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07/08/19

**CITY OF RENO
PUBLIC WORKS DEPARTMENT**

PROPOSAL, CONTRACTS AND SPECIAL PROVISIONS

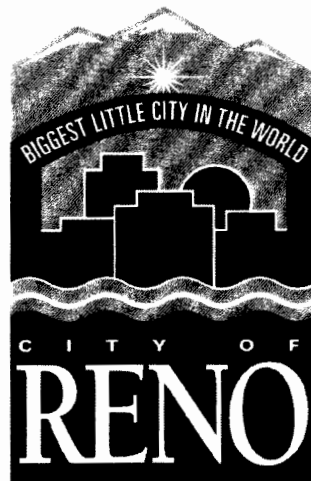
FOR

**TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT
PHASE 1**

CONTRACT NO. I100104-2684

PWP WA-2019-123

NOT REPRODUCIBLE

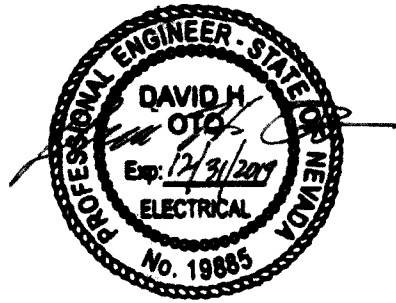


Director of Public Works
John Flansberg, P.E.

SECTION 00007

SEALS PAGE

The technical material and data contained in this document were prepared under the supervision and direction of the undersigned, whose seal, as a professional engineer licensed to practice as such, is affixed below.



3/19/2019

Prepared by David Oto, P.E.
(Sections 010, 015, 017, 020, 025, 030, 035, 040,
045, 050, 055, 060, 061, 065, 066, 067, 070, 075,
080, 100, 300, 337, 400, 1000, Division 1,
Division 2, Division 3, Division 9, Division 16)

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SECTION 010 – NOTICE TO CONTRACTORS

**Proposals Requested
By
CITY OF RENO – PUBLIC WORKS DEPARTMENT**

**TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684
PWP WA-2019-123**

Sealed Proposals will be received by the City of Reno at the office of the City Clerk, 2nd Floor, One East First Street, Reno, Nevada, 89501, until 2:30 P.M. Local Time on the 16th day of May, 2019, for Contract Number I100104-2684.

Said Proposal shall include all labor, tools, implements, machinery, equipment, materials, and any incidentals necessary to complete the work in the manner and time prescribed, and in strict conformity with the Contract Documents to the satisfaction of the City Engineer. In general, the major work items include:

The work to be performed under this contract includes demolition and removal of the existing panelboards, transformers, and lighting contactors, providing and installing new panelboards and transformers, concrete and wallboard repair, temporary power to existing lighting, and power pumps and controls, and other miscellaneous work as outlined in the plans and specifications.

Digital copies of the plans, specifications and related documents for Quest project number 6266670 may be examined and downloaded from the City of Reno's website <http://reno.gov/business/bids-rfps>, Reno E-Plan Room for a fee of \$15.00. Payment is non-refundable. Only those bidders who have purchased and properly downloaded the documents from this website will appear on the planholder list and may submit a bid. Please contact QuestCDN.com at (952) 233-1632 or info@questcdninfo.com for assistance in downloading and working with this digital project information. Paper copies of the plans and specifications may be examined at the City of Reno, Public Works office at City Hall, One E. First Street, 8th Floor, Reno, Nevada 89501.

A mandatory Pre-Bid Meeting will be held at the Truckee Meadows Water Reclamation Facility, located at 8500 Clean Water Way, in Reno, Nevada at 9:00 A.M., on the 2nd day of May, 2019, in the Training Room. Prospective Bidders must have a representative attend the pre-bid meeting to be eligible to bid the project.

The project coordinator for this project is Kerri Lanza, P.E., with the City of Reno. She may be reached at (775) 334-2683 or lanzak@reno.gov.

Adv. Reno Gazette-Journal – April 16th, 2019 & April 30th, 2019
1 Proof

SECTION 015 – INSTRUCTIONS TO BIDDERS

**TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE I
CONTRACT NUMBER I100104-2684
PWP WA-2019-123**

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All Proposals shall be subject to, and must be on the City of Reno Proposal Forms provided in the Contract Documents and shall be enclosed and sealed in an envelope, which is addressed to the Mayor and City Council, City Hall, One East First Street, Reno, Nevada 89501, and states the above mentioned Project Title, Contract Number and PWP Number and Contractor Name. Failure to submit the Proposal on the forms or without all forms in the Proposal completed will be grounds for the Proposal being rejected.

The City prefers that proposals are submitted without comb or glue binding and that they be printed single-sided and stapled or clipped in one location at the top. Some errors in printing have been observed from contractors printing from Apple or Mac computers. Please check your documents to ensure that documents are displaying correctly.

All bidders shall appear on the official planholder list.

The City reserves the right to reject any or all Proposals.

The attention of Bidders is directed to the State Contractor's License Law (NRS Provision 624.700 as amended to date).

A certified check, cashier's check, bid bond or cash, in the amount of five percent (5%) of the total bid must accompany each Proposal, as a guarantee that if awarded the Contract, the Bidder will execute the Contract, give the two (2) bonds required, and present evidence of the required liability insurance and being licensed under the provisions Chapter 4.04 of the Reno Municipal Code. Said check shall be made payable to the City of Reno and said bond shall be executed by an approved surety, if used. The provision of any such bond, check, or cash is conditioned to the effect that should the Bidder to whom the Contract is awarded fail to enter into the Contract in accordance with the Proposal, give the two (2) bonds required by said Contract, present sufficient evidence of required liability insurance and being licensed under the provisions of Chapter 4.04 of the Reno Municipal Code within ten (10) calendar days after notice of such award, the surety company shall forthwith pay the City of Reno the sum set forth in the bid bond, and the City shall be entitled to deposit the cash or check as liquidated damages.

The Bidder's attention is especially directed to NRS 338.125, NRS 338.130 and NRS 613.250.

For projects which are estimated to exceed \$2.5 million in accordance with the engineer's estimate, Bidders must be prequalified pursuant to NRS 338.1382(1)(a) to bid on the project. Bidders at the time of submission of the bid must be qualified by the State of Nevada Public Works Board and be on the State Public Works Board Qualified Bidder List. A bidder not prequalified is not an eligible bidder.

In order to claim the benefits of NRS 338.147 or 338.1389, the bidder must attach a Certificate of Eligibility at the time of the proposal submittal and complete and submit the Affidavit Regarding Preference in bidding within 2 hours after completion of the opening of the bids.

Contractors who appear on the Nevada State Office of the Labor Commissioner's Disqualified Contractor list or the Federal Government General Services Administration (GSA) System for Award Management (SAM) with an exclusion will not be eligible for award of the contract.

Bidders shall hold a valid State of Nevada Contractor's License of a class corresponding to the work to be performed at the time the Proposal is submitted to the City of Reno. Failure to possess the appropriate Contractor's license at the time the Proposal is submitted will result in the Proposal being rejected.

The successful Bidder must possess a valid City of Reno and City of Sparks Business License prior to the award of any Contract. RMC 4.04.020 applies to subcontractor as to Business License requirements.

NRS 338.072 provides that any subcontractor of the successful bidder who is awarded the contract must also hold a state business license issued pursuant to Chapter 76 of the Nevada Revised Statutes.

Bidders are advised that they must have in place a drug and alcohol policy applicable to workers who will be employed on this project. The policy must be an approved Federal drug and alcohol policy/program which provides, at a minimum, that the use of alcohol, and use, possession, transfer, sale of illegal drugs, narcotics, or other unlawful substances is prohibited while working on any site in connection with work performed under this contract and assurances that the contractors' subcontractors are required to cooperate with the contractor's policy. Each contractor shall demonstrate compliance by submitting with its bid the certification form found within this document under penalty of perjury that the policy is in place, that it will be actively enforced and that workers who will be employed on the project will be subject to this policy.

The successful Bidder shall furnish to the City of Reno, the appropriate insurance certificates and bonds as outlined hereinafter, prior to execution of the Contract as set forth in Section 100.14 - Insurance. Bidders must execute the Acknowledgement of Insurance Requirements. Bidders are to submit any requests for information as to insurance requirements prior to submitting a bid.

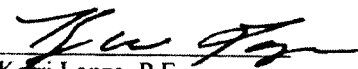
If the Unit Bid Item prices and/or schedule of values of a prospective bidder's bid are determined by the City to be unbalanced, either in excess or below the reasonable cost analysis values, the Bid may be rejected. A bid may be rejected if the City of Reno determines that the lack of balance poses an unacceptable risk to the City of Reno.

The minimum wages to be paid for labor shall not be less than the prevailing wages scale for Washoe County as determined by the Labor Commissioner of the State of Nevada. The provisions of NRS 338.010 through NRS 338.090 shall apply.

A person who bids on this contract may file a notice of protest regarding the awarding of the contract in accordance with NRS 338.142. The protestant must comply with all requirements set forth in NRS 338.142. Further, the protestant will be required, at the time of filing the protest, to post a bond or submit other security, in a form approved by the City and in the amount as set forth in NRS 338.142(3). The protest must be directed to the attention of the Director of Public Works and must be delivered to the Clerk's Office, One East First Street, Second Floor, Reno, Nevada, 89501.

Minority and Women Business Enterprises will be afforded full opportunity to submit bids in response to this notice and will not be discriminated against on the grounds of race, color, or national origin in consideration for and award of any contract entered into pursuant to this advertisement. The City of Reno affirms its interest in and encourages the different contracting communities to actively pursue participation and utilization of Minority and Women Business Enterprises on City projects.

