazardous Work - The Labor Commissioner will view complex and hazardous work to include, but not be limited to, work performed on a public work project that is traditionally not performed by Apprentices pursuant to their Apprentice Agreement, Collective Bargaining Agreement, and/or any other written justification demonstrating that the work to be performed should not be performed by Apprentices.

A Public Body/Awarding Body, upon the request of a contractor or subcontractor, **MAY** submit a request for a modification or waiver of the percentage of hours of labor of one or more apprentices prior to (1) the bid advertisement; (2) the bid opening; or (3) the award of the contract if, “Good Cause” exists. The Labor Commissioner may also grant a waiver from the requirements of SB 207 after work on the public work has commenced.

Sample Forms and information on SB 207 can be found at:

[http://labor.nv.gov/Apprenticeship Utilization Act/Apprenticeship Utilization Act/](http://labor.nv.gov/Apprenticeship%20Utilization%20Act/Apprenticeship%20Utilization%20Act/)

Additional information on Public Works Projects and Prevailing Wages by region can be found at www.labor.nv.gov or by following the links below.

[http://labor.nv.gov/PrevailingWage/Public Works Prevailing Wages/](http://labor.nv.gov/PrevailingWage/Public%20Works%20Prevailing%20Wages/)

<http://labor.nv.gov/uploadedFiles/labornvgov/content/home/features/PWP%20Handbook%20June%202019.pdf>

GUIDELINES FOR AWARDING BODIES AND CONTRACTORS/SUBCONTRACTORS

1. Senate Bill 207 applies to Public Works Projects (NRS 338.010 – Subdivision 23) over \$100,000. (Exemptions may apply – See NRS sections 338.011 and 338.090.)
2. For each Public Works Project (PWP) Bid Advertisement, Bid Opening, and Contract, the Public Body/Awarding Body should include the requirements of Senate Bill 207. The Public Body/Awarding Body should also determine if the PWP requires the performance of uniquely complex or hazardous work.
3. Contractors/Subcontractors should determine if they can meet the Apprentice % requirements set forth in SB 207 or need to request Apprentices from a Registered Apprenticeship Program. Contractors/Subcontractors can request Apprentices using the Apprentice Request Form or request Apprentices in writing from a Registered Apprenticeship Program. *(Written documentation will be required by the Labor Commissioner if a Request for Waiver is submitted.)*
4. If the Apprentice Request is approved and Apprentices are dispatched, an Apprentice Agreement may need to be executed between the Registered Apprenticeship Program and the Contractor/Subcontractor.
5. Apprentice Issues - Issues and/or complaints regarding the qualifications and/or work of an Apprentice that is dispatched should be directed to the Registered Apprenticeship Program or the State of Nevada Apprenticeship Council. Please follow link <http://owinn.nv.gov/Apprenticeship/AboutSAC/>.
6. A Request for Waiver **MAY** be submitted by the **PUBLIC BODY/AWARDING BODY** to the Office of the Labor Commissioner if: (1) No Registered Apprentice Programs exist in the jurisdiction for the craft/type of work required for the PWP; (2) A request for Apprentices was denied or not acted upon within 5 business days; or (3) The PWP requires the performance of uniquely complex or hazardous work.
7. **ONLY THE PUBLIC BODY/AWARDING BODY CAN SUBMIT A REQUEST FOR WAIVER. REQUESTS FOR WAIVERS SHOULD BE SUBMITTED AS SOON AS POSSIBLE.**
8. Within 15 days of receipt of the Request for Waiver, the Office of the Labor Commissioner will issue a Decision/Determination granting or denying the Request for Waiver on the form that was submitted.
9. The Public Body/Awarding Body, Contractor, or Subcontractor can appeal the Decision/Determination within 10 days of issuance.
10. The Public Body/Awarding Body shall monitor the PWP consistent with the laws and regulations set forth in Nevada Revised Statutes (NRS) section 338 and Nevada Administrative Code (NAC) section 338. If a Waiver has not been granted the Public Body/Awarding Body shall ensure that certified payroll reports and any other required documentation are submitted and maintained demonstrating compliance with SB 207.

For additional information please contact us at:

Office of the Labor Commissioner
1818 College Parkway, Suite 102
Carson City, NV 89706 775-684-1890

AUA@labor.nv.gov

Office of the Labor Commissioner
3300 W. Sahara Avenue, Suite 225
Las Vegas, NV 89102 702-486-2650

AUA@labor.nv.gov

TOLL FREE: 1-800-992-0900 Ext. 4850 - www.labor.nv.gov



INCLINE VILLAGE GENERAL IMPROVEMENT DISTRICT BURNT CEDAR BEACH - POOL RECONSTRUCTION

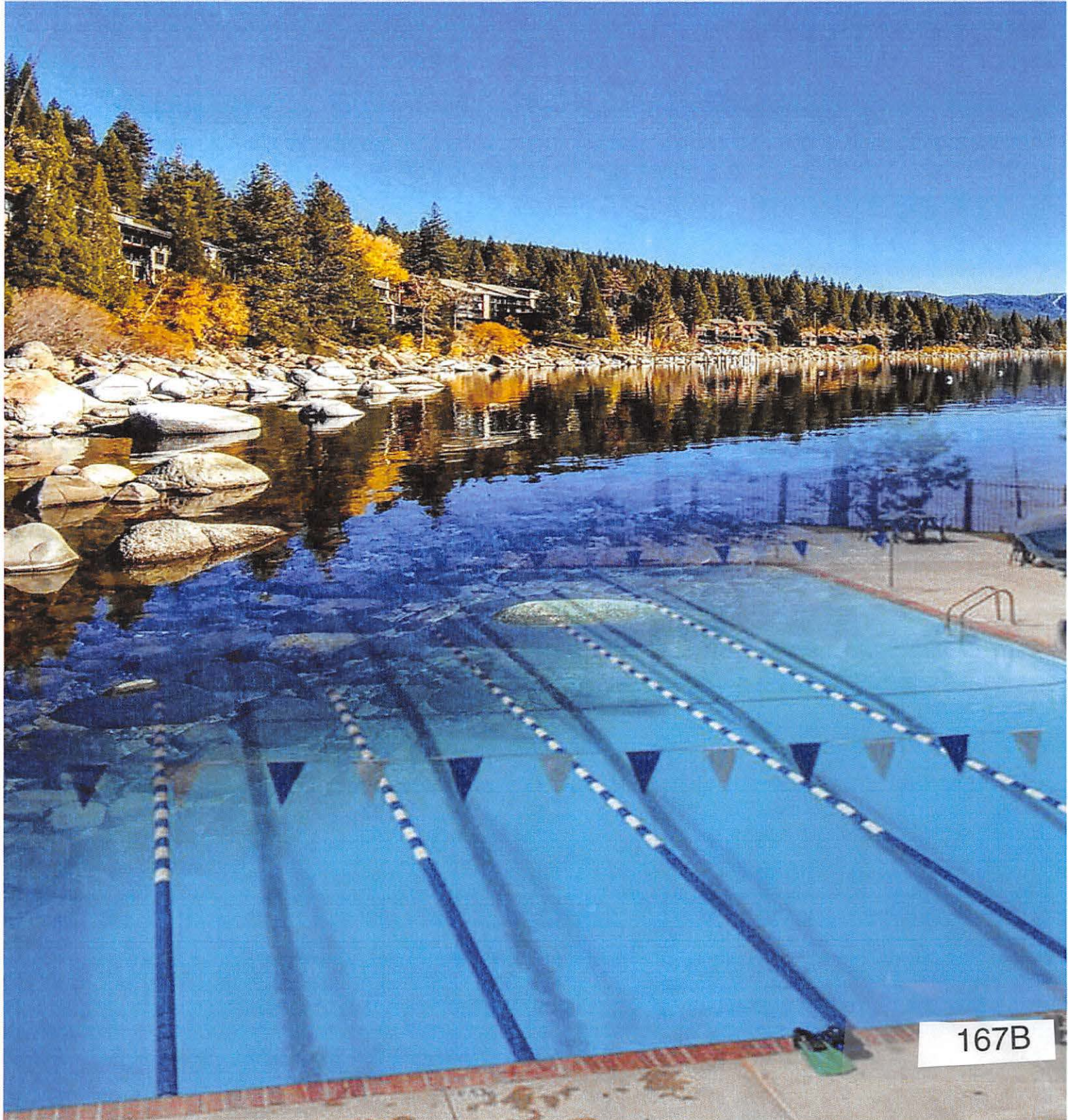
GUARANTEED MAXIMUM PRICE (GMP)

April 20, 2021



1. GMP
2. Basis of GMP
3. Enumeration of Documents (EOD)
4. Preliminary Schedule
5. Site Logistics Plan

1. GMP



167B



Burnt Cedar Beach - Pool
Reconstruction

Draft GMP, April 21, 2021

LOCATION: Incline Village, NV

ARCHITECT: TSK Architects

DURATION(mnths): 7

WARRANTY(yrs): 1

SITE ACREAGE: 0.72

SQUARE FOOTAGE: 410

| Current Status | Description | All Costs For Reference | Total Accepted Construction Costs |
|---------------------------------------|---|-------------------------|-----------------------------------|
| BASE PRICE | | | |
| | Direct Cost Subtotal | \$3,508,440 | \$3,508,440 |
| ALTERNATES | | | |
| Accepted | Alternate #1: Connector Path & CMU Retaining Wall | \$53,642 | \$53,642 |
| Accepted | Alternate #2: Pine Tree Element | \$18,916 | \$18,916 |
| Accepted | Alternate #3: Bubbler Fountain | \$4,031 | \$4,031 |
| Accepted | Alternate #4: Colored Concrete (Pool Deck) | \$19,872 | \$19,872 |
| CONTINGENCIES & ALLOWANCES | | | |
| Accepted | CMAR Contingency | \$84,964 | \$84,964 |
| Accepted | Allowance #1: Temporary Heating, Power, & Cold Weather Protection | \$45,000 | \$45,000 |
| Accepted | Allowance #2: Rock/Boulder Excavation | \$50,000 | \$50,000 |
| Accepted | Allowance #3: Dewatering | \$25,000 | \$25,000 |
| Accepted | Allowance #4: Temporary Erosion Control and TRPA Coordination | \$36,000 | \$36,000 |
| GMP Total With Alternates | | | \$3,845,865 |



Burnt Cedar Beach - Pool Reconstruction

Draft GMP, April 21, 2021

LOCATION: Incline Village, NV

ARCHITECT: TSK Architects

DURATION(mnths): 7

WARRANTY(yrs): 1

SITE ACREAGE: 0.72

| # | Description | Base Price |
|---|---|--------------------|
| GENERAL REQUIREMENTS | | \$165,076 |
| TSR | General Requirements | \$165,076 |
| DEMOLITION / OFF-SITE INFRASTRUCTURE | | \$21,800 |
| 2 | Temporary Access / Logistics | \$11,000 |
| 3 | Selective Demolition (Equipment Room) | \$10,800 |
| SITE WORK (ROUGH) | | \$800,741 |
| 7 | Survey, Layout and Staking | \$13,100 |
| 8 | Site Clearing, Demo, Earthwork, Utilities, Paving | \$787,641 |
| SITE WORK (FINISH) | | \$489,546 |
| 15 | Landscaping & Irrigation | \$75,830 |
| 16 | Fencing & Gates | \$108,476 |
| 23 | Site & Building Concrete | \$269,774 |
| 24 | Site Masonry | \$19,250 |
| 25 | Site Metals | \$16,216 |
| STRUCTURE | | \$42,567 |
| 36 | Rough Carpentry | \$42,567 |
| ENCLOSURE | | \$12,863 |
| 38 | Caulking and Sealants | \$12,863 |
| INTERIOR FINISHES | | \$19,245 |
| 61 | Drywall & Ceiling Repair | \$5,000 |
| 62 | Painting & Interior Touch-up | \$13,000 |
| 69 | Concrete Finishing | \$1,245 |
| SPECIALTIES | | \$0 |
| EQUIPMENT | | \$1,223,000 |
| 91 | Swimming Pool & Wading Pool | \$1,223,000 |
| MEP SYSTEMS | | \$57,296 |
| 98 | Plumbing Systems | \$41,059 |
| 104 | Electrical & Low Voltage Systems | \$16,237 |
| SPECIAL SYSTEMS | | \$0 |

| | |
|-----------------|--------------------|
| Subtotal | \$2,832,134 |
|-----------------|--------------------|

| GENERAL CONDITIONS | | SUB TOTAL |
|---------------------------|--------------------|------------------|
| Required | General Conditions | \$473,022 |
| Required | Warranty Service | \$4,248 |

| | |
|---|--------------------|
| Subtotal (with General Conditions) | \$3,309,405 |
|---|--------------------|

| INSURANCE, BONDS, AND BUILDERS RISK | | SUB TOTAL |
|--|------------------------------|------------------|
| Required | General Liability | \$35,085 |
| Required | Payment and Performance Bond | \$23,853 |
| Required | Builders Risk Insurance | \$500 |

| | |
|--|--------------------|
| Subtotal (with GC's, Prof. Services, & Insurance) | \$3,368,843 |
|--|--------------------|

| RATE | CONTRACTOR'S FEE | SUB TOTAL |
|-------------|----------------------------------|------------------|
| 3.95% | Construction Manager At Risk Fee | \$138,584 |
| 0.15% | State Commerce Tax | \$1,013 |