A bidder may submit to the City of Reno requests for approved equals or clarifications on items that have been included in the specifications or on an addendum to the specifications. Any such request must be received, in writing, not less than seven (7) calendar days before the date of the scheduled bid opening. Any request for substitution must be submitted with technical data, test results, or other information as evidence that the substitute offered is equal to or better than what is specified.


Kerri Lanza, P.E.
Engineering Manager

SECTION 017 – BID SUBMITTAL CHECKLIST

BID SUBMITTAL CHECKLIST

The following must be completed and submitted by Contractor at time of bid.

- Proposal
- Bid Bond Certificate
- 5% bid Bond, Certified Check, or Cashier's Check
- Schedule of Prices
- Executed Addenda
- Principal Contractor Form
- List of Prime Contractor and First Tier Subcontractors (5% List)
- Affidavit of Non-Collusion
- Certificate of Eligibility to Receive Preference in Bidding
- Affidavit Concerning Confined Space Entry Compliance
- Acknowledgement of Prevailing Wage Requirements
- Affidavit Regarding Debarment
- Affidavit of Certification for Drug and Alcohol Policy
- Acknowledgement of Insurance Requirements
- Nevada Contractor's License

The following must be completed and submitted by the three lowest bidders within 2 hours after the completion of the opening of the bids.

- List of Prime Contractor and First Tier Subcontractors (1% List)
- Labor and Equipment Rates
- Affidavit Regarding Preference in Bidding

RETURN WITH BID

SECTION 020 –PROPOSAL/BID BOND/SCHEDULE OF PRICES – BASE BID

CITY OF RENO – PUBLIC WORKS DEPARTMENT

PROPOSAL

Proposal of Triumph Electric to furnish and deliver all materials except those specified to be furnished by the City of Reno and to do and perform all work for:

**TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684
PWP WA-2019-123**

together with incidental items necessary to complete the work to be constructed in accordance with these Contract Documents, Improvement Plans and "Standard Specifications for Public Works Construction" and revisions to date.

TO THE HONORABLE MAYOR AND THE CITY COUNCIL OF RENO, NEVADA:

The undersigned as Bidder, proposes and agrees, if this bid is accepted, to enter into an agreement with City of Reno in the form included in the bid documents to perform and furnish all work as specified or indicated in the bid documents for the bid price and within the bid times indicated in this bid and in accordance with the other terms and conditions of the bid documents. Bidder shall provide all necessary machinery, tools, apparatus and other means of construction to perform all work, furnish all materials as specified in the bid documents. Bidder acknowledges the quantities shown herein are approximate only and are subject to increase or decrease, and that they will accept in full payment, the unit prices as reflected in the "Schedule of Prices" forms.

Bidder accepts all terms and conditions of the "Notice to Contractors" and "Instructions to Bidders", including without limitation those dealing with the disposition of bid security. Bidder will sign and deliver the required number of counterparts of the agreement with the bonds and other documents required by the bid requirements within ten (10) days after the date of City Notice of Award.

Bidder declares that the only persons or parties interested in this Proposal as principals are those named herein; that this Proposal is made without collusion with any other person, firm or corporation; is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any person, firm or corporation to refrain from bidding; Bidder has not sought collusion to obtain for itself any advantage over any other Bidder or over the City of Reno. Bidder declares they have carefully examined all locations of proposed work, is familiar with all Proposal requirements and has examined this Contract Proposal, Improvement Plans, Specifications and Conditions referenced herein.

Bidder declares this bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and in submitting this bid, Bidder represents, as more fully set forth in the agreement, that Bidder has examined and carefully studied the bidding documents and the following Addenda all of which are hereby acknowledged: (list Addenda by addendum number).

RETURN WITH BID

**CITY OF RENO
TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684**

PROPOSAL/BID BOND/SCHEDULE OF PRICES

ADDENDUM NUMBER	DATE	SIGNATURE
N/A		

Bidder declares they have visited and examined all sites, has become familiar with and is satisfied as to the general, local and site conditions that may affect cost, progress, performance and furnishing of the work. Bidder is familiar with and is satisfied as to all federal, state and local laws and regulations that may affect cost, progress, performance and furnishing of the work. Bidder has carefully studied all Improvement Plans and drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the site (except underground facilities). Bidder acknowledges that such Improvement Plans are not bid documents and may not be complete for Bidder's purposes. Bidder acknowledges that the City of Reno does not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Improvement Plans with respect to underground facilities at or contiguous to the site. Bidder has obtained and carefully studied (or assumes responsibility for having done so) all such additional or supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface and underground facilities) at or contiguous to the site or otherwise which may affect cost, progress, performance or furnishing of the work or which relate to any aspect of the means, methods, techniques, sequences and procedures of construction to be employed by Bidder and safety precautions and programs incident thereto. Bidder does not consider that any additional examinations, investigations, explorations, tests, studies or data are necessary for the determination of this bid for performance and furnishing of the work in accordance with the times, price and other terms and conditions of the bid documents.

Bidder declares they have correlated the information known to Bidder, information and observations obtained from visits to the site, reports and drawings identified in the Contract documents and all additional examinations, investigations, explorations, tests, studies and data with the bid documents.

Bidder declares they have given the City of Reno written notice of all conflicts, errors, ambiguities or discrepancies that Bidder has discovered in the bid documents and the written resolution thereof by the City of Reno is acceptable to Bidder, and the bid documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the work for which this bid is submitted.

The Proposal submitted shall remain in effect for ninety (90) calendar days after the opening of bids.

If this proposal shall be accepted and the undersigned fail to contract as aforesaid and to give a Performance Bond in the amount not less than the full contract amount, one-hundred percent (100%), and a Payment Bond of not less than one-hundred percent (100%) of the contract amount with surety satisfactory to the City of Reno and present evidence of required liability insurance and licensed under the provisions of Chapter 4.04 of the Reno Municipal Code within ten (10) calendar days after the bidder has received notice the contract has been awarded, the City of Reno may, at its option, determine that the bidder has abandoned the contract, and thereupon this proposal and acceptance thereof shall be null and void, and the forfeiture of such security accompanying this proposal and the same shall be the property of the City of Reno.

RETURN WITH BID

CITY OF RENO
TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER II00104-2684

PROPOSAL/BID BOND/SCHEDULE OF PRICES

Accompanying this Proposal is a deposit in the form of a

Bid Bond
(Insert words - Certified Check, Cashier's Check, Bid Bond, or Cash)

in the amount of \$

5% of the Total Bid (\$19,636)

which amount is not less than five percent (5%) of the total bid.

The undersigned holds valid Nevada State Contractor's License Number

0067820

with Classification(s)

C-2

BIDDER

Triumph Electric
Contractor Name

1360 Greg Street Suite 106 Sparks NV 89431
Address City, State Zip Code

775-355-1965 775-355-1977 ryan@triumphelectricreno.com
Phone Fax E-Mail

Ryan Flickinger President
Print name of person authorized to sign this bid Title


Contractor Signature

CERTIFIED PAYROLL

Milly Bossert
(Name of Person Submitting Certified Payroll)

milly@triumphElectricreno.com
(Email address)

775-355-1965 Ext 0
(Phone Number + extension)

775-355-1977
(Fax Number)

RETURN WITH BID

CITY OF RENO
TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684

PROPOSAL/BID BOND/SCHEDULE OF PRICES

BID BOND CERTIFICATE

CITY OF RENO – PUBLIC WORKS DEPARTMENT

**TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684
PWP WA-2019-123**

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned,

Triumph Electric, Inc.
hereinafter designated as "Principal" and

RLI Insurance Company
hereinafter designated as "Surety", are hereby held and firmly bound onto the City of Reno, hereinafter designated "City", in the sum of Five Percent of Total Amount Bid Dollars (\$ 5% of Total Amount Bid) for the payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors, and assigns.

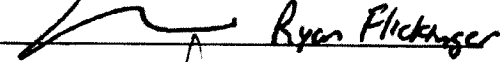
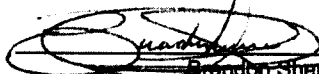
Signed this 9th day of May, 2019. The condition of the above obligation is such that whereas Principal has submitted to the City a Bid Proposal attached hereto and hereby made a part hereof, to enter into a Contract for the above mentioned Contract.

Now, therefore, if said Bid Proposal shall be rejected, or in the alternative, if said Bid Proposal shall be accepted and Principal shall execute and deliver a Contract in the form of Contract attached hereto, and properly completed, and shall furnish a Bond for Principal's faithful performance of said Contract, and a Bond for the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said Bid Proposal, then this obligation shall be void.

Otherwise, the same shall remain in force and effect, and the sum herein specified paid over to the City, it being expressly understood and agreed that the liability for Surety for any and all claims hereunder shall, in no event, exceed the amount of this obligation as herein stated.

Surety, for value received, hereby stipulates and agrees that the obligations of surety and its bond shall be in no way impaired or affected by an extension of the time within which City may accept such Bid; and Surety does hereby waive notice of such extension.

In Witness whereof, Principal and Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their officers, the day and year set forth above.

Principal: Triumph Electric, Inc. By: 
Surety: RLI Insurance Company By: 
Brandon Sheridan, Attorney In Fact

CITY OF RENO
TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684

PROPOSAL/BID BOND/SCHEDULE OF PRICES

CITY OF RENO – PUBLIC WORKS DEPARTMENT

**TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684
PWP WA-2019-123**

ATTENTION BIDDERS

**PLEASE AFFIX 5% BID BOND, CERTIFIED CHECK, CASHIER'S CHECK
OR CASH (PLACED IN SEPARATE ENVELOPE)
TO THIS PAGE**

RETURN WITH BID

20- 5

POWER OF ATTORNEY

RLI Insurance Company

9025 N. Lindbergh Dr. Peoria, IL 61615
Phone: 800-645-2402

Bond No. LSM1034699

Know All Men by These Presents:

That the RLI Insurance Company, a corporation organized and existing under the laws of the State of Illinois, and authorized and licensed to do business in all states and the District of Columbia does hereby make, constitute and appoint: Brandon Sheridan in the City of Quincy, State of California, as it's true and lawful Agent and Attorney In Fact, with full power and authority hereby conferred upon him/her to sign, execute, acknowledge and deliver for and on its behalf as Surety, in general, any and all bond and undertakings in an amount not to exceed Ten Million and 00/100 Dollars (\$10,000,000.00) for any single obligation, and specifically for the following described bond.

Principal: Triumph Electric, Inc.
Obligee: City of Reno
Bond Amount: 5% of Total Amount Bid

The RLI Insurance Company further certifies that the following is a true and exact copy of a Resolution adopted by the Board of Directors of RLI Insurance Company, and now in force to-wit:

"All bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, any Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or Agents who shall have authority to issue bonds, policies or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile."

IN WITNESS WHEREOF, the RLI Insurance Company has caused these presents to be executed by its Vice President with its corporate seal affixed this 9th day of May, 2019.



RLI Insurance Company

By: Barton W. Davis
Barton W. Davis Vice President

State of Illinois }
County of Peoria } SS

On this 9th day of May, 2019, before me, a Notary Public, personally appeared Barton W. Davis, who being by me duly sworn, acknowledged that he signed the above Power of Attorney as the aforesaid officer of the RLI Insurance Company, and acknowledged said instrument to be the voluntary act and deed of said corporation.

By: Gretchen L. Johnnig
Gretchen L. Johnnig Notary Public



CERTIFICATE

I, the undersigned officer of RLI Insurance Company do hereby certify that the attached Power of Attorney is in full force and effect and is irrevocable; and furthermore, that the Resolution of the Company as set forth in the Power of Attorney, is now in force. In testimony whereof, I have hereunto set my hand and the seal of the RLI Insurance Company this 9th day of May, 2019.

RLI Insurance Company
By: Jean M. Stephenson
Jean M. Stephenson Corporate Secretary

A0006817 SUBS BID

CITY OF RENO – PUBLIC WORKS DEPARTMENT

**TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684
PWP WA-2019-123**

BID SUBMISSION

The Bidder's Proposal shall be submitted on the proposal documents provided. Any changes to the "Schedule of Prices" documents beyond providing "unit price" and "item total" amounts will be grounds for bid disqualification. Unit prices for all items, extensions and total amount of bid must be shown. In the event the total amount for an individual bid item does not agree with the product of the estimated quantity and unit price bid for that item, unit price stated for the individual item shall govern and the incorrect total amount for that item shall be corrected. In the event the total bid price does not agree with the sum of the total amounts bid for the respective bid items, the total amounts for the respective bid items shall govern and the incorrect total bid price shall be corrected.

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RETURN WITH BID

SCHEDULE OF PRICES

Triumph Electric
 Company Name

TMWRF 120V Electrical Equipment Replacement Project Phase 1

See Section 01025 for Item Descriptions

BID ITEM	QTY	UNIT	BID ITEM DESCRIPTION	UNIT PRICE	AMOUNT
1.00	1	LUMP SUM	Overall Project Mobilization & Demobilization	\$ 5000 Per LUMP SUM	\$ 5000
2.01	1	LUMP SUM	Demo existing Panelboard B and Transformer, Perform Continuity Check, Install new Panelboard B and Transformer	\$ 16,400 Per LUMP SUM	\$ 16,400
2.02	1	LUMP SUM	Demo existing Panelboard BA, Perform Continuity Check, Install new Panelboard BA	\$ 11,970 Per LUMP SUM	\$ 11,970
2.03	1	LUMP SUM	Demo existing Panelboard C, Transformer, and Lighting Contactor, Perform Continuity Check, Install new Panelboard C, J-Box, and Transformer	\$ 7,190 Per LUMP SUM	\$ 7,190
2.04	1	LUMP SUM	Demo existing Panelboard CA and Lighting Contactor, Perform Continuity Check, Install new Panelboard CA and J-Box	\$ 11,770 Per LUMP SUM	\$ 11,770
2.05	1	LUMP SUM	Demo existing Panelboard CB & Sub-Panel CB and Lighting Contactor, Perform Continuity Check, Install new Panelboard CB & J-Box	\$ 11,440 Per LUMP SUM	\$ 11,440
2.06	1	LUMP SUM	Demo existing Panelboard D, Transformer, and Lighting Contactor, Perform Continuity Check, Install new Panelboard D, J-Box, and Transformer	\$ 15,040 Per LUMP SUM	\$ 15,040
2.07	1	LUMP SUM	For existing Panelboard FF, remove fuse, fuse holder, disc. switch, din rail, and CBs, Perform Continuity Check, Install new fuse disc. switch, din rail, and CBs (Custom Panel)	\$ 6,460 Per LUMP SUM	\$ 6,460
2.08	1	LUMP SUM	Demo existing Panelboard G and Transformer, Perform Continuity Check, Install new Panelboard G and Transformer	\$ 10,700 Per LUMP SUM	\$ 10,700
2.09	1	LUMP SUM	For existing Panelboard GG, remove fuse, fuse holder, disc. switch, din rail, and CBs, Perform Continuity Check, Install new fuse disc. switch, din rail, and CBs (Custom Panel)	\$ 5,530 Per LUMP SUM	\$ 5,530
2.10	1	LUMP SUM	Demo existing Panelboard HH, Perform Continuity Check, Install new Panelboard HH	\$ 5,610 Per LUMP SUM	\$ 5,610

RETURN WITH BID

CITY OF RENO
TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684

PROPOSAL/BID BOND/SCHEDULE OF PRICES

BID ITEM	QTY	UNIT	BID ITEM DESCRIPTION	UNIT PRICE	AMOUNT
2.11	1	LUMP SUM	Demo existing Panelboard J and Transformer, Perform Continuity Check, Install new Panelboard J and Transformer	\$8,700 Per LUMP SUM	\$8,700
2.12	1	LUMP SUM	For existing Panelboard JJ, remove fuse, fuse holder, disc. switch, din rail, and CBs, Perform Continuity Check, Install new fuse disc. switch, din rail, and CBs (Custom Panel)	\$6,580 Per LUMP SUM	\$6,580
2.13	1	LUMP SUM	Demo existing Panelboard K, Transformer, and Lighting Contactor, Perform Continuity Check, Install new Panelboard K and Transformer	\$14,390 Per LUMP SUM	\$14,390
2.14	1	LUMP SUM	For existing Panelboard KK, remove fuse, fuse holder, disc. switch, din rail, and CBs, Perform Continuity Check, Install new fuse disc. switch, din rail, and CBs (Custom Panel)	\$7,990 Per LUMP SUM	\$7,990
2.15	1	LUMP SUM	Demo existing Panelboard M and Transformer, Perform Continuity Check, Install new Panelboard M and Transformer	\$10,380 Per LUMP SUM	\$10,380
2.16	1	LUMP SUM	Demo existing Panelboard N and Transformer, Perform Continuity Check, Install new Panelboard N and Transformer	\$11,680 Per LUMP SUM	\$11,680
2.17	1	LUMP SUM	Demo existing Panelboard P and Transformer, Perform Continuity Check, Install new Panelboard P and Transformer	\$7,300 Per LUMP SUM	\$7,300
2.18	1	LUMP SUM	Demo existing Panelboard RR and Transformer, Perform Continuity Check, Install new Panelboard RR and Transformer	\$13,230 Per LUMP SUM	\$13,230
2.19	1	LUMP SUM	Demo existing Panelboard SS, Perform Continuity Check, Install new Panelboard SS.	\$8,450 Per LUMP SUM	\$8,450
2.20	1	LUMP SUM	Demo existing Panelboard YY, Perform Continuity Check, Install new Panelboard YY.	\$7,740 Per LUMP SUM	\$7,740
3.00	2000	LF	Remove up to 2000-ft of Power or Ground conductor and Install up to 2000-ft of Power or Ground conductor (Contingent item)	\$2.07 Per LF	\$4140

RETURN WITH BID

CITY OF RENO
 TRUCKEE MEADOWS WATER RECLAMATION FACILITY
 120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
 CONTRACT NUMBER I100104-2684

PROPOSAL/BID BOND/SCHEDULE OF PRICES

BID ITEM	QTY	UNIT	BID ITEM DESCRIPTION	UNIT PRICE	AMOUNT
4.00	1	LUMP SUM	Allowance for City of Sparks Building Permit	\$ 15,000 Per LUMP SUM	\$ 15,000
5.00	1	LUMP SUM	Force Account	\$40,000 Per LUMP SUM	\$40,000
TOTAL PROJECT BASE BID PLUS, BUILDING PERMIT & FORCE ACCOUNT					270,910.00

Triumph Electric

Company Name

TMWRF 120V Electrical Equipment Replacement Project Phase 1
 See Section 01025 for Item Descriptions

ITEM	QTY	UNIT	ALTERNATE 'A' ITEM DESCRIPTION	UNIT PRICE	AMOUNT
6.00	1	LUMP SUM	Demo existing Panelboard I and Transformer, Perform Continuity Check, Install new Panelboard I and Transformer	\$10,250 Per LUMP SUM	\$10,250
6.01	1	LUMP SUM	Demo existing Panelboard L and Transformer, Perform Continuity Check, Install new Panelboard L (NEMA 4X) and Transformer	\$15,050 Per LUMP SUM	\$15,050
6.02	1	LUMP SUM	Demo existing Panelboard U and Transformer, Perform Continuity Check, Install new Panelboard U and Transformer	\$13,820 Per LUMP SUM	\$13,820
6.03	1	LUMP SUM	Demo existing Panelboard UPS and Transformer, Perform Continuity Check, Install new Panelboard UPS and Transformer	\$12,680 Per LUMP SUM	\$12,680
6.04	1	LUMP SUM	Demo existing Panelboard V and Transformer, Perform Continuity Check, Install new Panelboard V and Transformer	\$13,650 Per LUMP SUM	\$13,650
ITEM	QTY	UNIT	ALTERNATE 'B' ITEM DESCRIPTION	UNIT PRICE	AMOUNT
7.00	1	LUMP SUM	Demo existing Panelboard A (120/240), Perform Continuity Check, Install new Panelboard A (120/240)	\$7,520 Per LUMP SUM	\$7,520
7.01	1	LUMP SUM	Demo existing Panelboard MCP-L73, Perform Continuity Check, Install new Panelboard MCP-L73	\$15,570 Per LUMP SUM	\$15,570