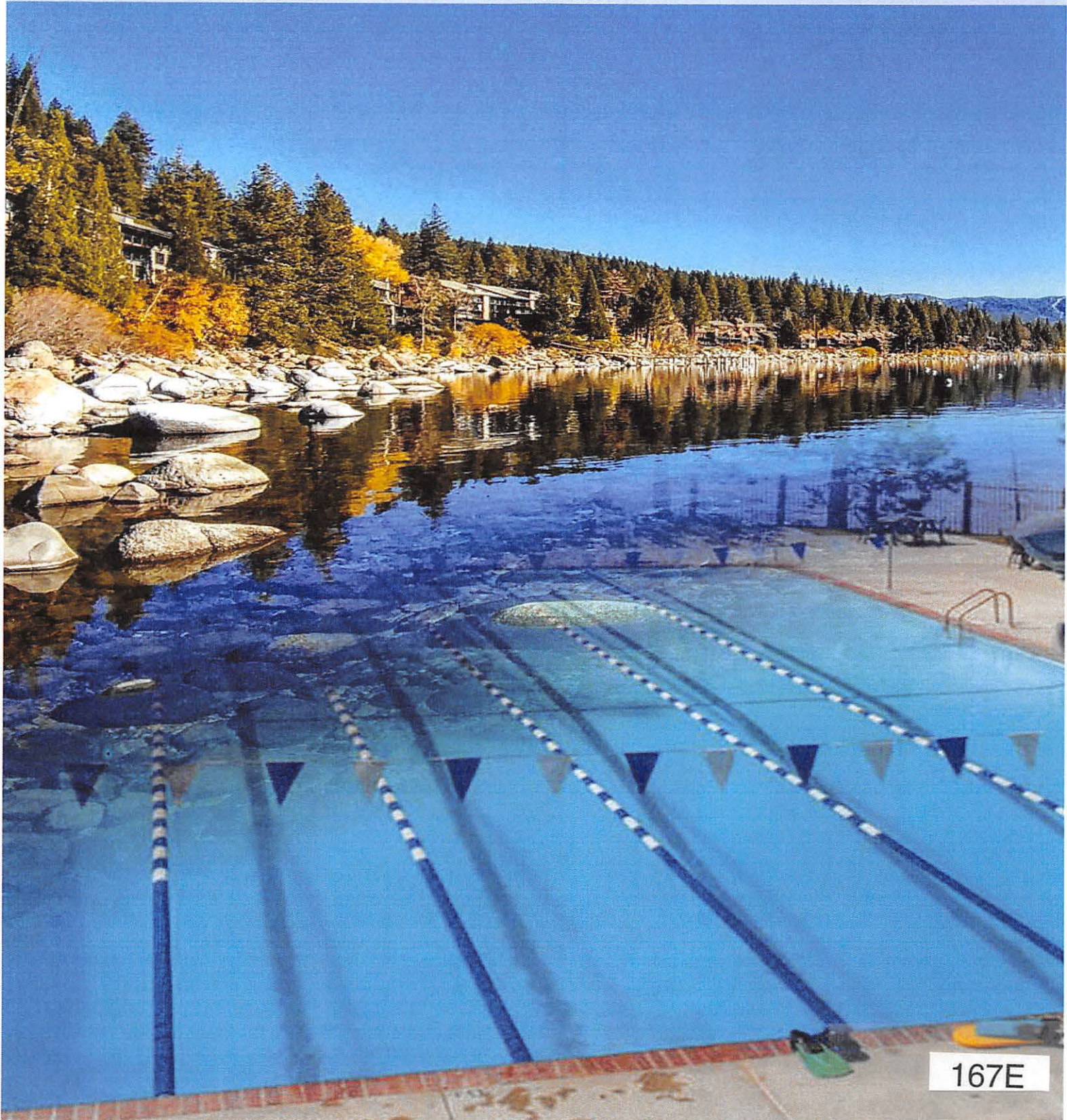
| | |
|--|--------------------|
| Subtotal (GC's, Prof Services, Insurance, Tax, & Fee) | \$3,508,440 |
|--|--------------------|

| | |
|-----------------------------|--------------------|
| Direct Cost Subtotal | \$3,508,440 |
|-----------------------------|--------------------|

| CONTINGENCIES & ALLOWANCES | | Base Price |
|---------------------------------------|---|-------------------|
| 3.0% | CMAR Contingency | \$84,964 |
| LS | Allowance #1: Temporary Heating, Power, & Cold Weather Protection | \$45,000 |
| LS | Allowance #2: Rock/Boulder Excavation | \$50,000 |
| LS | Allowance #3: Dewatering | \$25,000 |
| LS | Allowance #4: Temporary Erosion Control and TRPA Coordination | \$36,000 |

| | |
|---|--------------------|
| Base Bid GMP (Excludes Alternates) | \$3,749,404 |
|---|--------------------|

2. BASIS OF GMP



Basis of Guaranteed Maximum Price (GMP)

Incline Village General Improvements District (IVGID)

Burnt Cedar Beach – Pool Reconstruction

APRIL 21, 2021



Incline Village, NV

The Basis of GMP is a written explanation clarifying the scope, assumptions and exclusions used in establishing the Guaranteed Maximum Price (GMP) dated April 21, 2021 for review and approval. This GMP is presented in a ten group, systems format and is lump sum in nature.

Assumptions, Clarifications, & Exclusions

Schedule

Key Milestone Dates

- Anticipated TRPA Permit Received: 4/28/21
- Anticipated WC Health/Permits Received: 4/28/21
- Anticipated Start Date (Permit(s) in Hand): 4/28/21
- (TRPA) Grading Season Opens: 5/1/21
- (TRPA) Grading Season Closes: 10/15/21
- Anticipated Substantial Completion Date: 5/24/22
- Anticipated Final Completion Date: 6/8/22

Weather

CORE has analyzed the critical path construction schedule in comparison to the specification and has identified and incorporated all reasonable adverse weather days per month that could potentially impact a critical path activity. The following table represents this analysis, and those days are included in the preliminary schedule.

(Northern Nevada – Incline Village Region – Per the NOAA)

| Month | Number of Reasonably Anticipated Days of Adverse Weather Per Month |
|---|--|
| May '21 | 4 |
| June '21 | 2 |
| July '21 | 0 |
| August '21 | 1 |
| September '21 | 2 |
| October '21 | 4 |
| No Work from November 2022 – April 2022 | |
| May '22 | 4 |
| June '22 | 2 |

Basis of Guaranteed Maximum Price (GMP)

Incline Village General Improvements District (IVGID)

Burnt Cedar Beach – Pool Reconstruction

APRIL 21, 2021



Incline Village, NV

Cost

This GMP is based on Prevailing Wage Rates and includes Nevada sales tax. The value provided in the proposal includes all direct and indirect construction costs but does not include typical project "soft costs". These costs include, but are not limited to design professional fees, permits and plan review fees, utility connection fees, land acquisition costs, "loose" furniture, fixtures and equipment (FF&E), special inspections, etc.

Contingency & Allowances

- **CMAR Construction Contingency (3.0%)** – CMAR Construction Contingency is included outside of direct cost of construction work in this proposal and is intended to be used at CORE's discretion to cover costs that have not been completely identified as trade specific scope on the GMP setting documents may require further clarification or coordination. These costs include, but are not limited to, scope gap, coordination issues between trades, and missed scope during the bidding process. The CMAR Construction Contingency is not intended to account for design revisions or additional scope requests by the design / owner during construction.
- **Allowance #01: Temporary Heating, Power, and Cold Weather Protection** – Allowance #01 is included outside of direct cost of construction work in this proposal and is intended to be used at the Owner's discretion to cover the cost of Temporary Heating, Power and Cold Weather Protection not otherwise covered under other specific trade scopes of work.
- **Allowance #02: Rock/Boulder Excavation** – Allowance #02 is included outside of direct cost of construction work in this proposal and is intended to be used at the Owner's discretion to cover the cost of discovering Rocks/Boulders during excavation of the existing pools and over-excavation of the new pools.
- **Allowance #03: Dewatering** – Allowance #03 is included outside of direct cost of construction work in this proposal and is intended to be used at the Owner's discretion to cover the cost of Dewatering if this should be required as part of the Erosion Control and TRPA Coordination measures for the duration of the project.
- **Allowance #04: Temporary Erosion Control and TRPA Coordination** – Allowance #04 is included outside of direct cost of construction work in this proposal and is intended to be used at the Owner's discretion to cover the cost of Erosion Control and TRPA coordination, inspections, and meetings through a 3rd party Professional Service.

Basis of Guaranteed Maximum Price (GMP)

Incline Village General Improvements District (IVGID)

Burnt Cedar Beach – Pool Reconstruction

APRIL 21, 2021



Incline Village, NV

Hourly Rates

- The following agreed to hourly rates will be used to determine and define "Actual Costs". The Actual Costs for each of the agreed to rates includes all normal and customary payroll paid by the Contractor plus all fringe benefits, taxes and insurances.

| | <u>Standard Rate</u> | <u>Overtime Rate</u> |
|------------------------------|----------------------|----------------------|
| Project Management: | | |
| Director of Field Operations | 160 | - |
| Project Manager | 114 | - |
| Construction Coordinator | 84 | - |
| Project Accountant | 84 | - |
| Contracts Administrator | 94 | - |
| Field Operations: | | |
| General Superintendent | 140 | |
| Superintendent | 124 | - |
| Carpenters | 80 | 120 |
| Water Truck Driver | 90 | 135 |
| Laborers | 62 | 93 |

General Assumptions

- This cost proposal is considered lump sum, not line itemed. Scope values are provided for transparency and as a contract schedule of values.
- Normal shrinkage cracking of all cementitious material, such as slabs, concrete walls, fully grouted CMU walls, etc. is expected and shall not be cause for removal or replacement of structurally sound slabs.
- We anticipate normal working hours 7:00 AM to 4:00 PM, Monday through Friday.
- CORE's proposal is for construction costs only, unless otherwise specified. Soft costs, permits, permit fees, etc. are expected to be covered by others.
- All savings or any approved value engineering savings during construction will be added to the CMAR Construction Contingency. As the GMP proposal is lump sum, savings are not fully realized until substantial completion.
- Any remaining or unused CMAR contingency or allowances shall be returned to the owner.
- Building permits are to be procured by the Client and in hand prior to CORE Construction mobilizing on site. CORE shall be granted an extension of time for delays resulting from not having an approved grading / building permit in place on the anticipated start date.
- The Client will have all necessary leasing or ownership agreements for the property in place in advance of the anticipated start date. CORE shall be granted an extension of time for delays resulting and potential adjustment of the GMP via change order if accelerating the schedule is required resulting from the Client not having all necessary property procurement documentation and legal action complete prior to mobilization.

Basis of Guaranteed Maximum Price (GMP)

Incline Village General Improvements District (IVGID)

Burnt Cedar Beach – Pool Reconstruction

APRIL 21, 2021



Incline Village, NV

Specific Exclusions

- Typical Project "Soft Costs" unless otherwise specified. These include, but are not limited to: design professional costs, permits and fees, utility connection charges, land acquisition, legal fees, equipment and furnishings, etc.
- Special systems not specifically indicated in the schedule of values.
- Power company / communication companies (telephone / internet) / gas company costs other than trenching, backfill, conduits and coordination.
- Salvaging and relocation of any existing equipment or furnishings, unless other specified.
- Servers, equipment, data cabling, terminations, etc. (pathways and cable tray included).
- Hazardous material remediation / encapsulation (lead, asbestos, mold, etc.).
- Fire Alarm, Fire Sprinkler / Suppression systems adjustments or new work.
- Building Signage.
- Pool Cover and Reels, Wading Pool Cover and Reels, and Lifeguard Chair(s).
- Site Lighting or Parking lot lighting.

Other scope specific Assumptions and Clarifications:

DEMOLITION / OFF-SITE INFRASTRUCTURE

002 | TEMPORARY ACCESS / LOGISTICS

- A preliminary Site Logistics Plan is provided with this GMP Package.
- Temporary Traffic Recirculation Signage, Labor, Equipment and Tools necessary for coordination of deliveries to/from the site and separating the Public from Construction access, while allowing safe Public access to the Burnt Cedar Beach and Lake Tahoe.

SITE WORK (ROUGH)

007 | SURVEY, LAYOUT AND STAKING

- Mobilization to/from the site, Office Support & Calculations, Survey & Staking, Re-staking, and As-built site conditions with Mass Grading Certification.

SITE WORK (FINISH)

016 | FENCING AND GATES

- Includes Panic Hardware for North Entry Gates.

INTERIOR FINISHES

061 | METAL STUDS, DRYWALL AND PAINT

- Replacement Drywall patching, tape & texture.

Basis of Guaranteed Maximum Price (GMP)

Incline Village General Improvements District (IVGID)

Burnt Cedar Beach – Pool Reconstruction

APRIL 21, 2021



Incline Village, NV

062 | PAINT AND HIGH-PERFORMANCE COATINGS

- Painting of New drywall, and interior painting touch-up.

069 | CONCRETE FINISHING

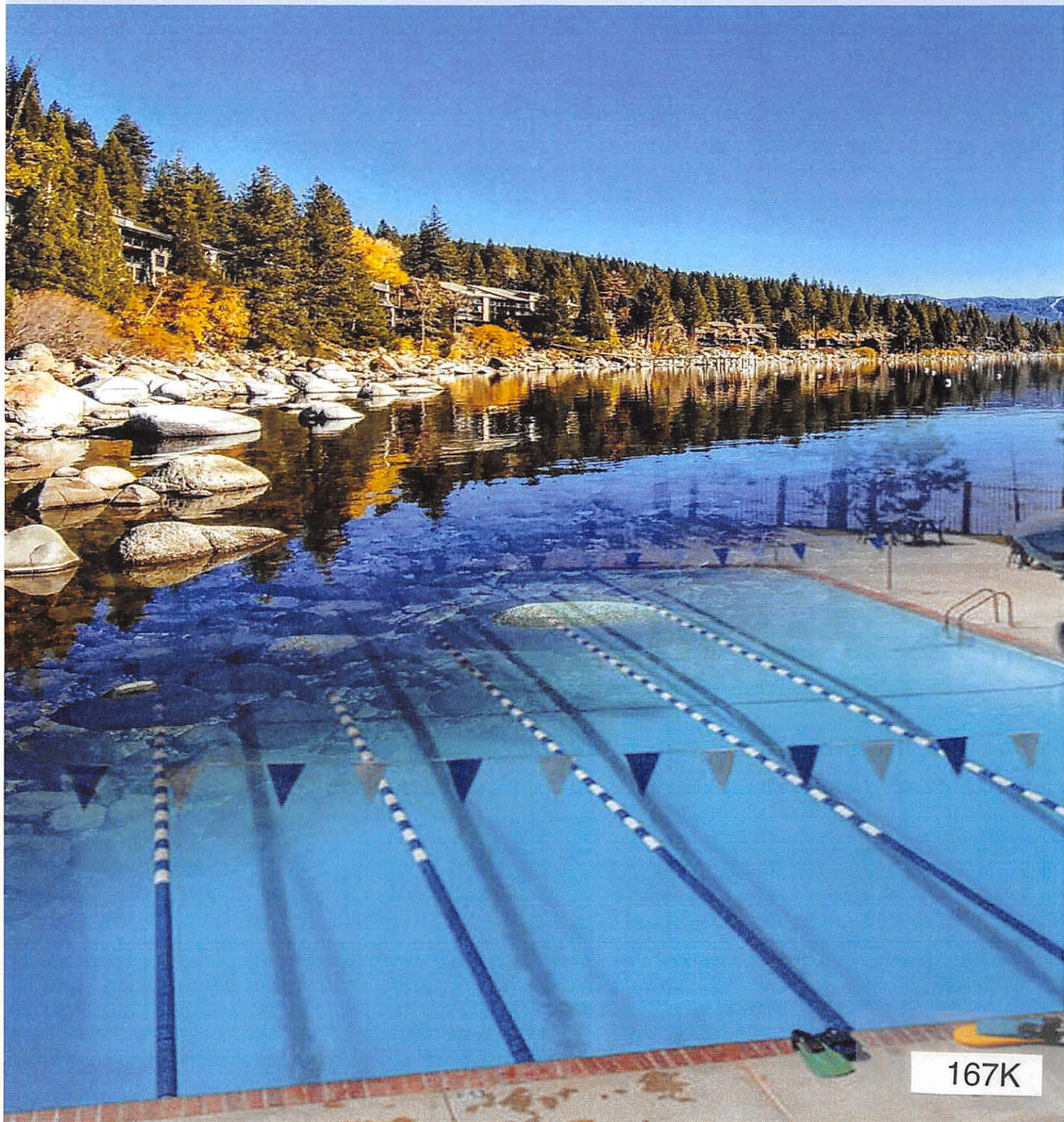
- Floor preparation and new sealed concrete at the Mechanical and Chlorine Rooms.

EQUIPMENT

091 | SWIMMING POOL AND WADING POOL

- Includes the addition of a 1-1/2" water line from the Mechanical Room to the relocated Vortex Slide, with equipment and fittings anticipated.