RETURN WITH BID

**CITY OF RENO
 TRUCKEE MEADOWS WATER RECLAMATION FACILITY
 120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
 CONTRACT NUMBER H100104-2684**

PROPOSAL/BID BOND/SCHEDULE OF PRICES

7.02	1	LUMP SUM	Demo existing Panelboard LPB91106, Perform Continuity Check, Install new Panelboard LPB91106 – NEMA 3	\$ <u>7,020</u> Per LUMP SUM	\$7,020
7.03	1	LUMP SUM	Demo existing Panelboard Outside Chlorination/MPC, Perform Continuity Check, Install new Panelboard Outside Chlorination/MPC	\$ <u>17,450</u> Per LUMP SUM	\$17,450
7.04	1	LUMP SUM	Demo existing Panelboard Z (120/240), Perform Continuity Check, Install new Panelboard Z (120/240)	\$ <u>6,800</u> Per LUMP SUM	\$6,800
TOTAL PROJECT BASE BID PLUS ALTERNATE A					\$338,360.00
					TOTAL AMOUNT
TOTAL PROJECT BASE BID PLUS ALTERNATES A & B					\$392,720.00
					TOTAL AMOUNT

RETURN WITH BID

**CITY OF RENO
TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684**

ADDENDA

SECTION 025 – ADDENDA

CITY OF RENO – PUBLIC WORKS DEPARTMENT

**TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT
PHASE 1**

**CONTRACT NUMBER I100104-2684
PWP WA-2019-123**

As a holder of Specifications and Improvement Plans for the above referenced project the Bidder shall acknowledge receipt of any and all Addenda. The bidder shall acknowledge any indicated change(s) that have been incorporated and/or new pages that have been inserted and/or replaced.

**FAILURE TO ACKNOWLEDGE RECEIPT OF ANY/ALL ADDENDA MAY BE
GROUNDS FOR THE PROPOSAL BEING REJECTED**

ATTENTION BIDDERS

**PLEASE AFFIX ALL EXECUTED ADDENDA
TO THIS PAGE**

RETURN WITH BID

025- 1

SECTION 030 - PRINCIPAL CONTRACTOR

Principals:

Name:

Title:

<u>Ryan Flickinger</u>	/	<u>President</u>
<u>Jess McDaniels</u>	/	<u>Vice President</u>
_____	/	_____

The following principal(s) is/are authorized to enter into contract

For: Triumph Electric
(General Contractor Company Name)

Ryan Flickinger
Jess McDaniels

Principals not listed above:

Name:

Title:

_____	/	_____
_____	/	_____
_____	/	_____

CHECK ONE: CORPORATION PARTNERSHIP INDIVIDUAL-OWNED

I, Ryan Flickinger, certify that the above list includes all owner and financial partners of the above-mentioned company-corporate structure to the best of my knowledge.

[Signature] 5/16/15
Contractor Signature Date

TOTAL VALUE OF THE WORK TO BE COMPLETED BY THE PRIME CONTRACTOR
\$ 302,000.00

MUST BE 50% OR GREATER OF THE TOTAL BASE BID WITHOUT FORCE ACCOUNT.

CITY OF RENO
TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684

LIST OF PRIME AND SUBCONTRACTORS (5% LIST)

SECTION 035 – LIST OF PRIME CONTRACTORS AND FIRST TIER SUBCONTRACTORS (5% LIST)

Per NRS Provision 338.141, each bid submitted must include the name of the Prime Contractor and each first tier Subcontractor who will provide labor or a portion of the work on the public work in an amount exceeding five percent (5%) of the Prime Contractor's total bid.

If a Contractor fails to provide a complete list his bid shall be deemed not responsive. Subcontractors must not be on disqualified status with the State Public Works Board.

Any Bidder whose Proposal is accepted shall not substitute any person or Subcontractor who is named in the Proposal, nor shall sublet any portion of the work not so indicated in their Proposal, without complying with NRS 338.141. Consent to sublet, assign, or otherwise dispose of any portion of the contract shall not be construed to relieve the bidder of their liability under the contract and bonds.

Listed hereinafter is the list of the Prime Contractor and first tier Subcontractors who will be employed and the segregation of the work each will perform if the contract is awarded to the party or parties listed herein.

First tier subcontractor is defined as a contractor who contracts with a prime contractor to provide labor, materials or services for a construction project. NRS 338.141(7)(a).

THE PRIME CONTRACTOR MUST BE LISTED IF THEY WILL PERFORM ANY OF THE WORK IN EXCESS OF 5%.

PRIME CONTRACTOR NAME Triumph Electric

Description of the Labor or a portion of the Work To Be Performed By Prime Contractor pursuant to NRS 338.141(3)(a) or a statement pursuant to NRS 338.141(3)(b).

Electrical Scope of Work

RETURN WITH BID

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CITY OF RENO
TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684

LIST OF PRIME AND SUBCONTRACTORS (5% LIST)

SUBCONTRACTORS (5% LIST)

Work To Be Performed by Subcontractors	Name, Address, & Phone Number	Classification & License Number
Electrical	Triumph Electric 1360 Gros St. Suite 106 Sparks NV # 89436 775-355-1965	C-2 0067820

(ATTACH ADDITIONAL PAGES IF NECESSARY)

Submitted By: Triumph Electric
(Name of Individual, Partnership, or Corporation)

Name and Title: Ryan Flickinger, President

Signed By: [Signature]

SECTION 035 – LIST OF PRIME CONTRACTORS AND FIRST TIER SUBCONTRACTORS (1% LIST)

Within 2 hours of the bid opening, the three lowest bidders must submit a list containing the name of each first tier subcontractor who will provide labor or a portion of the work on public work to the prime contractor meeting either of the following criteria:

- a) Any first tier subcontractor which will be paid an amount exceeding \$250,000,
- b) Any first tier subcontractor which will be paid one percent (1%) of the prime contractor's total bid or \$50,000, whichever is greater.

If a Contractor fails to provide a complete list his bid shall be deemed not responsive. Subcontractors must not be on disqualified status with the State Public Works Board.

Any Bidder whose Proposal is accepted shall not substitute any person or Subcontractor who is named in the Proposal, nor shall sublet any portion of the work not so indicated in their Proposal, without complying with NRS 338.141. Consent to sublet, assign, or otherwise dispose of any portion of the contract shall not be construed to relieve the bidder of their liability under the contract and bonds.

First tier subcontractor is defined as a contractor who contracts with a prime contractor to provide labor, materials or services for a construction project. NRS 338.141(7)(a).

THE PRIME CONTRACTOR MUST BE LISTED IF THEY WILL PERFORM ANY OF THE WORK IN EXCESS OF 1%.

INFORMATION PROVIDED ON THE 5% LISTS SHALL AUTOMATICALLY BE DEEMED INCORPORATED INTO THE 1% LISTS AND NEED NOT BE RE-LISTED BELOW.

PRIME CONTRACTOR NAME Triumph Electric

Description of the Labor or a portion of the Work To Be Performed By Prime Contractor pursuant to NRS 338.141(3)(a) or a statement pursuant to NRS 338.141(3)(b).

Electrical scope of work

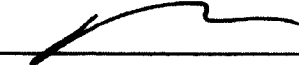
SUBCONTRACTORS (1% LIST)

Description of the Work To Be Performed by Subcontractors	Name, Address, & Phone Number	Classification & License Number
<u>Electrical Scope</u>	<u>Triumph Electric</u> <u>1360 Gros St. Suite 106 Sparks NV 89431</u> <u>775-355-1965</u>	<u>C-2</u> <u>0067820</u>
<u>Concrete Cutting</u>	<u>Penhall Company</u> <u>1801 Penhall Way Anaheim CA 92801</u> <u>714-637-9510</u>	<u>C-5</u> <u>0028809</u>

(ATTACH ADDITIONAL PAGES IF NECESSARY)

Submitted By: Triumph Electric
(Name of Individual, Partnership, or Corporation)

Name and Title: Ryan Flickinger / President

Signed By: 

SECTION 040 - AFFIDAVIT OF NON-COLLUSION

State of Nevada

County of Washoe

I, Ryan Flickinger President
(Name of party signing this affidavit & Proposal Form) (Title)

being duly sworn do depose and say that Triumph Electric
(Name of person, firm, association, or corporation)

has not, either directly or indirectly, entered into agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this contract.

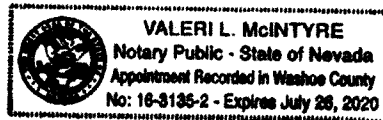
[Signature]
(Signature)

Ryan Flickinger
(Printed Name)

President
(Title)

Sworn to before me this 15th day of May, 2019.