3. ENUMERATION OF DOCUMENTS



167K



**ATTACHMENT C
ENUMERATION OF DOCUMENTS**

Burnt Cedar Beach - Pool Reconstruction

CORE Project No: TBD

| PROJECT MANUAL | | | | | |
|---------------------------|--|-----------|------------|--------------------|-----------|
| Specification/ Drawing | Description | Spec Date | Stamp Date | CORE Received Date | Revision |
| Division 00 | Procurement and Contracting Requirements | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 00 00 01 | Cover Sheet | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 00 01 02 | Project Information | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 00 01 10 | Table of Contents | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 00 63 13 | Request for Information Form | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 00 63 25 | Substitution Request Form | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 00 71 00 | Contracting Definitions | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 01 | General Requirements | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 01 10 00 | Summary of Work | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 01 25 00 | Substitution Procedures | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 01 26 00 | Contract Modification Procedures | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 01 26 13 | Request for Information | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 01 40 00 | Quality Requirements | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 01 41 00 | Regulatory Requirements | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 01 42 16 | Definitions | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 01 42 19 | Reference Standards | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 01 58 13 | Temporary Project Signage | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 01 60 00 | Product Requirements | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 01 70 00 | Execution and Closeout Requirements | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 01 73 00 | Execution Requirements | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 01 73 29 | Cutting and Patching | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 01 74 19 | Construction Waste Management and Disposal | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 01 78 00 | Closeout Requirements and Submittals | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 01 78 36 | Warranties and Bonds | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 01 79 00 | Demonstration and Training | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 01 91 13 | General Commissioning Requirements | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 02 | Existing Conditions/Site | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | For Site Preparation and Earthwork, see Division 31 | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | For Pavement and Site Improvements, see Division 32 | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | For Site Utilities, see Division 33 | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 03 | Concrete | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | See Structural Drawings | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 04 | Masonry | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | See Structural Drawings | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 05 | Metals | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | See Structural Drawings | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 05 73 10 | Wrought Iron Fencing and Gates (Not listed in Index) | 12-Mar-21 | N/A | 15-Mar-21 | 24-Mar-21 |
| Division 06 | Wood, Plastics, and Composites | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 06 61 00 | Fiberglass Reinforced Plastics Floor Grates | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 07 | Thermal and Moisture Protection | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 07 13 26 | Sheet Waterproofing | 24-Mar-21 | N/A | 24-Mar-21 | None |
| 07 92 00 | Joint Sealants | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 08 | Openings | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 08 91 00 | Louvers | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 09 | Finishes | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 9 05 61 | Common Work Results for Flooring Preparation | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 09 21 16 | Gypsum Board Assemblies | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 09 90 00 | Painting and Coating | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 09 91 23 | Interior Painting | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 10 | Specialties | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | Not Used | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 11 | Equipment | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | Not Used | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 12 | Furnishings | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | Not Used | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 13 | Special Construction | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | Listed "Not Used" in Index | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 13 11 00 | Swimming Pool General Requirements | 12-Mar-21 | N/A | 15-Mar-21 | 24-Mar-21 |
| 13 11 01 | Swimming Pool Excavation | 12-Mar-21 | N/A | 15-Mar-21 | 24-Mar-21 |



**ATTACHMENT C
ENUMERATION OF DOCUMENTS**

Burnt Cedar Beach - Pool Reconstruction

CORE Project No: TBD

| Specification/ Drawing | Description | Spec Date | Stamp Date | CORE Received Date | Revision |
|---------------------------|--|-----------|------------|--------------------|-----------|
| 13 11 02 | Swimming Pool Concrete | 12-Mar-21 | N/A | 15-Mar-21 | 24-Mar-21 |
| 13 11 03 | Swimming Pool Shotcrete | 12-Mar-21 | N/A | 15-Mar-21 | 24-Mar-21 |
| 13 11 04 | Swimming Pool Ceramic Tile | 12-Mar-21 | N/A | 15-Mar-21 | 24-Mar-21 |
| 13 11 05 | Swimming Pool Plaster | 12-Mar-21 | N/A | 15-Mar-21 | 24-Mar-21 |
| 13 11 06 | Swimming Pool Equipment | 12-Mar-21 | N/A | 15-Mar-21 | 24-Mar-21 |
| 13 11 07 | Swimming Pool Mechanical | 12-Mar-21 | N/A | 15-Mar-21 | 24-Mar-21 |
| 13 11 08 | Swimming Pool Electrical | 12-Mar-21 | N/A | 15-Mar-21 | 24-Mar-21 |
| Division 14 | Conveying Equipment | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | Not Used | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 21 | Fire Suppression | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | Not Used | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 22 | Plumbing | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | See Plumbing Drawings | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 23 | Heating, Ventilating, and Air Conditioning | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | See Mechanical Drawings | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 26 | Electrical | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | See Electrical Drawings | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 27 | Communications | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | Not Used | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 28 | Electronic Safety and Security | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | Not Used | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 31 | Earthwork | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | See Civil Drawings | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Division 32 | Exterior Improvements | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | See Landscape Drawings | 12-Mar-21 | N/A | 15-Mar-21 | None |
| 32 91 13 | Soil Preparation | 12-Mar-21 | N/A | 15-Mar-21 | 24-Mar-21 |
| 32 93 00 | Plants | 12-Mar-21 | N/A | 15-Mar-21 | 24-Mar-21 |
| 32 93 20 | Mulches | 12-Mar-21 | N/A | 15-Mar-21 | 24-Mar-21 |
| Division 33 | Utilities | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | Not Used | 12-Mar-21 | N/A | 15-Mar-21 | None |
| | APPENDICES | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Appendix A | Geotechnical Report | 12-Mar-21 | N/A | 15-Mar-21 | None |
| Appendix B | Pool Design Cut Sheets | 24-Mar-21 | N/A | 24-Mar-21 | None |

DRAWINGS

| Specification/ Drawing | Description | Drawing Date | Stamp Date | CORE Received Date | Revision |
|---------------------------|---|--------------|------------|--------------------|-----------|
| COVER SHEET | | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| G0.00 | GENERAL SHEET | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| G1.01 | GENERAL ACCESSIBILITY DETAILS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| C1 | Notes & Specifications | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| C2 | Existing Site & Demolition Plan | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| C3 | Construction Staging/ Access & Coverage Summary Plan | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| C4 | Overall Site Plan -Land Capabilities | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| C5 | Proposed Site Plan | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| C6 | Proposed Grading & Drainage Plan | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| C7 | Horizontal Control Plan | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| C8 | Details | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| C9 | Details | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| LI.01 | PLAN IRRIGATION | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| LI.02 | DETAILS IRRIGATION | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| LP.01 | PLAN PLANTING | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| LP.02 | DETAILS PLANTING | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| AE1.01 | LIFE SAFETY PLAN | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| AS1.01 | OVERALL SITE PLAN | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| AS1.11 | OVERALL SITE DIMENSION PLAN | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| AS2.11 | SITE DETAILS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| A1.01 | LOWER LEVEL FLOOR PLAN | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| S0 | STRUCTURAL GENERAL NOTES & SPECIAL INSPECTION | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |



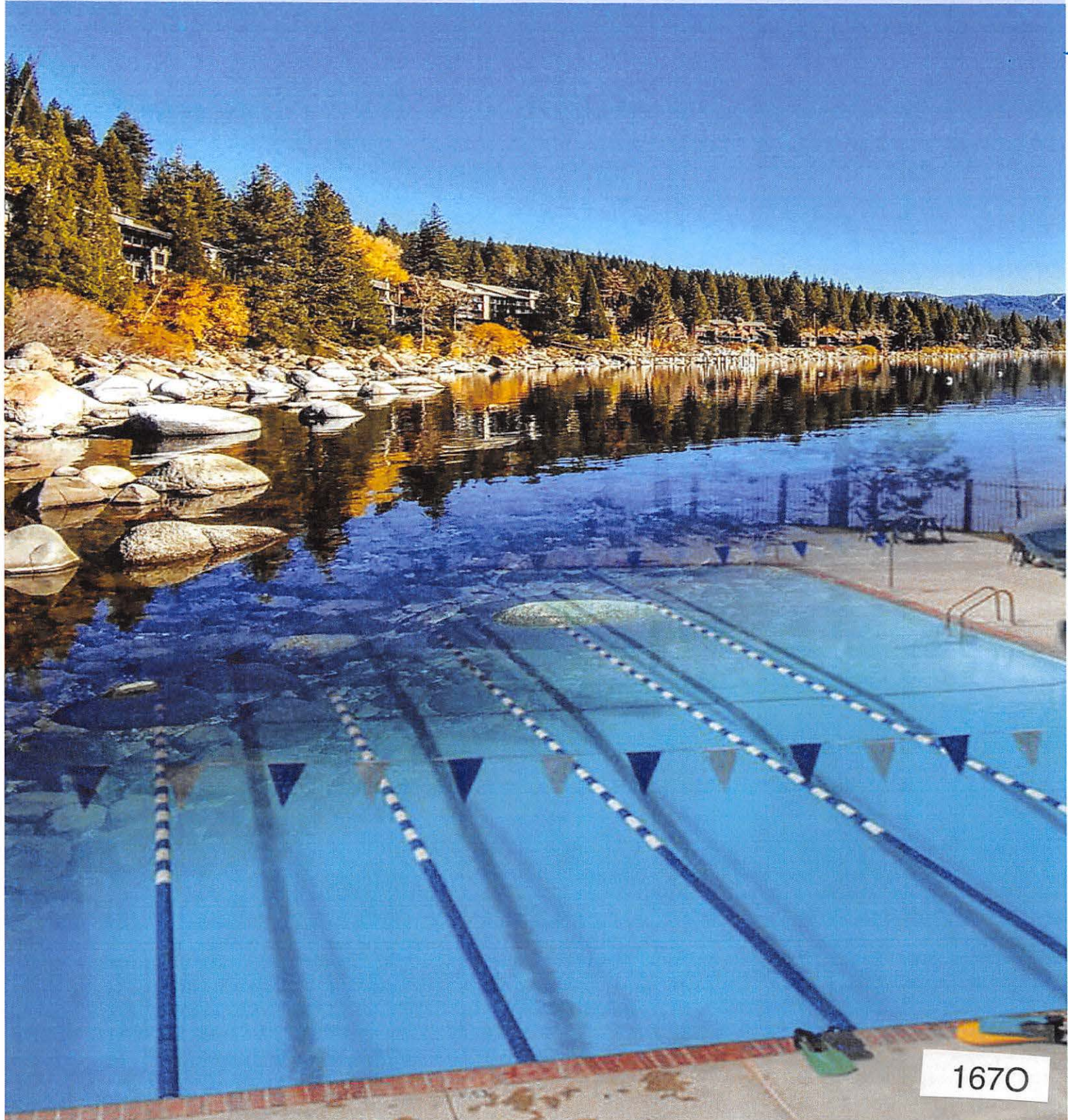
**ATTACHMENT C
ENUMERATION OF DOCUMENTS**

Burnt Cedar Beach - Pool Reconstruction

CORE Project No: TBD

| Specification/ Drawing | Description | Spec Date | Stamp Date | CORE Received Date | Revision |
|---------------------------|--|--------------|------------|--------------------|-----------|
| S0.1 | TYP. STRUCTURAL DETAILS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| S1 | STRUCTURAL SITE PLAN | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| S2 | ENLARGED STRUCTURAL SITE PLAN | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| SD1 | STRUCTURAL DETAILS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| SP-0 | SITE PLAN | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| SP-1 | SWIMMING POOL LAYOUT PLAN | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| SP-2 | SWIMMING POOL LAYOUT PLAN | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| SP-3 | SWIMMING POOL LAYOUT PLAN | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| SP-4 | SWIMMING POOL SECTIONS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| SP-5 | DETAILS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| SP-6 | DETAILS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| SP-7 | DETAILS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| SP-8 | DETAILS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| SP-9 | DETAILS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| SP-10 | DETAILS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| WP-1 | WADING POOL LAYOUT PLAN, PIPING PLAN AND SECTIONS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| MR-1 | MECHANICAL ROOM LAYOUT PLAN | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| MR-2 | DETAILS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| MR-3 | DETAILS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| MR-4 | DETAILS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| PO.00 | PLUMBING SYMBOLS AND ABBREVIATIONS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| PO.01 | PLUMBING SPECIFICATIONS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| PO.02 | PLUMBING DIAGRAMS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| P1.01 | OVERALL PLUMBING PLAN | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| P1.02 | ENLARGED PLUMBING PLAN | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| PS1.01 | PLUMBING SITE PLAN | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| E0.00 | ELECTRICAL SYMBOLS AND ABBREVIATIONS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| E0.01 | ELECTRICAL SPECIFICATIONS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| E0.02 | PARTIAL SINGLE LINE DIAGRAM, PANEL SCHEDULES, AND LOAD CALCS | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| E1.01 | OVERALL LOWER LEVEL ELECTRICAL PLAN | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| E1.02 | ENLARGED LOWER LEVEL ELECTRICAL PLAN | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| ED1.02 | ENLARGED LOWER LEVEL ELECTRICAL DEMOLITION PLAN | 12-Mar-21 | 12-Mar-21 | 15-Mar-21 | 30-Mar-21 |
| ADDENDUMS | | | | | |
| Addendums | Description | Drawing Date | Stamp Date | CORE Received Date | Revision |
| No. 1 | RFI's and SPECIFICATIONS | N/A | N/A | 24-Mar-21 | N/A |
| No. 2 | RFI's, SPECIFICATIONS, & PLAN SHEET REVISIONS | 30-Mar-21 | N/A | 30-Mar-21 | N/A |