[Signature]
(Notary Public)



(Stamp/Seal)

CITY OF RENO
TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684

CERTIFICATE OF ELIGIBILITY PREFERENCE IN BIDDING

SECTION 045 - CERTIFICATE OF ELIGIBILITY/PREFERENCE IN BIDDING

CITY OF RENO – PUBLIC WORKS DEPARTMENT

**TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684
PWP WA-2019-123**

ATTENTION BIDDERS

**IN ORDER TO CLAIM A PREFERENCE IN BIDDING,
CONTRACTOR MUST PROVIDE THE CERTIFICATE OF
ELIGIBILITY AT THE TIME OF SUBMITTAL OF THE
BID.**

**PLEASE AFFIX “CERTIFICATE OF ELIGIBILITY TO RECEIVE PREFERENCE
IN BIDDING”
TO THIS PAGE**

RETURN WITH BID

045 - 1



NEVADA STATE CONTRACTORS BOARD

5390 KIETZKE LANE SUITE 102, RENO, NEVADA, 89511 (775) 688-1141 FAX (775) 688-1271
2310 CORPORATE CIRCLE, SUITE 200, HENDERSON, NEVADA, 89074, (702) 486-1100 FAX (702) 486-1190

SPECIALTY CONTRACTOR'S RESTRICTED **CERTIFICATE OF ELIGIBILITY** **PER NRS 338.147 and NRS 338.1389**

CERTIFICATE NUMBER: **SBPC-17-11-01-0241**

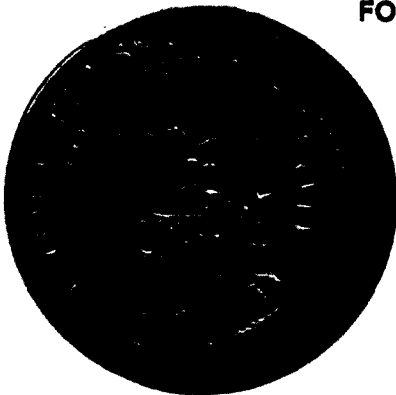
TRIUMPH ELECTRIC (HEREIN THE "CONTRACTOR") NEVADA STATE
CONTRACTORS' LICENSE NUMBER: **0067820** ORIGINAL ISSUE DATE:
02/06/2007 BUSINESS TYPE: **CORPORATION** CLASSIFICATION: **C-2**
ELECTRICAL CONTRACTING MONETARY LICENSE LIMIT: **\$4,300,000**

STATUS: **ACTIVE**, IS HEREBY ISSUED THIS CERTIFICATE BY THE NEVADA STATE
CONTRACTORS' BOARD, BASED UPON THE INFORMATION CONTAINED IN THE
STATEMENT OF COMPLIANCE WITH NEVADA REVISED STATUTES (NRS) 338.147
AND NRS 338.1389 AND THE AFFIDAVIT OF CERTIFIED PUBLIC ACCOUNTANT
SUBMITTED TO THE NEVADA STATE CONTRACTORS BOARD AS PROOF OF
CONTRACTOR'S COMPLIANCE WITH THE PROVISIONS OF NRS 338.147 AND NRS
338.1389. IN ACCORDANCE WITH THE PROVISIONS OF NRS 338.147(3), THE
ABOVE-NAMED CONTRACTOR AND A CERTIFIED PUBLIC ACCOUNTANT HAVE
SUBMITTED FULLY EXECUTED AND NOTARIZED SWORN AFFIDAVITS AS PROOF OF
PREFERENTIAL BIDDER STATUS, UNDER PENALTY OF PERJURY, CERTIFYING
THAT THE CONTRACTOR IS QUALIFIED TO RECEIVE A PREFERENCE IN BIDDING AS
SET FORTH IN NRS 338.147 AND NRS 338.1389 AND OTHER MATTERS RELATING
THERETO **WHEN ACTING AS A PRIME CONTRACTOR ON THE SPECIFIC PUBLIC**
WORKS PROJECT FOR WHICH THIS CERTIFICATE IS SUBMITTED BY THE
CONTRACTOR.

THIS CERTIFICATE OF ELIGIBILITY IS ISSUED ON **MARCH 1, 2019** AND EXPIRES
ON **FEBRUARY 29, 2020**, UNLESS SOONER REVOKED OR SUSPENDED BY THE
NEVADA STATE CONTRACTORS BOARD.



NANCY MATHIAS, LICENSING ADMINISTRATOR DATE
FOR MARGI GREIN, EXECUTIVE OFFICER



The Nevada State Contractors Board assumes no liability or
responsibility for the accuracy or validity of the information
contained in the Contractors Statement of Compliance or the
Affidavit of Certified Public Accountant as Proof of
Contractors Compliance with the Provisions of NRS 338.147
and NRS 338.1389. The above-named Contractor shall bear
the responsibility to ascertain the accuracy and validity of the
affidavits provided to support the issuance of this certificate.

CITY OF RENO
TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE I
CONTRACT NUMBER I100104-2684

AFFIDAVIT REGARDING PREFERENCE IN BIDDING

SECTION 045 - AFFIDAVIT REGARDING PREFERENCE IN BIDDING

To be submitted within 2 hours after completion of the opening of the bids.

State of Nevada

County of Washoe

I, Ryan Flickinger President
(Name of party signing this affidavit & Proposal Form) (Title)

being duly sworn do depose and say that Triumph Electric
(Name of person, firm, association, or corporation)

swear and affirm that in order to be in compliance with Chapter 338.0117 and 338.147 of the Nevada Revised Statutes to receive a preference in bidding on:

**TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684
PWP WA-2019-123**

certify that the following requirement will be adhered to, documented and attained through the duration of the contract. Upon submission of this affidavit I recognize and accept that failure to comply with any requirements entitles the public body to recover a penalty as set forth in NRS 338.0117.

1. The undersigned shall ensure at least 50 percent of the workers on the public work collectively and not on any specific day possess a Nevada driver's license or identification card; I hereby certify the percentage to be 100 % for this contract;
2. The undersigned shall ensure all vehicles used primarily for the public work will be registered and (where applicable) partially apportioned to Nevada pursuant to the International Registration Plan as adopted by the Department of Motor Vehicles pursuant to 045-2;
3. The undersigned shall ensure payroll records related to this project are maintained and available within the State of Nevada.

CITY OF RENO
TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684

AFFIDAVIT REGARDING PREFERENCE IN BIDDING

Subsequent record keeping and reporting by the General Contractor is required in the instance that the preference is used for determining the results of the bid. These requirements are applicable to Contractors who qualify and receive a preference in bidding.



(Signature)

Ryan Flickinger

(Printed Name)

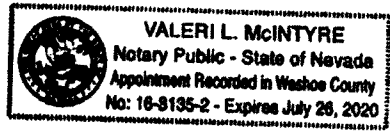
President

(Title)

Sworn to before me this 15th day of May, 2019.

Valeri L. McIntyre

(Notary Public)



(Stamp/Seal)

CITY OF RENO
TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER 1100104-2684 AFFIDAVIT CONCERNING CONFINED SPACE ENTRY COMPLIANCE

SECTION 050 - AFFIDAVIT CONCERNING CONFINED SPACE ENTRY COMPLIANCE

State of Nevada

County of Washoe

I, Ryan Flickinger President
(Name of party signing this affidavit & Proposal Form) (Title)

being duly sworn do depose and say that Triumph Electric
(Name of person, firm, association, or corporation)

has, and shall continue during the course of this Contract, to comply with the U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) regulations, as outlined in the 29 CFR Parts 1910; "Permit-Required Confined Spaces for General Industry; Final Rule".

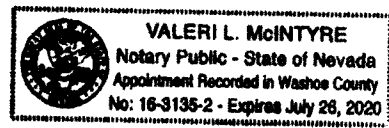
[Signature]
(Signature)

Ryan Flickinger
(Printed Name)

President
(Title)

Sworn to before me this 15th day of May, 2019.

[Signature]
(Notary Public)



(Stamp/Seal)

CITY OF RENO
TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684

LABOR AND EQUIPMENT RATES

SECTION 055 – LABOR & EQUIPMENT RATES

CITY OF RENO – PUBLIC WORKS DEPARTMENT

TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684
PWP WA-2019-123

ATTENTION BIDDERS

**PLEASE AFFIX LABOR & EQUIPMENT RATES
SUBMIT WITHIN 2 HOURS OF THE BID OPENING**

Rates schedule shall contain a list of ALL construction equipment, hourly rates of said equipment, and hourly rates of ALL personnel proposed to be utilized on this Contract. At the discretion of the Engineer, the schedule may be used for unanticipated extra work during the project.



TIME AND MATERIAL PRICE SHEET

1-01-19 – 12-31-19

STRAIGHT TIME RATES

GENERAL FOREMAN	\$93.00 per hour
FOREMAN	\$85.00 per hour
JOURNEYMEN ELECTRICIAN	\$80.00 per hour
APPRENTICE	\$62.00 per hour

TIME AND A HALF RATES

GENERAL FOREMAN	\$130.00 per hour
FOREMAN	\$120.00 per hour
JOURNEYMEN ELECTRICIAN	\$112.00 per hour
APPRENTICE	\$83.00 per hour

DOUBLE TIME RATES

GENERAL FOREMAN	\$165.00 per hour
FOREMAN	\$154.00 per hour
JOURNEYMEN ELECTRICIAN	\$143.00 per hour
APPRENTICE	\$105.00 per hour

Regular working hours are Monday thru Friday from 6:00am to 5:30pm.
Time and a half after 8hrs Monday thru Friday and Saturday from 6:00am to 5:30pm.
Double time hours after 10hrs Monday thru Friday and after 8hrs on Saturday, and all day
Sundays and holidays.