4. PRELIMINARY SCHEDULE



1670

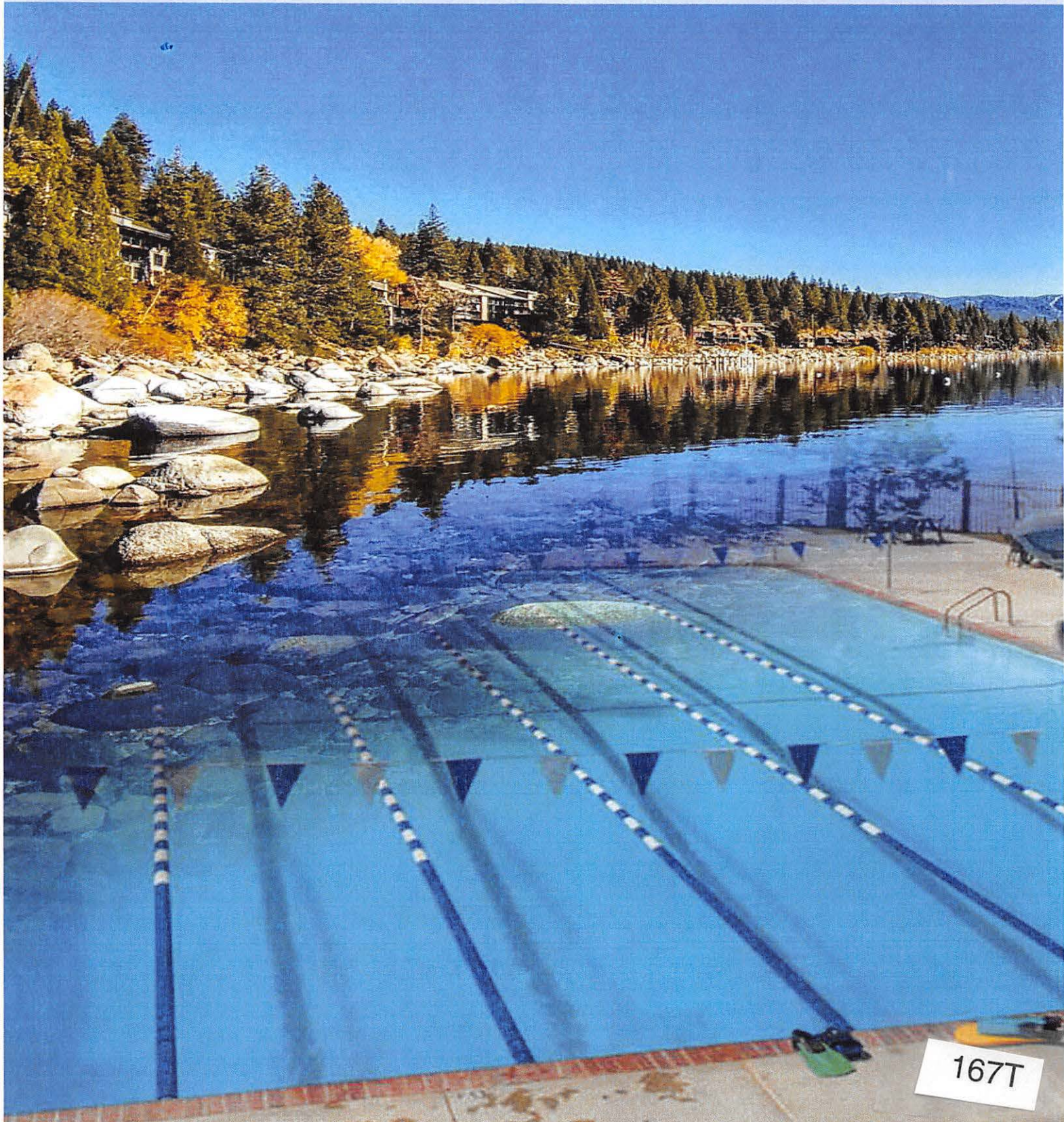


Burnt Cedar Beach - Pool Reconstruction

| ID | Task Name | Duration | Start | Finish | Gantt Chart | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|--|----------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|--|--|
| | | | | | Qtr 4, 2020 | Qtr 1, 2021 | Qtr 2, 2021 | Qtr 3, 2021 | Qtr 4, 2021 | Qtr 1, 2022 | Qtr 2, 2022 | Qtr 3, 2022 | | | | | | | | | | | | | | | | | | | | |
| | | | | | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | | | | | | |
| 0 | Burnt Cedar Beach - Pool Reconstruction | 418 d | Fri 10/16/20 | Wed 6/8/22 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Pre-Construction start | 135 d | Fri 10/16/20 | Wed 4/28/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | Preconstruction Complete | 0 d | Wed 4/28/21 | Wed 4/28/21 | [Milestone] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | Construction | 281 d | Sat 5/1/21 | Wed 6/8/22 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | Notice to Proceed and Permits Issued | 0 d | Sat 5/1/21 | Sat 5/1/21 | [Milestone] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | 2021 Grading Season Opens | 0 d | Sat 5/1/21 | Sat 5/1/21 | [Milestone] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | Procurement | 95 d | Mon 5/3/21 | Tue 9/14/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | Submittals | 20 d | Mon 5/3/21 | Fri 5/28/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | Submit Swimming Pool Shop Drawings | 20 d | Mon 5/3/21 | Fri 5/28/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | Submit Fencing & Gates Shop Drawings | 20 d | Mon 5/3/21 | Fri 5/28/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | Submit CMU Samples | 20 d | Mon 5/3/21 | Fri 5/28/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | Submit Concrete Reinforcing Shop Drawings | 20 d | Mon 5/3/21 | Fri 5/28/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | Submit Plumbing Submittals | 20 d | Mon 5/3/21 | Fri 5/28/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | Submit Mechanical Submittals | 20 d | Mon 5/3/21 | Fri 5/28/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | Submit Electrical Submittals | 20 d | Mon 5/3/21 | Fri 5/28/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | Deferred Submittals | 40 d | Mon 5/3/21 | Mon 6/28/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | Define (Swimming Pool?) | 40 d | Mon 5/3/21 | Mon 6/28/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | Submittal Review | 15 d | Tue 6/1/21 | Mon 6/21/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | Review of Swimming Pool Shop Drawings | 15 d | Tue 6/1/21 | Mon 6/21/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | Review of Fencing & Gates Shop Drawings | 15 d | Tue 6/1/21 | Mon 6/21/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | Review of CMU Samples | 15 d | Tue 6/1/21 | Mon 6/21/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | Review of Concrete Reinforcing Shop Drawings | 15 d | Tue 6/1/21 | Mon 6/21/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | Review of Plumbing Submittals | 15 d | Tue 6/1/21 | Mon 6/21/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | Review of Mechanical Submittals | 15 d | Tue 6/1/21 | Mon 6/21/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | Review of Electrical Submittals | 15 d | Tue 6/1/21 | Mon 6/21/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | Submittals Complete | 0 d | Mon 6/21/21 | Mon 6/21/21 | [Milestone] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | Long Lead Materials | 60 d | Tue 6/22/21 | Tue 9/14/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | Procure Swimming Pool Materials | 20 d | Tue 6/22/21 | Mon 7/19/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | Procure Swimming Pool Special Equipment? | 60 d | Tue 6/22/21 | Tue 9/14/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | Procure Fencing & Gates | 30 d | Tue 6/22/21 | Mon 8/2/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | Procure CMU | 40 d | Tue 6/22/21 | Mon 8/16/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 101 | Procure Concrete Reinforcing | 10 d | Tue 6/22/21 | Mon 7/5/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 102 | Procure Plumbing Materials | 60 d | Tue 6/22/21 | Tue 9/14/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 103 | Procure Mechanical Equipment | 60 d | Tue 6/22/21 | Tue 9/14/21 | [Gantt Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Task Summary Deadline Progress
 Milestone Project Summary Critical

5. SITE LOGISTICS PLAN

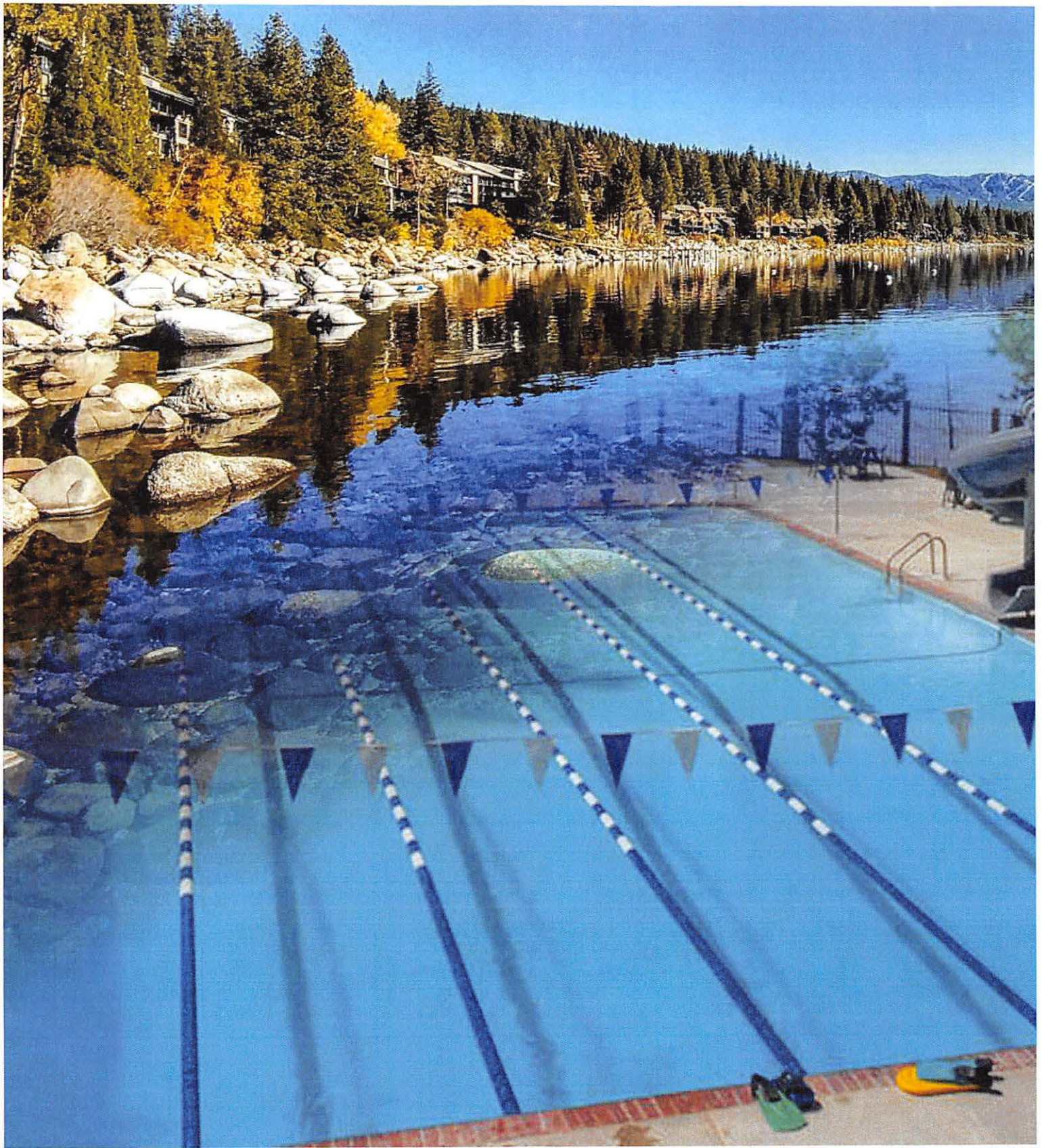


167T



SITE LOGISTICS PLAN





5330 Reno Corporate Drive | Reno, NV 89511
www.coreconstruction.com

167V

SHORT FORM AGREEMENT
between
INCLINE VILLAGE GENERAL IMPROVEMENT DISTRICT
and
TRI SAGE CONSULTING
for
PROFESSIONAL SERVICES

This Agreement is made as of date between **INCLINE VILLAGE GENERAL IMPROVEMENT DISTRICT (IVGID)**, hereinafter referred to as "Owner," and **TRI SAGE CONSULTING**, hereinafter referred to as "Consultant." Owner intends to complete the Project(s) as described in Attachment A, Consultant's Proposal dated March 23, 2021, and as amended from time to time, hereinafter referred to as the "Project."

1.0 BASIC SERVICES

The Consultant shall perform the following tasks and additional services as may be included from time to time by Additional Services Addendums (ASAs) to this Agreement in accordance with Paragraph 4.2, Additional Services:

Basic Services are as described in Attachment A, essentially consisting of Construction Administration and Inspection services for Owner's Burnt Cedar Swimming Pool Replacement Project.

All documentation, drawings, reports and invoices submitted for this project will include IVGID Purchase Order Number TBD.

2.0 OWNER'S RESPONSIBILITIES

Owner shall do the following in a timely manner so as not to delay the services of Consultant:

- 2.1** Designate in writing a person to act as Owner's representative with respect to services to be rendered under this Agreement. Such person shall have complete authority to transmit instructions, receive information, and interpret and define Owner's policies and decisions with respect to Consultant's services for the PROJECT.
- 2.2** Assist Consultant by placing at Consultant's disposal existing data, plans, reports and other information known to, in possession of, or under control of Owner which are relevant to the execution of Consultant's duties on the PROJECT. Also, provide all criteria and full information as to Owner's requirements for the Project, including design criteria, objectives and constraints, space, capacity and performance requirements, flexibility and expandability, and any budgetary limitations.

3.0 PERIODS OF SERVICE

3.1 **General.** The provisions of Section 3 and the various rates of compensation for Consultant's services provided for elsewhere in this Agreement have been agreed to in anticipation of the orderly and continuous progress of the Project through completion of the Services contained herein. Consultant's obligation to render services hereunder will extend for a period which may reasonably be required for the performance of Consultant's services and required extensions thereto. If specific periods of time for rendering services are set forth or specific dates by which services are to be completed are provided and if such dates are exceeded through no fault of Consultant, all rates, measures, and amounts of compensation provided herein shall be subject to equitable adjustment pursuant to Section 5.9.

3.2 Consultant agrees to exercise diligence in the performance of its services consistent with the agreed upon schedule, which is based upon an anticipated completion date of no later than December 8, 2021, subject, however, to the exercise of the generally accepted standard of care for performance of services.

4.0 PAYMENT TO CONSULTANT

4.1 Methods of Payment for Services and Expenses of Consultant

4.1.1 Compensation Terms Defined

"Reimbursable Expenses" shall mean the actual expenses incurred directly or indirectly in connection with the Project, including, but not limited to subconsultants or subconsultant costs, transportation and subsistence incidental thereto, obtaining bids or proposals from Consultant(s), toll telephone calls, express mail and telegrams, reproduction of Reports, Drawings, Specifications, Bidding Documents, and similar Project-related items in addition to those required under Section 1. In addition, Reimbursable Expenses will also include expenses incurred for main frame computer time and other highly specialized equipment, including photographic production.

4.1.2 **Basis and Amount of Compensation for Basic Services.** Compensation shall be as indicated in Attachment A, with a total amount of **Sixty-Nine Thousand Five Hundred Dollars (\$69,500.00)**, to be billed on a time and materials basis, as indicated in Attachment A. In no event shall compensation for any Activity identified in Attachment A exceed the amount set forth in the attachment.

4.2 Basis and Amount of Compensation for Additional Services

Compensation for additional services shall be on the basis agreed upon at the time of request for additional services. The estimated amount of additional services will be determined at the time the additional services are requested.

4.3 Intervals of Payments

Payments to Consultant for Basic and Additional Services rendered and Reimbursable Expenses incurred shall be made once every month by Owner. Consultant's invoices will be submitted once every month and will be based upon total services completed at the time of billing. Owner shall make prompt payments in response to Consultant's invoices. Invoices shall be sent to invoices@ivgid.org with a copy sent to RLR@ivgid.org.

4.4 Other Provisions Concerning Payments

- 4.4.1** If Owner fails to make any payment due Consultant for services and expenses within 30 days after receipt of Consultant's statement, the amounts due Consultant will be increased at the rate of one percent (1%) per month from date of Owner's receipt of invoice.
- 4.4.2** If the Project is suspended or abandoned in whole or in part for more than 90 days, Consultant shall be compensated for all services performed prior to receipt of written notice from the Owner of such suspension or abandonment, together with Reimbursable Expenses then due.
- 4.4.3** If any items in any invoices submitted by Consultant are disputed by Owner for any reason, including the lack of supporting documentation, Owner may temporarily delete the disputed item and pay the remaining amount of the invoice. Owner shall promptly notify Consultant of the dispute and request clarification and/or remedial action. After any dispute has been settled, Consultant shall include the disputed item on a subsequent regularly scheduled invoice or on a special invoice.

5.0 GENERAL CONSIDERATIONS

5.1 Termination

- 5.1.1** This Agreement may be terminated in writing by either party in the event of substantial failure by the other party to fulfill its obligations under this Agreement through no fault of the terminating party. However, no termination for default may be initiated unless the other party is given a ten (10) calendar day cure period after written notice (delivery by certified mail, return receipt requested) of intent to terminate.
- 5.1.2** This Agreement may be terminated in writing (delivered by certified mail, return receipt requested) by Owner for its convenience.
- 5.1.3** Upon any termination, Consultant shall (1) promptly discontinue all Services affected (unless a termination notice from Owner directs otherwise); and (2) deliver or otherwise make available to Owner upon full payment for services rendered to the date of termination, all documents, data, drawings, specifications, reports, estimates, summaries, and such other information and materials as may have been accumulated by Consultant in performing this Agreement, whether such materials are completed or in process. All payments due Consultant at termination shall be made by Owner.