SECTION 060 – PREVAILING WAGE RATES

ACKNOWLEDGEMENT AND STIPULATION OF BIDDER REGARDING PENALTIES FOR
NONCOMPLIANCE WITH NEVADA PREVAILING WAGE REQUIREMENTS

TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684
PWP WA-2019-123

The undersigned Bidder acknowledges and stipulates that:

1. This Contract is for a public work as set forth in Nevada Revised Statutes Chapter 338.
2. A Contractor engaged on public works shall forfeit, as a penalty to the public body on behalf of which the Contract has been made and awarded to the Contractor, not less than \$20 nor more than \$50 for each calendar day or portion thereof that each person employed on the public work is paid less than the designated rate for any work done under the Contract, by the Contractor or any Subcontractor under them, unless waived by the Labor Commissioner for good cause shown.
3. A Contractor engaged on a public work shall forfeit, as a penalty to the public body on behalf of which the Contract has been made and awarded to the Contractor, not less than \$20 nor more than \$50 for each calendar day or portion thereof for each person employed on the public work for which the Contractor or Subcontractor willfully included inaccurate or incomplete information in the monthly record required to be submitted to the public body pursuant to subsection 5 of NRS 338.070, unless waived by the Labor Commissioner for good cause shown.
4. A Contractor engaged on a public work shall forfeit, as a penalty to the public body on behalf of which the Contract has been made and awarded to the Contractor, not less than \$20 nor more than \$50 for each calendar day or portion thereof that each person employed on the public work is not reported to the public body awarding the Contract by the Contractor or any of their Subcontractors as required pursuant to subsection 5 of NRS 338.070, unless waived by the Labor Commissioner for good cause shown, up to a maximum amount of:
 - a. For the first failure to comply during the term of the Contract for public work, \$1,000; and
 - b. For each subsequent failure to comply during the term of the Contract for public work, \$5,000.
5. If a violation of more than one provision of subsections 1, 2 and 3 involves the same Persons, the Contractor shall forfeit the penalty set forth in each subsection that was violated, unless waived by the Labor Commissioner for good cause shown.
6. If a penalty is imposed pursuant to this section, the costs of the proceeding, including investigative costs and attorney's fees, may be recovered by the Labor Commissioner.

Triumph Elednc
(Name of Company)

Ryan Flickinger President
(Name and Title of Authorized Representative)

[Signature]
(Signature)

5/16/19
(Date)

RETURN WITH BID

SECTION 061 - AFFIDAVIT REGARDING NON-DEBARMENT

State of Nevada

County of Washoe

I, Ryan Flickinger President
(Name of party signing this affidavit & Proposal Form) (Title)

being duly sworn do depose and say that Triumph Electric
(Name of person, firm, association, or corporation)

has not, either directly or indirectly, been debarred from receiving contracts from the Federal Government pursuant to 48 CFR §§ 9.400 et seq. (NRS 338.017 (2) & (3)).

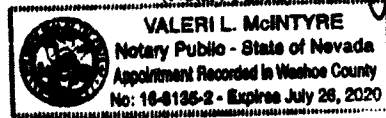
[Signature]
(Signature)

Ryan Flickinger
(Printed Name)

President
(Title)

Sworn to before me this 15th day of May, 2019.

Valeri L. McIntyre
(Notary Public)



(Stamp/Seal)

CITY OF RENO
TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684 AFFIDAVIT OF CERTIFICATION FOR DRUG/ALCOHOL POLICY

SECTION 065 - AFFIDAVIT OF CERTIFICATION FOR DRUG AND ALCOHOL POLICY

State of Nevada

County of Washoe

I, Ryan Flickinger President
(Name of party signing this affidavit & Proposal Form) (Title)

being duly sworn do depose and say that Triumph Electric
(Name of person, firm, association, or corporation)

has in place a drug and alcohol policy that will be actively enforced and that all workers who will be employed on the City of Reno Public Works Construction Project will be subject to the policy.

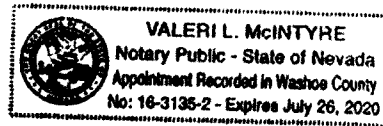
[Signature]
(Signature)

Ryan Flickinger
(Printed Name)

President
(Title)

Sworn to before me this 15th day of May, 2019.

Valeri L. McIntyre
(Notary Public)



(Stamp/Seal)

RETURN WITH BID

SECTION 066 - ACKNOWLEDGMENT OF INSURANCE REQUIREMENTS

The undersigned bidder acknowledges and agrees to comply with the insurance requirements set forth in Section 100.14 – Insurance.

The bidder acknowledges that they can acquire the required coverage and that this has been verified by their insurance company prior to submitting a bid.

Any requests for clarification regarding insurance requirements must be prior to submitting a bid.



(Signature)

Ryan Flickinger

(Printed Name)

President

(Title)

RETURN WITH BID

066 - 1

**CITY OF RENO
TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684**

NEVADA CONTRACTOR'S LICENSE

SECTION 067 – CONTRACTOR'S LICENSE

CITY OF RENO – PUBLIC WORKS DEPARTMENT

**TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684
PWP WA-2019-123**

ATTENTION BIDDERS

**PLEASE AFFIX “CONTRACTOR LICENSE”
TO THIS PAGE**

RETURN WITH BID

067 - 1

Southern Nevada Office
2310 Corporate Circle, Suite 200
Henderson, Nevada 89074
(702) 486-1100

Northern Nevada Office
5390 Kietzke Lane, Suite 102
Reno, Nevada 89511
(775) 688-1141

STATE CONTRACTORS BOARD

The Nevada State Contractors Board certifies that

TRIUMPH ELECTRIC

Licensed since February 06, 2007

License No. **0067820**

Is duly licensed as a contractor in the following classification(s):

PRINCIPALS:

RYAN FLICKINGER, President, QI
JESS MCDONIELS, Secretary, QI

C-2 Electrical

LIMIT: **\$4,300,000**
EXPIRES: **02/28/2021**



Chair, Nevada State Contractors Board



**CITY OF RENO
TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684**

BUSINESS LICENSE

SECTION 067 – BUSINESS LICENSE

CITY OF RENO – PUBLIC WORKS DEPARTMENT

**TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684
PWP WA-2019-123**

“CITY OF RENO & CITY OF SPARKS BUSINESS LICENSES”

**CITY OF RENO & CITY OF SPARKS BUSINESS LICENSES ARE
REQUIRED BY DATE OF AWARD, NOT AT TIME OF BID**

RETURN WITH BID

067 - 2

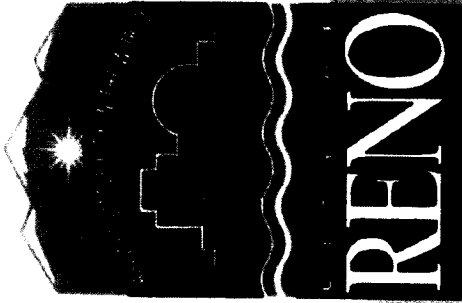
THIS LICENSE MUST BE PLACED
IN A CONSPICUOUS PLACE

LICENSE #: R104849A
Annual
License

EFFECTIVE DATE: 04/01/2019

EXPIRATION DATE: 03/31/2020

BUSINESS
CLASSIFICATION: Contractor



RENO, WASHOE CO., NEVADA

BUSINESS LOCATION:

1360 GREG ST
SPARKS, NV 89431

THIS LICENSE EXPIRES AS SPECIFIED
ABOVE

NAME OF BUSINESS:

Triumph Electric

LICENSEE-NAME AND ADDRESS:

Jess McDaniels
1360 Greg St 106
SPARKS, NV 89431

LICENSEE BUSINESS TO BE
CONDUCTED IN CONFORMITY WITH
AND SUBJECT TO THE STATUTES OF
NEVADA AND REPO MUNICIPAL CODE

CITY CLERK

City of Reno



ANNUAL LICENSE

Business License Number: S074882A-LIC

Issue Date: April 10, 2019

Business Classification: Annual

Expiration Date: April 10, 2020

Description: Contractor


Amount: \$1,707.34

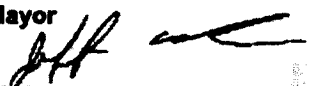
Business Name: Triumph Electric Inc

DBA: Triumph Electric Inc

Business Location: 1360 Greg ST 106, Sparks, NV 89431

Licensee: Jess B McDaniels
Ryan Flickinger



Mayor


Finance Director

Licensed business to be conducted in whole or in part within the City of Sparks in conformity with and subject to the provisions of the law.

TO BE POSTED IN A CONSPICUOUS PLACE

BUSINESS LICENSES ARE NOT TRANSFERABLE

CITY OF SPARKS
County of Washoe, State of Nevada
Business License Division 431 Prater Way Sparks, Nevada 89431
P.O. Box 857 Sparks, Nevada 89432 (775) 353-5555
business@cityofsparks.us

SECTION 070 – CONTRACT

CONTRACT

This agreement, made and entered into this _____ day of _____, 2019, in Reno, Nevada, by and between the City of Reno, hereinafter called the City, and _____, hereinafter called the Contractor.

Witnesseth, that the Contractor agrees with the City, for the consideration and Agreements hereinafter mentioned and contained to be made and performed by the City, and under the conditions expressed in two (2) bonds bearing even date with these presents, approved by the City Attorney and hereunto annexed, that they, the Contractor, shall and will at their own proper cost and expense, do all the work and furnish all the materials, necessary for the substantial construction and completion and to the satisfaction of the City.

**TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684
PWP WA-2019-123**

together with incidental items necessary to complete the work in strict conformity, in every part and particular, with the annexed plans, special provisions and technical specifications which are made a part hereof (Contract Documents), and in full compliance with the terms of this agreement.

And the Contractor hereby further agrees to receive and accept the unit prices set forth in the "Schedule of Prices" forms hereto annexed and hereby made a part of this agreement, as full compensation for furnishing all materials and labor, and the doing of all work, to the satisfaction of the City and in the manner and under the conditions hereinafter specified.