5.2 Ownership of Documents

The original documents, plans, electronic files, studies or reports prepared under this Agreement, for which the Owner pays compensation to the Consultant, except for working notes and internal documents, shall become and remain the property of the Owner, and upon payment of said compensation, shall be surrendered to the Owner upon the completion of the Work under this Agreement or on the completion of specific phases of the Work, if requested by the Owner. All deliverables in Attachment A shall be provided to Owner regardless of whether requested by Owner. The Consultant may retain copies of said work in their files, but such work shall not be released to any other party or reused by the Consultant without the express written consent of the Owner. Reuse of any of these drawings, specifications or other work products of the Consultant by the Owner for other than the specific project covered in this Agreement without the written permission of the Consultant shall be at the Owner's risk, provided that the Consultant shall not be liable for any claims or damages arising out of such unauthorized reuse by the Owner or by other's actions through the Owner.

5.3 Professional Liability Insurance

5.3.1 Consultant shall maintain professional liability insurance for protection against claims arising out of performance of services under this Agreement caused by negligent acts, errors, or omissions for which "PROFESSIONAL SERVICES" is legally liable for a period of five (5) years thereafter, if available and reasonably affordable. The professional liability policy shall provide a minimum coverage of \$1,000,000. Consultant shall maintain the existing retroactive date on all future policies with the same insurance company and attempt to do so if Consultant changes insurance companies. In the event that Consultant goes out of business during the instant period, Consultant shall purchase, at the request of Owner, an extended reporting period.

5.3.2 Should Consultant's normal professional liability coverage be less than the minimum required amount, Consultant may purchase project insurance or obtain a rider on his normal policy in an amount sufficient to bring Consultant's coverage up to minimum requirements.

5.4 Controlling Law

This Agreement is to be governed by and construed in accordance with the Laws of the State of Nevada.

5.5 Successors and Assigns

5.5.1 The parties hereby bind their respective partners, successors, executors, administrators, legal representatives, and, to the extent permitted by Paragraph 5.5.2, their assigns, to the terms, conditions, and covenants of this Agreement.

5.5.2 Neither Owner nor Consultant shall assign, sublet, or transfer any rights under or interest in this Agreement (including, but without limitation, monies that may become due or monies that are due) without the written consent of the other, except to the extent that any assignment, subletting or transfer is mandated by law or the effect of this limitation may be restricted by law.

Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement. Nothing contained in this paragraph shall prevent Consultant from employing such independent professional associates, subconsultants, and consultants as Consultant may deem appropriate to assist in the performance of Services.

5.5.3 Except as may be expressly stated otherwise in this Agreement, nothing under this Agreement shall be construed to give any rights or benefits in this Agreement to anyone other than Owner and Consultant, and all duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of Owner and Consultant and not for the benefit of any other party.

5.6 Dispute Resolution

This Agreement to engage in alternate dispute resolution (“ADR”) pursuant to NRS 338.150 and any other Agreement or consent to engage in ADR entered into in accordance herewith as provided in this Section 5.6 will be specifically enforceable under the prevailing Nevada law in the Second Judicial District Court of the State of Nevada in and for the County of Washoe. Any dispute arising under this contract will be sent to mediation. Any mediation shall occur in Incline Village, Washoe County, Nevada. The mediation shall be conducted through the American Arbitration Association (AAA) and be governed by the AAA’s Mediation Procedures.

The mediator is authorized to conduct separate or ex parte meetings and other communications with the parties and/or their representatives, before, during and after any scheduled mediation conference. Such communications may be conducted via telephone, in writing, via email, online, in person or otherwise.

Owner and Consultant are encouraged to exchange all documents pertinent to the relief requested. The mediator may request the exchange of memorandum on all pertinent issues. The mediator does not have the authority to impose a settlement on the parties but such mediator will attempt to help Owner and Consultant reach a satisfactory resolution of their dispute. Subject to the discretion of the mediator, the mediator may make oral or written recommendations for settlement to a party privately, or if the parties agree, to all parties jointly.

Owner and Consultant shall participate in the mediation process in good faith. The mediation process shall be concluded within sixty (60) days of a mediator being assigned.

In the event of a complete settlement of all or some issues in dispute is not achieved within the scheduled mediation session(s), the mediator may continue to communicate with the parties, for a period of time, in an ongoing effort to facilitate a complete settlement. Any settlement agreed upon during mediation shall become binding if within thirty (30) days after the date that any settlement agreement is signed, either the Owner or Consultant fails to object or withdraw from the agreement. If mediation shall be unsuccessful, either Owner or Consultant may then initiate judicial proceedings by filing suit. Owner and Consultant will share the cost of mediation equally unless agreed otherwise.

5.7 Equal Employment and Non-Discrimination

In connection with the Services under this Agreement, Consultant agrees to comply with the applicable provisions of State and Federal Equal Opportunity statutes and regulations.

5.8 Indemnification and Legal Fees

- 5.8.1 Consultant agrees to defend, indemnify and hold harmless the public body, and the employees, officers and agents of Owner from any liabilities, damages, losses, claims, actions or proceedings, including, without limitation, reasonable attorneys' fees and costs, to the extent that such liabilities, damages, losses, claims, actions or proceedings are caused by the negligence, errors, omissions, recklessness or intentional misconduct of the Consultant or the employees or agents of Consultant in the breach of performance of the contract. If the insurer by which the Consultant is insured against professional liability does not so defend Owner and the employees, officers and agents of Owner and the Consultant is adjudicated to be liable by a trier of fact, the trier of fact shall award reasonable attorney's fees and costs to be paid to Owner by the Consultant in an amount which is proportionate to the liability of the design Consultant. As used in this section, "agents" means those persons who are directly involved in and acting on behalf of Owner or Consultant, as applicable, in furtherance of the contract or the public work to which the contract pertains.
- 5.8.2 As respects all acts or omissions which do not arise directly out of the performance of professional services, including but not limited to those acts or omissions normally covered by general and automobile liability insurance, Consultant agrees to indemnify, defend (at Owner's option), and hold harmless Owner, its officers, agents, employees, and volunteers from and against any and all claims, demands, defense costs, or liability arising out of any acts or omissions of Consultant (or Sub-contractor, if any) while acting under the terms of this Agreement; excepting those which arise out of the negligence, errors, omissions, recklessness or intentional misconduct of the employees, officers or agents of Owner.
- 5.8.3 The obligations of each indemnifying party hereunder shall not be construed to negate, abridge, or otherwise reduce any other right or obligation of indemnity which would otherwise exist as to any party or person described in this section. The indemnification shall not be diminished or limited in any way to the total limits of insurance required in this contract or otherwise available to the indemnifying party. If the liability is asserted by an employee of an indemnifying party, the indemnification herein is not limited to damages, compensation or benefits payable by or for the indemnifying party under worker's compensation acts, disability benefit acts or other employee benefit acts. Each indemnifying party shall be permitted to participate, if it chooses, in the defense of any action claiming liability, even if the indemnified party is indemnified hereunder. Either party may set off any of its rights under this subsection against any consideration it provides under this agreement. The obligations to indemnify and save harmless herein survive the expiration or termination of this Agreement.
- 5.8.4 The prevailing party in any litigation between Owner and Consultant regarding this Agreement shall be entitled to recover its reasonable attorneys' fees and costs. The hourly rate for such fees shall not exceed the rate paid by Owner.

5.9 Changes and Modifications

The parties agree that no change or modification to this Agreement, or any attachments hereto, shall have any force or effect unless approved by both parties in a written amendment to this Agreement. Such amendment shall be authorized and signed in the same manner as this Agreement.

5.10 Licenses

Consultant shall have a Washoe County business license, and all appropriate Consultant's licenses and certifications for the services to be performed.

5.11 Severability

In the event any provision of this Agreement shall be held invalid and unenforceable, the remaining provisions shall be valid and binding upon the parties.

5.12 Waiver

One or more waivers by either party of any provision, term, condition, or covenant shall not be construed by the other party as a waiver of a subsequent breach of the same by the other party.

5.13 Extent of Agreement

This Agreement, including all Attachments, and any and all amendments, modifications, and supplements duly executed by the parties in accordance with this Agreement, govern and supersede any and all inconsistent or contradictory terms, prior oral or written representations or understandings, conditions, or provisions set forth in any purchase orders, requisition, request for proposal, authorization of services, notice to proceed, or other form or document issued by Owner with respect to the Project or Consultant's services.

IN WITNESS WHEREOF, the parties hereto have set their hands the day and date of the year first set forth above.

OWNER:
INCLINE VILLAGE G. I. D.
Agreed to:

CONSULTANT:
TRI SAGE CONSULTING
Agreed to:

By:

By:

Brad B. Underwood, P. E.
Director of Public Works

Signature of Authorized Agent

Print or Type Name and Title

Date

Date

Approved as to Form:

Joshua Nelson
District General Counsel

If Contractor is a corporation, attach evidence of authority to sign.

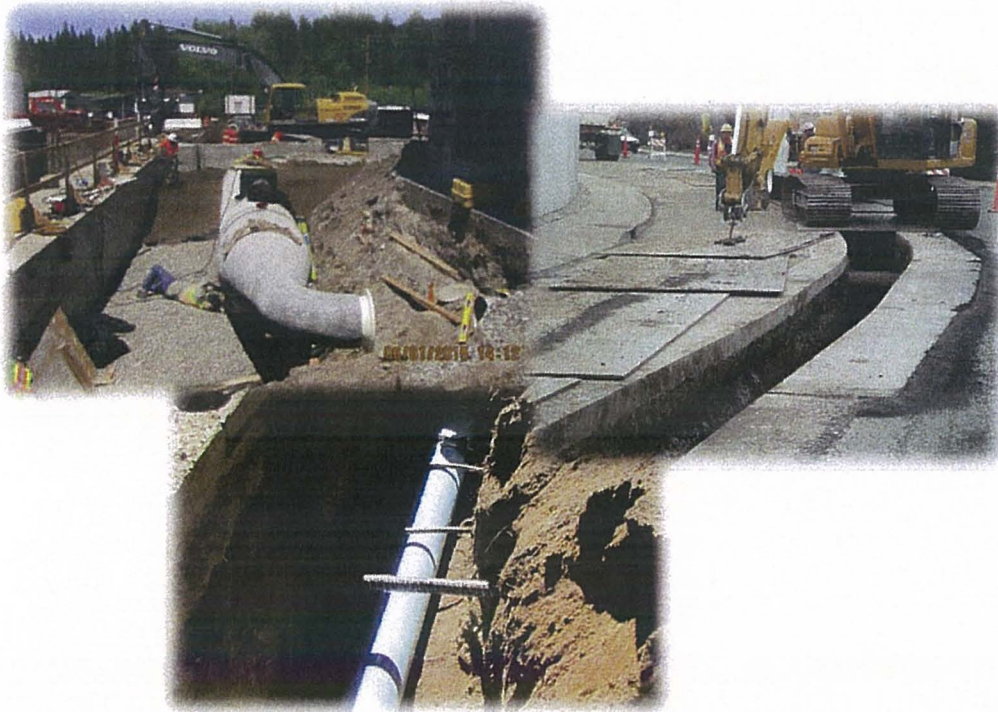
Date

Owner's address for giving notice:
INCLINE VILLAGE G. I. D.
893 Southwood Boulevard
Incline Village, Nevada 89451
775-832-1267- Engineering Div. Phone

Contractor's address for giving notice:
TRI SAGE CONSULTING
5418 Longley Lane, Suite A
Reno, Nevada 89511
775-336-1300



INCLINE VILLAGE GENERAL IMPROVEMENT DISTRICT
Construction Administration and Inspection Proposal for the 2021
Burnt Cedar Swimming Pool Replacement Project



TRI SAGE CONSULTING

5418 LONGLEY LANE, SUITE A, RENO, NV 89511

TELEPHONE: 775.336.1300

FAX: 775.336.1306

KSCHLICHTING@TRISAGE.COM

WWW.TRISAGE.COM



UTILITY SOLUTIONS. ENGINEERED.

5418 Longley Lane, Suite A Reno, NV 89511
P.O. Box 18894 Reno, NV 89511

Phone: (775) 336-1301

Fax: (775) 336-1306

March 23, 2021

Nathan Chorey, PE
Engineering Manager
Incline Village General Improvement District
1220 Sweetwater
Incline Village, NV 89451

**Re: Construction Management Services Proposal
2021 Burnt Cedar Swimming Pool Replacement Project**

Dear Nathan,

Tri Sage Consulting is pleased to provide the following proposal to IVGID in support of your 2021 Burnt Cedar Swimming Pool Replacement Project.

Once you have had a chance to review this document, please call me to discuss any questions you may have. We appreciate this opportunity and look forward to the possibility of our continued working relationship with you and your team.

Sincerely,

A handwritten signature in cursive script that reads "Karen Schlichting".

Karen Schlichting
Principal, Tri Sage Consulting

CONSTRUCTION ADMINISTRATION PROPOSAL FOR IVGID 2021 BURNT CEDAR SWIMMING POOL REPLACEMENT PROJECT

Tri Sage Consulting understands that IVGID is currently in the process of finalizing the construction bidding process for the 2021 Burnt Cedar Swimming Pool Replacement Project. Tri Sage has previously provided field construction administration for IVGID on other construction projects and is available to support the IVGID team for this 2021 effort. Mr. Kelly Djukanovich has worked on similar projects and is able to support this effort. Based on your email, we understand that a part time (50% coverage) would be desirable by IVGID. We are able to accommodate this and increase support if needed as the project progresses. The details of our proposal are as follows:

PROPOSED SCOPE OF WORK

Tri Sage Consulting proposes to provide the following services on behalf of IVGID during the construction phase of the 2021 Burnt Cedar Swimming Pool Replacement Project.

PROPOSED ON-SITE APPROACH

Specifically, Mr. Kelly Djukanovich is available to function as the on-site IVGID representative, acting as the primary contact (i.e. Project Representative) and is able to competently oversee compliance with the contract documents and design drawings and specifications. Acting on behalf of IVGID, Kelly will be able to coordinate responses to engineering questions with the Owner's design consultants, as well as identify and help resolve issues as they occur during construction.

Tri Sage Consulting proposes to provide the following services on behalf of IVGID during the construction of this Project:

Document review:

- Review construction documents prior to the preconstruction meeting to assist in identifying potential problems and conflicts that may arise in the field.

Site Coordination:

- Coordinate contractor technical submittals and drawings with IVGID Project Manager and/or the project engineer,
- Verify compliance with the requirements of permits,
- Monitor "work in progress" for compliance with the contract documents, including technical specifications and project drawings,

- Verify required testing is completed within specification and to the satisfaction IVGID Project Manager,
- Coordinate work between multiple contractors, and IVGID personnel as required,
- Provide coordination of design issues, unforeseen conditions, and other site-specific issues with IVGID Project Manager and/or the project engineer for resolution and issue contractor work directives as required. Offer recommendations as applicable

Contract Administration:

- Review contractor change requests and recommend resolutions to IVGID Project Manager as required,
- Review and recommend contractor “Request for Payment”,
- Provide change orders, payment requests, other documentation and logs to IVGID Project Manager as requested.
- Verify project deliverables including “red line” drawings, O&M manuals, etc. are submitted in compliance with Final Completion requirements,
- Issue notices of non-compliance, substantial completion and final completion as directed by IVGID Project Manager,

Project Reporting:

- Provide weekly progress and schedule reports to the IVGID Project Manager,

General Administration:

- Maintain daily log of work at the site, including progress, site issues, visitors, inspections, etc.
- Attend meetings as required by IVGID Project Manager to address project related progress, issues, etc.

PROPOSED STAFF

Tri Sage has established a highly specialized utility QA inspection team over the past 18 years of its operation. Included in this team are professionals with both electric and water experience. Tri Sage has a high retention rate of employees and is able to commit this team for the duration of the project.

To provide full coverage, Tri Sage is proposing Mr. Walt Saner as the assigned Construction Administrator, and Mr. Jamie Lohmeyer will be available to step into a supportive role of Project Site Representative in the event that Walt has any appointments or ill days during this period.

Kelly Djukanovich, Construction Administrator

Mr. Djukanovich has over 25 years of specific hands-on utility construction, and utility inspection experience. He began his career in construction, working with foundations, building installation and overall general carpentry. From this work, he entered the utility industry through employment with AT&T. After five years of work in the telephone industry, he went to work with NV Energy where he worked in several different departments. He learned a broad view of the utility prior to entering the Electrical Apprentice Program. This broad experience has allowed Kelly to develop a strong base of experience within the utility industry. In 2016 he joined Tri Sage in the role of Construction Administrator / Quality Assurance Inspector. He brings a wide breadth of knowledge for inspecting construction facilities. He works well with all levels of management and field personnel and is able to bring a thoughtful resolution to issues as they arise. Mr. Djukanovich enjoys working with customer teams and is looking forward to developing a relationship with the IVGID team.

Jamie Lohmeyer, Associate Engineer (back-up Construction Administrator)

Mr. Lohmeyer joined Tri Sage in 2019. He will be available to provide support and back up to Kelly in the event it is needed during the duration of the project. Jamie brings a diverse background of life experience that includes his leadership as a Sergeant in the Marines and his role as a Military Weapons Tactical Instructor. Since joining Tri Sage, Jamie has been trained in civil engineering design as well as field administration and quality assurance inspection. For this project, Jamie will be available to step in and cover the project in the event that Kelly needs a few days off. While this is not anticipated, Kelly's son is getting married so there will be one week where this back-up coverage will be needed.

EXPERIENCE WITH SIMILAR WATER PROJECTS

Below are details of the water projects on which we have provided inspection services in the most recent years, with highlight of IVGID projects:

IVGID's Water Mains and Fire Flow Enhancement Project. (2014, 2015, 2016, 2017 and 2020) QA Inspector. Mr. Walt Saner and Mr. Jim Demuth have historically provided construction representative and QA Inspection for the on-going system enhancements being completed by IVGID for their water main and fire flow facilities. The scope of this on-going annual project

includes installation and modifications of water facilities at various locations throughout the IVGID territory in support of fire flow enhancement.

IVGID's Incline Creek CMP Rehabilitation Project (2018) Construction Management and QA Inspector. Tri Sage previously provided support to IVGID with their Construction Manager at Risk (CMAR) services for the 2018 Incline Creek CMP Rehabilitation Project. This project is located in the Diamond Peak Ski Resort Area and surrounding area. Tri Sage supported this project by providing drawing/design and constructability review during the engineering and planning process as well as the infield Construction Management.

IVGID's Effluent Pipeline Replacement Project (2017) Construction Management and QA Inspector. This project is located in Incline Village and occurred during September and October of 2017. Tri Sage was retained to provide full time onsite inspection, during both day and night installation due to traffic management. The scope consisted of the removal and replacement of a 16-inch effluent pipeline using an open cut construction method. The scope included all aspects necessary to replace this effluent pipeline, including protection of all existing facilities, support of utilities, dewatering if needed, potholing, placement of bedding material backfill, and re-paving as needed. Other aspects included appropriate traffic control, compliance with SWPPP requirements, and full compliance with all contract and engineering documents.

Kingsbury GID Water Treatment Plan Project (2014-2015) Construction Manager & QA Inspector. Tri Sage previously provided on site CM and QA for the full construction of the KGID new water treatment facility. This was a CMAR project on which Tri Sage provided the site representation. The project was complex and dealt with multiple permitting conditions with the construction occurring close to the shore of Lake Tahoe.

TMWA Eastman Ditch and Glendale Diversion Flood Repairs (2017) Construction Inspector / QA Inspector. The Truckee Meadows Water Authority, TMWA, is the owner and operator of the Glendale Water Treatment Plant which diverts water from the Truckee River. The plant has a diversion structure on the Truckee River including a concrete intake channel with a rock lined riverbed. Across the river from the plant intake structure is the Eastman Ditch. At the head of the Eastman Ditch TMWA owns a control structure which is critical for establishing the pool elevation on the river upstream of the plant intake structure. During January 9, 2017 flood event on the Truckee River, the Eastman Ditch structure was damaged when high flows washed out the bank materials on both ends of the structure concrete structures. In Addition, the high flows from this event caused erosion damage along the intake structure and exposed the concrete footings by displacing the large rock bedding materials from this area. Tri Sage was retained to conduct the permitting of repairs and the QA inspection of this installations/repairs.

TMWA's Fleish Flume Removal and Repair (Phase 1 effort in 2010, Phase 2 effort in 2015 - 2016)

Construction Inspector – Site Representative. Tri Sage was contracted by the Truckee Meadows Water Authority to prepare a monitoring plan and also manage the construction of a flume rebuild located on the boarder of Nevada and California along the Truckee River Corridor. The assigned Tri Sage team conducted on site Field Representation for TMWA on this project. This effort involved the replacement of over ½ mile of wooden flume with a new, steel fabricated flume structure. This was a multiple phase approach with removal and additional repairs occurring in 2015 following a 2010 repair effort. Mr. Jim Demuth and Ms. Alissa Turner provided the in-field QA support for this effort.

PROJECT COST ESTIMATE

The following cost proposal is based on a time and expense approach. For costing, Tri Sage has assumed a Construction Period from May 1st to December 8th with the anticipation that our inspector will work on average 2 ½ days per week. To provide the most efficient site observation as possible, we will seek to limit our drive time. We anticipate that each week an assessment will be made as to which two or three days will be the most efficient to be on site. Some weeks may only require one or two days, with others requiring three or four days. This equates to approximately 32 weeks of part-time effort, assumed average of 20 hours per week. Workdays are assumed to be 8 hours per day. As always, Tri Sage will only bill for those hours actually expended by Mr. Djukanovich.

| | |
|--|----------------------------|
| Normal Hourly Rate | \$ 100.00/hour |
| Total Proposed CM Hours (Not to Exceed) | 640 hours |
| Mileage (at federal rate) | \$5,500.00 |
| TOTAL NOT-TO-EXCEED AMOUNT FOR THIS PROJECT | <u>\$ 69,500.00</u> |

Notes:

- 1. Only actual time spent will be billed to IVGID.
- 2. For any overtime (time beyond 40 hours/week), Tri Sage will bill at the normal hourly rate.

PROJECT NOT-TO-EXCEED ESTIMATE.....\$69,500.00

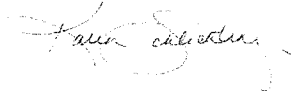
DIVERSITY CLAUSE

Tri Sage Consulting discloses that it is a Women Minority Business Enterprise (WBE) as certified by the WBENC Federal Certification Agency. Tri Sage also holds a Disadvantaged Business Enterprise (DBE) Certification through NDOT. Certificates are available if needed.

PROPOSAL ENDORSEMENT

This proposal is submitted to IVGID for consideration of the above scope of work. It is submitted by:

Tri Sage Consulting



SHORT FORM AGREEMENT
between
INCLINE VILLAGE GENERAL IMPROVEMENT DISTRICT
and
RENO TAHOE GEO ASSOCIATES, INC.
for
PROFESSIONAL SERVICES

This Agreement is made as of April 9, 2021 between **INCLINE VILLAGE GENERAL IMPROVEMENT DISTRICT (IVGID)**, hereinafter referred to as "Owner," and **RENO TAHOE GEO ASSOCIATES, INC.**, hereinafter referred to as "Consultant." Owner intends to complete the Project(s) as described in Attachment A, Consultant's Cost Estimate, Fee Schedule and Additional Work Order Task 2, and as amended from time to time.

1.0 BASIC SERVICES

The Consultant shall perform the following tasks and additional services as may be included from time to time by Additional Services Addendums (ASAs) to this Agreement in accordance with Paragraph 4.2, Additional Services:

Basic Services are as described in Attachment A, essentially consisting of special inspection and materials testing services during the Owner's Burnt Cedar Beach Swimming Pool Reconstruction Project. hereinafter referred to as the "Project."

All documentation, drawings, reports and invoices submitted for this project will include IVGID Purchase Order Number **21-0200**.

2.0 OWNER'S RESPONSIBILITIES

Owner shall do the following in a timely manner so as not to delay the services of Consultant:

- 2.1** Designate in writing a person to act as Owner's representative with respect to services to be rendered under this Agreement. Such person shall have complete authority to transmit instructions, receive information, and interpret and define Owner's policies and decisions with respect to Consultant's services for the Project.
- 2.2** Assist Consultant by placing at Consultant's disposal existing data, plans, reports and other information known to, in possession of, or under control of Owner which are relevant to the execution of Consultant's duties on the Project. Also, provide all criteria and full information as to Owner's requirements for the Project, including design criteria, objectives and constraints, space, capacity and performance requirements, flexibility and expandability, and any budgetary limitations.

3.0 PERIODS OF SERVICE

3.1 **General.** The provisions of Section 3 and the various rates of compensation for Consultant's services provided for elsewhere in this Agreement have been agreed to in anticipation of the orderly and continuous progress of the Project through completion of the Services contained herein. Consultant's obligation to render services hereunder will extend for a period which may reasonably be required for the performance of Consultant's services and required extensions thereto. If specific periods of time for rendering services are set forth or specific dates by which services are to be completed are provided and if such dates are exceeded through no fault of Consultant, all rates, measures, and amounts of compensation provided herein shall be subject to equitable adjustment pursuant to Section 5.9.

3.2 Consultant agrees to exercise diligence in the performance of its services consistent with the agreed upon schedule, which is based upon an anticipated completion date of no later than January 1, 2022, subject, however, to the exercise of the generally accepted standard of care for performance of services.

4.0 PAYMENT TO CONSULTANT

4.1 Methods of Payment for Services and Expenses of Consultant

4.1.1 Compensation Terms Defined

"Reimbursable Expenses" shall mean the actual expenses incurred directly or indirectly in connection with the Project, including, but not limited to subconsultants or subconsultant costs, transportation and subsistence incidental thereto, obtaining bids or proposals from Consultant(s), toll telephone calls, express mail and telegrams, reproduction of Reports, Drawings, Specifications, Bidding Documents, and similar Project-related items in addition to those required under Section 1. In addition, Reimbursable Expenses will also include expenses incurred for main frame computer time and other highly specialized equipment, including photographic production.

4.1.2 **Basis and Amount of Compensation for Basic Services.** Compensation shall be as indicated in Attachment A, with a total amount of **Twenty-One Thousand Dollars (\$21,000.00)**, to be billed on a time and materials basis, as indicated in Attachment A. In no event shall compensation for any Activity identified in Attachment A exceed the amount set forth in the attachment.

4.2 Basis and Amount of Compensation for Additional Services

Compensation for additional services shall be on the basis agreed upon at the time of request for additional services. The estimated amount of additional services will be determined at the time the additional services are requested.

4.3 Intervals of Payments

Payments to Consultant for Basic and Additional Services rendered and Reimbursable Expenses incurred shall be made once every month by Owner. Consultant's invoices will be submitted once every month and will be based upon total services completed at the time of billing. Owner shall make prompt payments in response to Consultant's invoices. Invoices shall be sent to invoices@ivgid.org with a copy sent to RLR@ivgid.org.

4.4 Other Provisions Concerning Payments

- 4.4.1** If Owner fails to make any payment due Consultant for services and expenses within 30 days after receipt of Consultant's statement, the amounts due Consultant will be increased at the rate of one percent (1%) per month from date of Owner's receipt of invoice.
- 4.4.2** If the Project is suspended or abandoned in whole or in part for more than 90 days, Consultant shall be compensated for all services performed prior to receipt of written notice from the Owner of such suspension or abandonment, together with Reimbursable Expenses then due.
- 4.4.3** If any items in any invoices submitted by Consultant are disputed by Owner for any reason, including the lack of supporting documentation, Owner may temporarily delete the disputed item and pay the remaining amount of the invoice. Owner shall promptly notify Consultant of the dispute and request clarification and/or remedial action. After any dispute has been settled, Consultant shall include the disputed item on a subsequent regularly scheduled invoice or on a special invoice.

5.0 GENERAL CONSIDERATIONS

5.1 Termination

- 5.1.1** This Agreement may be terminated in writing by either party in the event of substantial failure by the other party to fulfill its obligations under this Agreement through no fault of the terminating party. However, no termination for default may be initiated unless the other party is given a ten (10) calendar day cure period after written notice (delivery by certified mail, return receipt requested) of intent to terminate.
- 5.1.2** This Agreement may be terminated in writing (delivered by certified mail, return receipt requested) by Owner for its convenience.
- 5.1.3** Upon any termination, Consultant shall (1) promptly discontinue all Services affected (unless a termination notice from Owner directs otherwise); and (2) deliver or otherwise make available to Owner upon full payment for services rendered to the date of termination, all documents, data, drawings, specifications, reports, estimates, summaries, and such other information and materials as may have been accumulated by Consultant in performing this Agreement, whether such materials are completed or in process. All payments due Consultant at termination shall be made by Owner.

5.2 Ownership of Documents

The original documents, plans, electronic files, studies or reports prepared under this Agreement, for which the Owner pays compensation to the Consultant, except for working notes and internal documents, shall become and remain the property of the Owner, and upon payment of said compensation, shall be surrendered to the Owner upon the completion of the Work under this Agreement or on the completion of specific phases of the Work, if requested by the Owner. All deliverables in Attachment A shall be provided to Owner regardless of whether requested by Owner. The Consultant may retain copies of said work in their files, but such work shall not be released to any other party or reused by the Consultant without the express written consent of the Owner. Reuse of any of these drawings, specifications or other work products of the Consultant by the Owner for other than the specific project covered in this Agreement without the written permission of the Consultant shall be at the Owner's risk, provided that the Consultant shall not be liable for any claims or damages arising out of such unauthorized reuse by the Owner or by other's actions through the Owner.

5.3 Professional Liability Insurance

5.3.1 Consultant shall maintain professional liability insurance for protection against claims arising out of performance of services under this Agreement caused by negligent acts, errors, or omissions for which "PROFESSIONAL SERVICES" is legally liable for a period of five (5) years thereafter, if available and reasonably affordable. The professional liability policy shall provide a minimum coverage of \$1,000,000. Consultant shall maintain the existing retroactive date on all future policies with the same insurance company and attempt to do so if Consultant changes insurance companies. In the event that Consultant goes out of business during the instant period, Consultant shall purchase, at the request of Owner, an extended reporting period.

5.3.2 Should Consultant's normal professional liability coverage be less than the minimum required amount, Consultant may purchase project insurance or obtain a rider on his normal policy in an amount sufficient to bring Consultant's coverage up to minimum requirements.

5.4 Controlling Law

This Agreement is to be governed by and construed in accordance with the Laws of the State of Nevada.

5.5 Successors and Assigns

5.5.1 The parties hereby bind their respective partners, successors, executors, administrators, legal representatives, and, to the extent permitted by Paragraph 5.5.2, their assigns, to the terms, conditions, and covenants of this Agreement.

5.5.2 Neither Owner nor Consultant shall assign, sublet, or transfer any rights under or interest in this Agreement (including, but without limitation, monies that may become due or monies that are due) without the written consent of the other, except to the extent that any assignment, subletting or transfer is mandated by law or the effect of this limitation may be restricted by law.

Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement. Nothing contained in this paragraph shall prevent Consultant from employing such independent professional associates, subconsultants, and consultants as Consultant may deem appropriate to assist in the performance of Services.