The City hereby promises and agrees with the Contractor, to employ, and does hereby employ, the Contractor to provide the materials and to complete all the work according to the terms and conditions herein contained and referred to, for the prices in the Proposal Schedule of Prices Bid Form, and hereby contracts to pay the said Contractor at the time, in the manner, and upon the conditions set forth in the Contract Documents, and the said parties themselves, their heirs, executors, administrators, successors, and assigns, do hereby agree to the full performance of the covenants herein contained.

The Contractor further agrees that no monies payable under this contract shall be assigned by power of attorney, or otherwise, except upon written consent of the City.

The Contractor covenants and agrees to conform to and comply with all requirements contained in Wage, and Equal Opportunity requirements hereto annexed and hereby made a part of this Agreement. The Contractor further agrees that they shall promptly repair, replace, restore or rebuild, as the City may determine, any finished work in which defects of materials or workmanship may appear or to which damage may occur, because of such defects, during a one-year period subsequent to the date of final acceptance.

It is further expressly agreed, by and between the parties hereto, that should there be any conflict between the Contract Documents and the Proposal of said Contractor, then Contract Documents shall control and nothing herein shall be considered an acceptance of the said terms of said proposal conflicting therewith.

Furthermore, the components of the Contract Documents shall be assigned the following hierarchy, with the items listed in order of decreasing control as follows:

- Executed Change Orders
- Contract
- Addenda
- Special Provisions or Technical Specifications
- Supplemental General Provisions
- Proposal
- City of Reno Standard Detail Drawings
- Standard Specifications for Public Works Construction

In the event of a conflict between the Specifications and the Drawings, the more restrictive shall prevail.

The Contractor hereby further agrees to receive and accept the Contract Sum of _____ Dollars (\$ _____), as full compensation for furnishing all materials and labor, and the doing of all work, to the satisfaction of the Owner, and in the manner and under the conditions specified in the Contract Documents.

And the said Contractor hereby further agrees that the payment of the final amount due under this Contract shall release the City from any and all claims or liability on account of work performed under this Contract other than such claims, if any, as may be specifically excepted by the Contractor in writing at the time final payment is made.

In witness whereof, the parties to these presents have hereunto set their hands and seals the year and date first above written.

ATTEST:

City of Reno, Nevada

City Clerk, City of Reno

Hillary L. Schieve, Mayor

I hereby certify that I have examined the written contract and find the same to be in accordance with the Reno Municipal Code.

By: _____
(Deputy City Attorney)

CONTRACTOR'S ACKNOWLEDGEMENT

(Company Name)

(Principal Signature)

(Principal Printed Name)

CONTRACTOR'S NOTARY:

State of _____

County of _____

(Name of party signing this affidavit & Proposal Form)

known to me to be the _____ of
(Title)

(Company Name)

acknowledged to me that he executed the above instrument.

Sworn to before me this _____ day of _____, 2019.

(Notary Public)

(Stamp/Seal)

SECTION 075 - PERFORMANCE BOND

BOND NO. _____

KNOW ALL MEN BY THESE PRESENTS:

That WHEREAS, the City of Reno in the State of Nevada has awarded to

_____ hereinafter designated as the "Principal", a Contract for construction of the Truckee Meadows Water Reclamation Facility 120V Electrical Equipment Replacement Project Phase 1, Contract Number I100104-2684, and WHEREAS, said Principal is required under the terms of said Contract to furnish a Bond for the faithful performance of said Contract;

NOW, therefore, we the Principal and _____ as surety, are held and firmly bound unto the City of Reno in the State of Nevada, in the penal sum of

_____ Dollars

(\$ _____), lawful money of the United States, being not less than one hundred percent (100%) of the estimated Contract cost of the work for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that if the above bounden Principal, their heirs, executors, administrators, successors, or assigns, shall in all things abide by, and well and truly keep and faithfully perform the covenants, conditions and agreements in the said Contract and any alterations made as therein provided, on his or its part to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning; and shall indemnify and save harmless the City of Reno in the State of Nevada, its officers and agents, as therein stipulated; then this obligation shall become null and void. Otherwise, it shall be and remain in full force and virtue.

As a condition precedent to the satisfactory completion of the said contract, the above obligation shall hold good for a period of one (1) year after the completion and acceptance of the said work, during which time if the above bounden principal, their heirs, executors, administrators, successors or assigns shall make full, complete and satisfactory repair and replacements or totally protect the said City of Reno in the State of Nevada from loss or damage made evident during said period of one (1) year from the date of acceptance of said works, and resulting from or caused by defective materials or faulty workmanship in the prosecution of the work done.

Further, the above obligation shall hold good by the above bounden Principal, his heirs, executors, administrators, successors or assigns during the one (1) year warranty period if any defect is found to exist and efforts to rectify the defect cannot be executed during the one (1) year warranty period, the warranty period shall extend until the defect is remedied to the full and complete satisfaction of the City of Reno in the State of Nevada. If this defect causes additional defects during this extended warranty period, the additional defects shall also be remedied by the above bounden Principal, his or its heirs, executors, administrators, successors or assigns to the full and complete satisfaction of the City of Reno in the State of Nevada. The above obligation shall remain in full force and effect; otherwise the above obligation shall be void.

And the said surety, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract, or to the work to be performed hereunder, or to the specifications accompanying the same, shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration to the terms of the contract, or to the work, or to the specifications.

**CITY OF RENO
TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER 1100104-2684**

PERFORMANCE BOND

The Bond shall inure to the benefit of any and all persons, companies and corporations entitled to file claims under NRS Chapter 339, so as to give a right of action to them or their assigns in any suit brought upon this Bond.

CONTRACTOR:

(Company Name)

(Principal Signature)

(Principal Printed Name)

CONTRACTOR NOTARY:

State of _____

County of _____

(Name of party signing this affidavit & Proposal Form)

known to me to be the _____ of
(Title)

(Company Name)

acknowledged to me that he executed the above instrument.

Sworn to before me this _____ day of _____, 2019.

(Notary Public)

(Stamp/Seal)

APPROVED AS TO LEGAL FORM:

(Deputy City Attorney)

SURETY:

(Surety Company Name)

(Surety Authorized Signature)

(Surety Printed Name)

SURETY NOTARY:

State of _____

County of _____

(Name of party signing this affidavit & Proposal Form)

known to me to be the _____ of
(Title)

(Company Name)

acknowledged to me that he executed the above instrument.

Sworn to before me this _____ day of _____, 2019.

(Notary Public)

(Stamp/Seal)

Countersigned by Licensed Agent

(Signature)

On _____ for _____
(Date) (Licensed Agent Company Name)

(Street Address)

(City, State & Zip Code)

(Phone Number)

SECTION 080 - LABOR AND MATERIALS BOND

BOND NO. _____

KNOW ALL MEN BY THESE PRESENTS:

That WHEREAS, the City of Reno in the State of Nevada has awarded to

_____ hereinafter designated as the "Principal", a Contract for construction of the Truckee Meadows Water Reclamation Facility 120V Electrical Equipment Replacement Project Phase 1, Contract Number I100104-2684, and WHEREAS, said Principal is required under the terms of said Contract to furnish a Bond for the faithful performance of said Contract;

NOW, therefore, we the Principal and _____ as surety, are held and firmly bound unto the City of Reno in the State of Nevada, in the penal sum of

_____ Dollars

(\$ _____), lawful money of the United States, being not less than one hundred percent (100%) of the estimated Contract cost of the work for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that if the above bounden Principal, their heirs, executors, administrators, successors, or assigns, shall fail to pay for any materials, provisions, supplies, implements or machinery used in, upon, for, or about the performance of work contracted to be done, or for any work or labor thereon of any kind, or for amounts due under the Unemployment Compensation Law with respect to such work or labor, as required by the provisions of NRS Chapter 612, and provided that the claimant shall have complied with the provisions of said law, the Surety hereon will pay for the same within thirty (30) calendar days an amount not exceeding the sum specified in this bond, and the above obligation shall then be null and void. Otherwise, it shall remain in full force and account. In case suit is brought upon this Bond the said Surety agrees to pay a reasonable attorney's fee to be fixed by the Court.

And the said surety, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract, or to the work to be performed hereunder, or to the specifications accompanying the same, shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration to the terms of the contract, or to the work, or to the specifications.

The Bond shall inure to the benefit of any and all persons, companies and corporations entitled to file claims under NRS Chapter 339, so as to give a right of action to them or their assigns in any suit brought upon this Bond.

(THE REMAINDER OF THIS PAGE HAS BEEN INTENTIONALLY LEFT BLANK)

CONTRACTOR:

(Company Name)

(Principal Signature)

(Principal Printed Name)

CONTRACTOR NOTARY:

State of _____

County of _____

(Name of party signing this affidavit & Proposal Form)

known to me to be the _____ of
(Title)

(Company Name)

acknowledged to me that he executed the above instrument.

Sworn to before me this _____ day of _____, 2019.

(Notary Public)

(Stamp/Seal)

APPROVED AS TO LEGAL FORM:

(Deputy City Attorney)

SURETY:

(Surety Company Name)

(Surety Authorized Signature)

(Surety Printed Name)

SURETY NOTARY:

State of _____

County of _____

(Name of party signing this affidavit & Proposal Form)

known to me to be the _____ of
(Title)

(Company Name)

acknowledged to me that he executed the above instrument.

Sworn to before me this _____ day of _____, 2019.