- 5.5.3** Except as may be expressly stated otherwise in this Agreement, nothing under this Agreement shall be construed to give any rights or benefits in this Agreement to anyone other than Owner and Consultant, and all duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of Owner and Consultant and not for the benefit of any other party.

5.6 Dispute Resolution

This Agreement to engage in alternate dispute resolution (“ADR”) pursuant to NRS 338.150 and any other Agreement or consent to engage in ADR entered into in accordance herewith as provided in this Section 5.6 will be specifically enforceable under the prevailing Nevada law in the Second Judicial District Court of the State of Nevada in and for the County of Washoe. Any dispute arising under this contract will be sent to mediation. Any mediation shall occur in Incline Village, Washoe County, Nevada. The mediation shall be conducted through the American Arbitration Association (AAA) and be governed by the AAA’s Mediation Procedures.

The mediator is authorized to conduct separate or ex parte meetings and other communications with the parties and/or their representatives, before, during and after any scheduled mediation conference. Such communications may be conducted via telephone, in writing, via email, online, in person or otherwise.

Owner and Consultant are encouraged to exchange all documents pertinent to the relief requested. The mediator may request the exchange of memorandum on all pertinent issues. The mediator does not have the authority to impose a settlement on the parties but such mediator will attempt to help Owner and Consultant reach a satisfactory resolution of their dispute. Subject to the discretion of the mediator, the mediator may make oral or written recommendations for settlement to a party privately, or if the parties agree, to all parties jointly.

Owner and Consultant shall participate in the mediation process in good faith. The mediation process shall be concluded within sixty (60) days of a mediator being assigned.

In the event of a complete settlement of all or some issues in dispute is not achieved within the scheduled mediation session(s), the mediator may continue to communicate with the parties, for a period of time, in an ongoing effort to facilitate a complete settlement. Any settlement agreed upon during mediation shall become binding if within thirty (30) days after the date that any settlement agreement is signed, either the Owner or Consultant fails to object or withdraw from the agreement. If mediation shall be unsuccessful, either Owner or Consultant may then initiate judicial proceedings by filing suit. Owner and Consultant will share the cost of mediation equally unless agreed otherwise.

5.7 Equal Employment and Non-Discrimination

In connection with the Services under this Agreement, Consultant agrees to comply with the applicable provisions of State and Federal Equal Opportunity statutes and regulations.

5.8 Indemnification and Legal Fees

- 5.8.1 Consultant agrees to defend, indemnify and hold harmless the public body, and the employees, officers and agents of Owner from any liabilities, damages, losses, claims, actions or proceedings, including, without limitation, reasonable attorneys' fees and costs, to the extent that such liabilities, damages, losses, claims, actions or proceedings are caused by the negligence, errors, omissions, recklessness or intentional misconduct of the Consultant or the employees or agents of Consultant in the breach of performance of the contract. If the insurer by which the Consultant is insured against professional liability does not so defend Owner and the employees, officers and agents of Owner and the Consultant is adjudicated to be liable by a trier of fact, the trier of fact shall award reasonable attorney's fees and costs to be paid to Owner by the Consultant in an amount which is proportionate to the liability of the design Consultant. As used in this section, "agents" means those persons who are directly involved in and acting on behalf of Owner or Consultant, as applicable, in furtherance of the contract or the public work to which the contract pertains.
- 5.8.2 As respects all acts or omissions which do not arise directly out of the performance of professional services, including but not limited to those acts or omissions normally covered by general and automobile liability insurance, Consultant agrees to indemnify, defend (at Owner's option), and hold harmless Owner, its officers, agents, employees, and volunteers from and against any and all claims, demands, defense costs, or liability arising out of any acts or omissions of Consultant (or Sub-contractor, if any) while acting under the terms of this Agreement; excepting those which arise out of the negligence, errors, omissions, recklessness or intentional misconduct of the employees, officers or agents of Owner.
- 5.8.3 The obligations of each indemnifying party hereunder shall not be construed to negate, abridge, or otherwise reduce any other right or obligation of indemnity which would otherwise exist as to any party or person described in this section. The indemnification shall not be diminished or limited in any way to the total limits of insurance required in this contract or otherwise available to the indemnifying party. If the liability is asserted by an employee of an indemnifying party, the indemnification herein is not limited to damages, compensation or benefits payable by or for the indemnifying party under worker's compensation acts, disability benefit acts or other employee benefit acts. Each indemnifying party shall be permitted to participate, if it chooses, in the defense of any action claiming liability, even if the indemnified party is indemnified hereunder. Either party may set off any of its rights under this subsection against any consideration it provides under this agreement. The obligations to indemnify and save harmless herein survive the expiration or termination of this Agreement.
- 5.8.4 The prevailing party in any litigation between Owner and Consultant regarding this Agreement shall be entitled to recover its reasonable attorneys' fees and costs. The hourly rate for such fees shall not exceed the rate paid by Owner.

5.9 Changes and Modifications

The parties agree that no change or modification to this Agreement, or any attachments hereto, shall have any force or effect unless approved by both parties in a written amendment to this Agreement. Such amendment shall be authorized and signed in the same manner as this Agreement.

5.10 Licenses

Consultant shall have a Washoe County business license, and all appropriate Consultant's licenses and certifications for the services to be performed.

5.11 Severability

In the event any provision of this Agreement shall be held invalid and unenforceable, the remaining provisions shall be valid and binding upon the parties.

5.12 Waiver

One or more waivers by either party of any provision, term, condition, or covenant shall not be construed by the other party as a waiver of a subsequent breach of the same by the other party.

5.13 Extent of Agreement

This Agreement, including all Attachments, and any and all amendments, modifications, and supplements duly executed by the parties in accordance with this Agreement, govern and supersede any and all inconsistent or contradictory terms, prior oral or written representations or understandings, conditions, or provisions set forth in any purchase orders, requisition, request for proposal, authorization of services, notice to proceed, or other form or document issued by Owner with respect to the Project or Consultant's services.

IN WITNESS WHEREOF, the parties hereto have set their hands the day and date of the year first set forth above.

OWNER:
INCLINE VILLAGE G. I. D.
Agreed to:

CONTRACTOR:
RENO TAHOE GEO ASSOCIATES, INC.
Agreed to:

By: _____
Brad B. Underwood, P. E.
Director of Public Works

By: _____
Signature of Authorized Agent

Print or Type Name and Title

Date

Date

Reviewed as to Form:

Joshua Nelson
District General Counsel

If Contractor is a corporation, attach evidence of authority to sign.

Date

Owner's address for giving notice:
INCLINE VILLAGE G. I. D.
893 Southwood Boulevard
Incline Village, Nevada 89451
775-832-1267- Engineering Div. Phone

Contractor's address for giving notice:
RENO TAHOE GEO ASSOCIATES, INC.
P. O. Box 18449
Reno, Nevada 89511
775-853-9100



TABLE 1 - SPECIAL INSPECTION and MATERIAL TESTING COST ESTIMATE
Burnt Cedar Beach - Pool Reconstruction

| Task | | | | Estimated Units | Unit Rate | Total |
|--|----|-----------|---------------|-----------------|-----------|--------------------|
| Pool Reconstruction | | | | | | |
| Pre-Construction Meeting | 1 | Days @ | 2 hrs./day | 2 | \$130.00 | \$260.00 |
| Site Grading and Pad Preparation (observation and density testing) | 2 | Days @ | 2 hrs./day | 4 | \$130.00 | \$520.00 |
| Subgrade and Foundation Testing | 4 | Days @ | 2 hrs./day | 8 | \$130.00 | \$1,040.00 |
| CMU Retaining Walls | 6 | Days @ | 3 hrs./day | 18 | \$130.00 | \$2,340.00 |
| Utility Bedding and Backfill | 3 | Days @ | 2 hrs./day | 6 | \$130.00 | \$780.00 |
| Pool Reinforcement and Shotcrete Placement | 4 | Days @ | 4 hrs./day | 16 | \$130.00 | \$2,080.00 |
| Subgrade and Basecourse for Flatwork | 4 | Days @ | 2 hrs./day | 8 | \$130.00 | \$1,040.00 |
| Flatwork Concrete with Sampling | 12 | Days @ | 3 hrs./day | 36 | \$130.00 | \$4,680.00 |
| Laboratory Compression Tests (shotcrete) | 4 | Sets @ | 5 cpls/set | 20 | \$27.00 | \$540.00 |
| Laboratory Compression Tests (concrete) | 10 | Sets @ | 5 cpls/set | 50 | \$23.00 | \$1,150.00 |
| Laboratory Compression Tests (grout) | 3 | Sets @ | 5 cpls/set | 15 | \$23.00 | \$345.00 |
| Laboratory Compression Tests (mortar) | 1 | Sets @ | 5 cpls/set | 5 | \$23.00 | \$115.00 |
| Laboratory Proctor Determination (ASTM D-1557) | 1 | Samples @ | 175 \$/test | 1 | \$175.00 | \$175.00 |
| Travel | 36 | Days @ | 1 hrs./day | 36 | \$76.00 | \$2,736.00 |
| Mileage | 36 | Trips @ | 60 miles/trip | 2160 | \$0.68 | \$1,468.80 |
| SUBTOTAL = | | | | | | \$19,269.80 |

| Coordination, Meetings, Reporting, etc. | | | | | | |
|--|----|----------|-----------------|----|----------|--------------------|
| Associate Civil Engineer (summary report, wet stamped) | 1 | Days @ | 2 hrs/day | 2 | \$135.00 | \$270.00 |
| Project Engineer (coordination, work review, meetings and memos) | 10 | Weeks @ | 0.25 hrs/week | 3 | \$88.00 | \$220.00 |
| Clerical (DFR and document copying, filing and distribution) | 10 | Weeks @ | 1.00 hrs/week | 10 | \$65.00 | \$650.00 |
| HR/Accounting (Prevailing Wage) | 3 | Period @ | 3.00 hrs/period | 9 | \$65.00 | \$585.00 |
| SUBTOTAL = | | | | | | \$1,725.00 |
| TOTAL: | | | | | | \$20,994.80 |

**2021 FEE SCHEDULE
IVGID Burnt Cedar Beach Pool Project**

Field Services (Prevailing Wage)

| | |
|--|---------------|
| Field Engineer (Soils and Materials Tester) | \$130.00/hour |
| Travel (for testing staff) | \$76.00/hour |
| <i>Overtime: 1.3 times the regular rates</i> | |

Professional Engineering

| | |
|--------------------------|---------------|
| Principal Engineer | \$165.00/hour |
| Associate Civil Engineer | \$135.00/hour |
| Senior Engineer | \$119.00/hour |
| Staff Engineer II | \$98.00/hour |
| Staff Engineer I | \$88.00/hour |
| Draftsman | \$75.00/hour |

Support

| | |
|--------------------------------|--------------|
| Clerical/ Project Coordinator | \$65.00/hour |
| Prevailing wage record keeping | \$65.00/hour |

Other Expenses

| | |
|---|---------------|
| Vehicle Mileage | \$0.56/mile |
| Outside Services | Cost Plus 15% |
| <i>(Includes equipment rental, backhoe, drilling; field expenses; lodging; reproduction; postage; shipping, etc.)</i> | |

In-House Reproduction

| | |
|--|-----------------|
| Copying (8.5x11, 11x17, B/W) | 0.10/page |
| Copying (8.5x11, Color) Bond | 1.00/page |
| Plotting 11x17 - \$2.50 24x36 - \$5.00 | 30x42 - \$ 7.00 |

Special Field Equipment*

| | |
|--|---------------|
| ReMi Shear Wave Velocity Measurement (Primary Wave, add \$50/line) | \$300.00/line |
| Soil Resistivity Tester | \$500.00/day |
| Anchor Bolt Testing Device | \$200.00/day |
| Skidmore Wilhelm Bolt Tension Calibrator | \$120.00/day |
| Manometer | \$80.00/day |
| Impact Hammer (Schmidt Hammer) | \$20.00/hour |
| Dynamic Cone Penetrometer (DCP) | \$125.00/day |
| Tips for DCP | \$12.50/tip |
| Laser Level | \$50.00/day |
| Torque Wrench | \$85.00/day |
| Ultrasonic Testing Equipment | \$100.00/day |
| Groundwater Level Sensing Equipment | \$150.00/day |
| Coring Machine (Includes Two Man Crew) | \$1150.00/day |
| Russian Peat Sampler | \$200.00/day |

* Rate does not include technician cost, except where noted. Special equipment will be used by Engineering Technician at an hourly rate for testing, data reduction and report preparation.

Reno Tahoe Geo Associates, Inc.
2021 Fee Schedule
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| <u>Laboratory Testing and Field Testing</u> | <u>ASTM, Caltrans</u> | <u>FEE</u> |
|---|------------------------|---------------|
| <u>Primary Tests:</u> | | |
| <i>Compaction Curves:</i> | | |
| Standard 4" & 6" Mold | D-698 Method A, B, C | \$165.00 each |
| Modified, 4" & 6" Mold | D-1557 Method A, B, C | \$175.00 each |
| California Impact | CT-216 | \$195.00 each |
| Check Point | | \$60.00 each |
| Oversize Rock Correction | | \$50.00 each |
| <i>Basic Soil and Aggregate Properties:</i> | | |
| Specific Gravity, Absorption, Coarse | C-127 | \$80.00 each |
| Specific Gravity, Absorption, Fine | C-128, D-854 | \$80.00 each |
| Sand Equivalent, Average of 3 | CT-217, D-2418 | \$106.00 each |
| Sand Equivalent | D-2418 | \$95.00 each |
| Atterberg Limits (PI & LL) | D-4318 | \$105.00 each |
| Liquid Limit only | | \$60.00 each |
| Moisture Determination and Unit Weight | D-2216, D-4643, D-2937 | \$45.00 each |
| Moisture Determination only | D-2216 | \$20.00 each |
| Sieve Analysis, Coarse, No Wash | C-136 | \$70.00 each |
| Sieve Analysis, with Wash | D-422 | \$135.00 each |
| Sieve Analysis, Fine with Hydrometer | D-422 | \$225.00 each |
| No. 200 Sieve Wash | D-1140, C-117 | \$65.00 each |
| <i>Concrete:</i> | | |
| 4" x 8" Concrete Cylinder Cured and/or Compression Tested | C-39 | \$23.00 each |
| 6" x 12" Concrete Cylinder Cured and/or Compression Tested | C-39 | \$26.00 each |
| Compression Test, Lightweight Insulating Concrete | C-495 | \$52.00 each |
| Unit Weight of Fresh Concrete | C-138, CT 518 | \$45.00 each |
| Flexural Strength, Concrete Beam | C-78, C-293 | On Request |
| Drying Shrinkage Test | C-157, CT-530 | On Request |
| Unit Weight of Lightweight Concrete | C-567 | \$73.00 each |
| Compression Test on Cored Specimens | C-42 | \$30.00 each |
| Cut and Trim Core Samples | | \$45.00 each |
| <u>Secondary Tests: **</u> | | |
| <i>Aggregate Quality:</i> | | |
| Potential Reactivity Test | C-289 | On Request |
| Durability Index | D-3744, CT-229 | \$144.00 each |
| Unit Weight | C-29 | \$41.00 each |
| <i>Soil and Aggregate Stability:</i> | | |
| R-Value, Untreated Material or Field Sample | CT-301, D-2844 | \$330.00 each |
| Expansion Index Tests (Without Specific Gravity) | D-4829, UBC 29-2 | \$195.00 each |
| Direct Shear (CD, CU, UU) | D-3080 | On Request |
| Triaxial, UU | D-2850 | On Request |
| Triaxial, CU | D-4767 | On Request |
| Consolidation (9 loads and 1-time rate) | D-2435 | On Request |
| Percent Swell or Swell Pressure | D-4546 | On Request |
| Unconfined Compression | D-2166 | On Request |
| pH, Sulfate, and Resistivity | EPA-600 | \$180.00 each |

IVGID Burnt Cedar Beach Pool Project

Reno Tahoe Geo Associates, Inc.
2021 Fee Schedule
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Masonry

| | | |
|---|--|--------------|
| Grout or Mortar Specimen Cured and/or Compression Tested | C-579, C-1019, C-780, C- 942, C-109 | \$27.00 each |
| Compression Test, Masonry Units | C-140 | \$87.00 each |
| Absorption and Received Moisture, Masonry Units | C-140 | \$87.00 each |
| Lineal Shrinkage, Masonry Units | C-426, or Title 21 | On Request |
| Shear Test on Masonry or Brick Cores | CT-644 | On Request |

Fireproofing:

| | | |
|---------------------------------------|-------|--------------|
| Density of Spray-Applied Fireproofing | E-605 | \$73.00 each |
| Bond Strength Determination | E-736 | \$50.00 each |

Asphalt:

| | | |
|---|----------------|----------------|
| Extraction (% Bitumen) | D-2172, D-6307 | \$200.00 each |
| Extraction (% Bitumen) & Gradation | | \$250.00 each |
| Marshall Stability & Flow | D-1559 | \$150.00/point |
| Unit Weight of Asphalt Core or Compacted Sample | D-2726 | \$42.00 each |
| Maximum Theoretical Specific Gravity (Rice) | D-2041 | \$115.00 each |
| Hveem Stability | D-1560 | \$150.00/point |

Metals:

| | | |
|---|--|------------|
| Bolts, Nuts & Washers, Hardness, & Load Tests | | On Request |
|---|--|------------|

**Tests may be performed offsite by labs with specialized equipment and qualifications.

ADDITIONAL WORK ORDER Task 2

DATE: March 15, 2021

CLIENT: Mr. Nathan Chorey, P.E.
Incline Village General Improvement District
1220 Sweetwater Road
Incline Village, NV 89451

PROJECT No: 20112.002

PROJECT NAME: Burnt Cedar Beach Pool Reconstruction – Materials Testing and Special
Inspection Services

Reno Tahoe Geo Associates, Inc. (RTGA) hereby requests Client approval for Work Order Authorization Task .002 described herein. Upon approval, Work Order Authorization Task .002 will be incorporated into the IVGID Additional Services Addendum #1 dated September 22, 2020. All terms and conditions described in the IVGID Additional Services Addendum #1 dated September 22, 2020 are hereby incorporated into this Work Order Authorization.

Description of work to be performed:

- Special inspection and material testing services for the reconstruction of existing pool facility; Table 1 – Special Inspection and Material Testing Cost Estimate attached.
- Field work to be paid at prevailing wage rate, per attached fee schedule.

The **estimated** cost to perform this scope of work is **\$21,000.00**. Please sign and return this Work Order Authorization to our attention if this proposal meets with your approval. We can proceed with the proposed scope of work upon your authorization to proceed. If there is a need for any changes in the scope of services or schedule, please call us immediately.

∞ ADDITIONAL SERVICES ADDENDUM (ASA) #3 ∞
to SHORT FORM AGREEMENT DATED MAY 20, 2020
between
INCLINE VILLAGE GENERAL IMPROVEMENT DISTRICT
and
TSK ARCHITECTS
for PROFESSIONAL SERVICES

This ASA, dated TBD, shall amend the referenced agreement to include the following project with relevant description, compensation, and schedule addressed herein.

PROJECT DESCRIPTION

Consultant shall perform Construction Administration services for the District's Burnt Cedar Swimming Pool Improvement Project. Work is more fully described in the attached Exhibit A, Consultant's Proposal (revised) dated April 20, 2021.

PAYMENT TO CONSULTANT

Payment to be in accordance with Section 4, Payment to Consultant, of the Short Form Agreement, as follows:

1. Compensation shall be billed on a Time and Materials basis.
2. All invoices and correspondence are to reference Project Number 3970BD2601. Invoices shall be submitted on a monthly basis, shall include a description of services provided, a list of progress on deliverables, and the percent completed for each.
3. Compensation paid by OWNER for the services shall not exceed **One Hundred Five Thousand Six Hundred Eighty Dollars (\$105,680.00)**.

PERIOD OF SERVICE

Services shall begin on or about April 28, 2021 and be substantially completed by June 30, 2022.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the day and year first written above.

OWNER:
INCLINE VILLAGE G. I. D.
Agreed to:

CONTRACTOR:
TSK ARCHITECTS
Agreed to:

By: _____
Brad B. Underwood, P. E.
Director of Public Works

By: _____
Signature of Authorized Agent

Print or Type Name and Title

Date

Date

Reviewed as to Form:

Joshua Nelson
District General Counsel

If Contractor is a corporation, attach evidence of authority to sign.

Date

Owner's address for giving notice:
INCLINE VILLAGE G. I. D.
893 Southwood Boulevard
Incline Village, Nevada 89451
775-832-1267- Engineering Div. Phone

Contractor's address for giving notice:
TSK ARCHITECTS
225 South Arlington Ave., Ste. A
Reno, Nevada 89502
775-857-2949



April 20, 2021 revised

Nathan Chorey, Engineering Manager
Incline Village General Improvement District (IVGID)
1220 Sweetwater Road
Incline Village, NV 89451 P. 775-832-1372 E. npc@ivgid.org

**RE: Burnt Cedar Swimming Pool Improvement Project
IVGID Project Number: 3970BD2601
T&M/NTE for Construction Administration Services**

Dear Mr. Chorey,

Thank you for your assistance with Incline Village General Improvement District (IVGID) Board Construction Documents and Permitting & Bidding Package. Tate Snyder Kimsey Architects (TSK Architects) is excited to see the Burnt Cedar Pool Reconstruction Project (Project) move forward through Construction.

The Architectural and Engineering Team (AE Team) welcome the ability to work with IVGID and CORE Construction as the CMAR during the Construction Phase of the Project. At the direction of IVGID, this proposal is for Time and Material with a Not to Exceed Amount as noted. This proposal is based on the 32 week construction schedule provided by CORE Construction. Primary Project Construction time frame of 4/28/2021 to 10/29/2021 and then Pool Finish/Plaster Phase of 5/4/2022 to 6/8/2021.

The scope of services subject to this Agreement are the following:

1. Construction Administration Phase activities and services to include:

- a. Respond to Requests for Additional Information (RFI's) as generated by the Construction Manager at Risk (CMAR) and provide timely response and additional sketches or language to resolve contractor questions.
- b. Review and Respond to project submittals for materials and systems proposed by the CMAR to be used on the project to confirm for conformance to the project criteria and design intent.
- c. TSK architects to attend every other week on site construction meetings. On the off weeks, TSK to attend by telephone or video link. (TSK has included 18 on-site visits and 16 one hour virtual meetings in this T&M NTE proposal)
- d. Engineering Team Members to attend project meetings per proposals:
 - i. Aquatic Design Group: Six (6) on-site Meetings and up to twenty-eight (28) one-hour virtual meetings.
 - ii. RCI CE: Up to eighteen (18) on-site visits and sixteen (16) one-hour virtual meetings
 - iii. Nelson Wilcox SE: Up to three (3) on-site visits and ten (10) one-hour virtual meetings
 - iv. MSA: One (1) on-site meeting and ten (10) one-hour virtual meetings
 - v. DWS: Up to eight (8) on-site visits and ten (10) one-hour virtual meetings.
 - vi. Additional on-site meetings can occur as directed by IVGID as an additional service.
- e. TSK to provide Additional Supplemental Information (ASI) to further clarify design intent as requested by IVGID and the CMAR. Information maybe narrative or drawings as requested.

- f. TSK to provide Proposal Request documents to the CMAR at the direction of IVGID for additional work scope items that are not in the contract documents. TSK and Engineering Consultant Team to review pricing as provided by the CMAR and issue review comments to IVGID if pricing is within expectations and industry standards.
- g. TSK, ADG, and RCI "on-site" visits to be followed by an Observation report, indicating activities observed and bring to IVGID and CMAR attention items that do not appear to be in conformance with the design intent.
- h. TSK to review monthly pay applications to confirm that % of work invoiced matches % of work in place.

2. Project Closeout Phase activities and services to include:

- a. Attend Completion Walk when notified by the CMAR and IVGID that work has been completed and project is ready for review by the Architect and Engineering Consultant Team. Provide a list of incomplete items and provide to IVGID and the CMAR.
- b. With the acceptance of the work by IVGID, TSK and Engineering Consultant Team, TSK to issue a Substantial Completion Document, which indicates that the project is substantially complete and in conformance with the construction documents and can be used for its intended use. Any open work items cannot affect the safety of the staff or occupants of the facility.
- c. Based on CMAR provided field mark-up drawings, TSK and Engineering Consultant Team to provide Record Drawings for as-built conditions. Drawings to be provided to IVGID in PDF and AutoCAD format.
- d. The TSK and Engineering Consultant Team to review the Project Operations, and Warranty Manuals for all materials and systems provided to ensure conformance to project criteria. TSK to identify any missing warranties or operation manuals and communicate with IVGID and the CMAR for items missing or if Manuals are complete.
- e. At an 11 months after Substantial Completion is achieved, and TSK is notified by IVGID and the CMAR to attend a project on site observation walk and to document observed system or product failures and provide a list of items that are to be repaired or replaced by the CMAR.

Architectural and Engineering Consultant Team:

- TSK Architects, (TSK) 225 South Arlington Avenue, Suite A, Reno, NV, 89501. P. 775-857-2949
- Aquatic Design Group, Inc., (ADG) 2226 Faraday Avenue, Carlsbad, CA, 92008. P. 760-438-8400
- Resource Concepts Inc., (RCI) 340 North Minnesota Street, Carson City, NV, 89703. P. 775-883-1600
- Kaufman Edwards, Planning & Consulting, (KE), 475 N. Lake Blvd., Tahoe City, CA, 96145, P. 530-546-4402
- Design Workshop, (DW), 128 Market Street, Suite 3E, Stateline, NV, 89449. P. 775-588-5929
- MSA Engineering, (MSA) 4599 Longley Lane, Reno, NV, 89502. P. 775-828-4889
- Nelson-Wilcox SE, (NWSE) 225 South Arlington Ave., Suite B, Reno, NV, 89501. P. 775-848-3166

Excluded Disciplines:

- Environmental Analysis and Studies
- Traffic Engineering and Analysis
- Geotechnical Investigations and Reports
- Special Inspections and Testing
- Hazardous Materials Testing and Abatement

Construction Schedule as Proposed by the CMAR

| | |
|-----------------|--|
| 28 April 2021 | Start Construction Activities (Submittals Begin) |
| 1 May 2021 | Construction Site Activities (Mobilization) |
| 3 May 2021 | Demolition Activities |
| 29 October 2021 | Pool Mechanical Room Testing & Inspection. |
| 30 October 2021 | Contractor Demobilizes for spring 2022 work. |
| 4 May 2022 | Contractor Mobilizes to complete Finish. |
| 4 May 2022 | Pool Finish & Inspection |
| 24 May 2022 | Substantial Completion |
| 8 June 2022 | Final Completion |

Primary Project Construction time frame of 4/28/2021 to 10/29/2021 and then Pool Finish/Plaster Phase of 5/4/2022 to 6/8/2022.

A. Reimbursable Expenses will be limited to direct costs with no markups. Reimbursable to include any additional milestone printing/plotting and site visits as noted in fee schedule below. No additional expenses shall be incurred without prior written approval from IVGID. Expenses shall be for the direct cost of the items with no markup percentage added. These costs will be submitted monthly with invoice support information included.

B. Fee Schedule: All services for the above scope of work to be provided on a Time and Material Basis with the Not to Exceed Amounts being the Total for each firm discipline. Any additional work will be provide by a separate amendment to this agreement.

| <u>Discipline</u> | <u>Not to Exceed Amount</u> | |
|--------------------------|-----------------------------|--|
| TSK | \$35,960.00 | Approx. 225 hrs. ov 32 weeks. (6 hrs. week) Hourly rates attached |
| TSK Mileage Reimbursable | \$850.00 | Approx. 21 site trips @ \$40.88 each. |
| Aquatics Design Group | \$10,500.00 | Hourly rates attached. See proposal attached dated 4/6/2021. |
| ADG Site/Reimbursable | \$4,500.00 | Five (5) Site visits |
| ADG 11-Month Warranty | \$1,240.00 | One (1) Site visit 11 months from Substantial Completion. |
| Resource Concepts Inc. | \$38,950.00 | Inc. 18 site visits + sixteen (16) 1-hr. conference calls. Hourly rates attached. See proposal attached dated 4/14/2021 (RCI Includes Kaufman Edwards/TRPA Consultant CA Costs.) |
| MSA Engineering | \$5,200.00 | Inc. 1 site visit + ten (10) 1-hr. conference calls. See Proposal dated 4/13/2021. Hourly Rate of \$175 |
| Nelson-Wilcox SE | \$3,480.00 | Inc. 3 site visits + ten (10) 1-hr. conference calls. Hourly rates attached. See proposal dated 3/23/2021 |
| Design Workshop | \$5,000.00 | Inc. up to 8 site visits + eight (8) 1-hr. conference calls See proposal dated 4/14/2021 |

Firm Totals: **\$105,680.00** **Total Not To Exceed Amount.**

ACCEPTED AND AGREED: TSK Architects is hereby authorized to proceed with this scope of work for the fixed fee defined above.

IVGID Authorized Agent

Date

We appreciate the opportunity to continue to work with you and the Incline Village General Improvement District Leadership on the Burnt Cedar Pool – Construction Administration Phase.

Please feel free to call me if you have any questions in regards to scope and associated fee listed above.

Sincerely,



Pat Pusich, AIA / TSK Architects
CC: Engineering Proposals for reference

TSK ARCHITECTS
2021 STANDARD BILLING RATES
 (For out of contract/reimbursable work)

| | |
|---------------------------|----------|
| Senior Principal | \$275.00 |
| Principal | \$200.00 |
| Sr. Project Manager | \$175.00 |
| Senior Project Architect | \$150.00 |
| Sr. Project Designer | \$150.00 |
| Project Manager | \$140.00 |
| Construction Site Manager | \$125.00 |
| Project Architect | \$120.00 |
| Project Designer | \$110.00 |
| Project Coordinator | \$100.00 |
| Specifications | \$100.00 |
| Job Captain | \$90.00 |
| Technical Support | \$75.00 |
| Design Support | \$75.00 |
| Administrative Support | \$75.00 |

ALL TRAVEL / PER DIEM / MILEAGE TO BE REIMBURSED AT STATE RATES

| | |
|----------------|--|
| Rental Vehicle | Actual Cost of Vehicle Rental, Taxes, and Mileage at Standard Federal Rate |
|----------------|--|

| Printing (Plain Paper) | BW | Color |
|-------------------------------|-----------|--------------|
| 8.5 x 11 | .07 | .11 |
| 11 x 17 | .25 | .29 |

| Plots | | |
|--------------|------|-------|
| 11x17 | 1.25 | 3.00 |
| 17x22 | 2.40 | 15.00 |
| 24x36 | 5.60 | 36.00 |
| 30x42 | 7.85 | 52.50 |