(Notary Public)

(Stamp/Seal)

Countersigned by Licensed Agent _____
(Signature)

On _____ for _____
(Date) (Licensed Agent Company Name)

(Street Address)

(City, State & Zip Code)

(Phone Number)

SECTION 100 – SUPPLEMENTAL GENERAL PROVISIONS

CITY OF RENO – PUBLIC WORKS DEPARTMENT

SUPPLEMENTAL GENERAL PROVISIONS

**TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684
PWP WA-2019-123**

100.00.01 – STANDARD SPECIFICATIONS

All materials furnished and work performed shall be done in accordance with the 2012 edition of "Standard Specifications for Public Works Construction" (Orange Book) and any revisions thereto if not covered by the Supplemental General Provisions and the contract documents. The "Standard Specifications for Public Works Construction" are herein referred to as "Standard Specifications". In the event of conflict, error, ambiguity or discrepancy between provisions of the Supplemental General Provisions and/or the contract documents and the Standard Specifications hereinbefore mentioned, the Supplemental General Provision and the contract documents shall take precedence. The Supplemental General Provisions are additions to the Standard Specifications unless specified as a deletion or replacement.

Reference to standards, specifications, manuals or codes of any technical society, organization or association, or to laws or regulations of any governmental authority, whether such reference be specific or by implication, shall mean the latest standard, specification, manual, code or laws or regulations in effect at the time of opening of bids, except as may be otherwise specifically stated in these contract documents. The contract documents shall take precedence over any provisions of any such laws or regulations applicable to the performance of the work unless the interpretations of the contract document provisions would result in violation of such law or regulation.

100.00.02 – STANDARD DETAILS

The City of Reno "Supplemental Standard Drawing Details" and any revisions thereto, herein referred to as "Standard Details" shall apply to this contract except as modified in the Improvement Plans and/or by these Specifications.

100.00.03 – SCOPE OF WORK

The work to be performed under this contract includes demolition and removal of the existing panelboards, transformers, and lighting contactors, providing and installing new panelboards and transformers, concrete and wallboard repair, temporary power to existing lighting, and power pumps and controls, and other miscellaneous work as outlined in the plans and specifications.

Contract prices in the "Schedule of Prices" forms shall be considered full compensation for all labor, materials, tools, equipment, overhead, profit, insurance, bonding, taxes, and all other incidentals necessary to complete the construction as shown on the Improvement Plans and/or as specified in Contract Documents under this Contract. Actual installed quantities of each item proposed on a unit price basis will be determined during construction in the manner set up for each proposed item in these Specifications. Payment for all items in the "Schedule of Prices" forms will constitute full compensation for all work shown and/or specified to be performed under this project.

100.00.04 – CONTRACTOR COOPERATION

The Contractor should note that, in addition to this Contract, there may be other Contractors executing construction contracts for other agencies in the area. In the event of concurrent work, it shall be the responsibility of the Contractor to coordinate operations in such manner so that all requirements, restrictions and stipulations specified in these Contract Documents are met. The Contractor should also note that the operation of adjacent facilities cannot be impacted by this construction project. Contractor will need to maintain access to adjacent operating facilities for TMWRF staff and coordinate any activities that may impact access to these facilities.

100.01.05 – CALENDAR DAY CONTRACT

This is a calendar day Contract. A calendar day shall be defined as any day, whether a City recognized holiday or not.

100.01.11 – CONTRACT TIME

The Contractor shall begin executing contract work on the date when the Contract Time commences to run, with the exception that no physical work shall be performed at any site prior to both the Contract Time commencing and completion of tasks identified in Section 100.21. The Contract Time shall commence as set forth in the "Notice to Proceed". The Contractor shall begin work no later than the date set forth in the "Notice to Proceed" and shall diligently prosecute the same to completion before the expiration of **one hundred fifty (150) calendar days** from that date. Failure to complete the above work within the specified time requirements will subject the Contractor to liquidated damages in accordance with Subsection 100.39 of these Specifications. The Contract time includes up to three (3) weather days. In the event of additional weather delay exceeding the three (3) allocated, one calendar day will be extended to the contract and the contract end date will extend.

Where used within this document, the following definitions shall apply to the hours and days of operation:

Normal Working Hours and Days: From 7:00 AM to 6:00 PM, Monday through Friday, excluding holidays. This applies to equipment start up and operation of all equipment.

Night Time Hours: From one-half (1/2) hour after sunset to one-half (1/2) hour before sunrise. This applies to the start-up and operation of all equipment.

Weekend Working Hours: From 7:00 PM Friday to 5:00 AM Monday, excluding Holidays.

Weather Day: A weather day will be defined as delays caused by the effects of rains or other inclement weather conditions, related adverse soil conditions or suspension of operations that prevent the Contractor from productively performing controlling items of work resulting in:

1. The Contractor being unable to work at least 50% of the normal work day on pre-determined controlling work items; or
2. The Contractor must make major repairs to work damaged by weather, provided that the damage is not attributable to the Contractor's failure to perform or neglect; and provided that the Contractor was unable to work at least 50% of the normal workday on pre-determined controlling work items.

If the Contractor intends to seek approval to perform contract work outside normal working hours and/or working days such approval must be obtained from the City's Project Manager at least twenty-four (24) hours prior to commencing such work.

If the Contractor intends to seek approval to perform contract work on Saturday or Sunday, approval must be obtained by the Monday preceding work on the Saturday or Sunday for which work is planned. If the Contractor intends to seek approval to perform work on a legal holiday, they must obtain such approval from the City's Project Manager at least seven calendar days in advance.

The contractor may work in excess of 8 hours in each work day, however the Contractor must pay overtime wages according to the laws governing public works construction.

The Contractor shall be responsible for any services, costs, overtime, etc., incurred by City for work performed on legal holidays and outside the normal working hours and days.

100.01.17 – HOLIDAYS

Delete Standard Specification section and replace with the following:

No contract work shall be performed on the following legal holidays recognized by the City unless approved by the City's Project Manager:

- New Year's Day (January 1)
- Martin Luther King Day (3rd Monday in January)
- President's Day (3rd Monday in February)
- Memorial Day (Last Monday in May)
- Independence Day (July 4)
- Labor Day (1st Monday in September)
- Nevada Day (Last Friday in October)
- Veteran's Day (November 11)
- Thanksgiving Day (4th Thursday in November)
- Day after Thanksgiving Day (4th Friday in November)
- Christmas Day (December 25)
- Other days declared by the President of the United States, Governor of Nevada

100.05.01 – EXAMINATION OF PLANS AND SITE

Delete Standard Specification section and replace with the following:

Each Bidder shall visit the site of the proposed work and become fully acquainted with conditions relating to construction and labor so that the Bidder may fully understand the complexities of the site and work. The failure of any Bidder to receive or examine any form, instrument, addendum or other document or to visit the site and

become acquainted with conditions there existing shall in no way relieve any obligations with respect to the Bidder's proposal or to the Contract.

100.11 – AWARD OF CONTRACT OR REJECTION OF PROPOSALS

If the award is made, the City will award the contract to the best bid that complies with the instructions in these Contract Documents. The award, if made, will be within 90-calendar days after the opening of the Proposal. The City may award the base bid, or base bid plus additive alternates as budget will allow to the bidder who submits the best bid pursuant to the requirements of Chapter 338.147 of the NRS. Any Alternatives awarded will be in the order listed.

The City reserves the right to reject any or all proposals. The competency and responsibility of bidder as evidenced by the information accompanying the proposal, which will be subject to verification, will be considered in making the award. The proposal may be rejected if the unit prices contained in the proposal are unbalanced, either in excess or below reasonable cost analysis.

The City reserves the right to waive requirements relating to minor irregularities in the proposal documents when it is deemed to be in the best interests of the City to do so.

Before any contract is awarded, the bidder may be required to furnish a complete statement of origin, composition, and manufacture of any or all materials to be used in the construction of the work, together with samples, if required by the Specifications to determine their quality and fitness for the work.

100.11.01– PREFERENCE IN BIDDING

Pursuant to Chapter 338 of the Nevada Revised Statutes 338.0117 and 338.147, to qualify to receive a preference in bidding a contractor must submit within 2 hours after the completion of the opening of the bids, a signed affidavit which certifies that for the duration of the project the following will be:

At least 50 percent of all workers employed on the public work, including, without limitation, any employees of the contractor, applicant or design-build team and of any subcontractor engaged on the public work, collectively and not on any specific day, will hold a valid driver's license or identification card issued by the Department of Motor Vehicles of the State of Nevada;

All vehicles used primarily for the public work will be:

- (1) Registered and partially apportioned to Nevada pursuant to the International Registration Plan, as adopted by the Department of Motor Vehicles pursuant to NRS 706.826; or
- (2) Registered in this State;

At least 50 percent of the design professionals working on the public work, including, without limitation, any employees of the contractor, applicant or design build team and of any subcontractor engaged on the public work, collectively and not on any specific day, will have a valid driver's license or identification card issued by the Department of Motor Vehicles;

The contractor, applicant or design-build team and any subcontractor engaged on the public work will maintain and make available for inspection within this State his or her records concerning payroll relating to the public work.

A failure to comply with any requirement of NRS 338.0117 entitles the public body to a penalty pursuant to Subsections 5 and 6 of NRS 338.0117.

100.12 – CONTRACT, PROJECT CONSTRUCTION COORDINATION

The Bidder to whom award is made shall execute a written Contract with the City of Reno within ten (10) calendar days after the date on which the Contract is awarded, and shall deliver the contract with the contractor's signature affixed thereto, together with the bonds prescribed by law and these specifications to the agency.

At the preconstruction meeting, the Contractor shall designate a representative who will be on the job or available for communication at all times during construction. The Contractor's representative shall be available twenty-four (24) hours a day by mobile telephone, home telephone, answering service, pager, or other means acceptable to the City's Project Manager. The representative shall be the contact person representing the Contractor and shall be capable of giving direct field orders as the need arises and addressing property owner concerns. Official job communication shall be conducted between the Contractor's representative and the City's Project Manager. It is the intent of this Contract that the Contractor's representative shall be the same person for the entire duration of the project. A proposed change of the Contractor's representative during the course of the project is subject to approval by the City.

Contractor shall not subcontract more than 50% of the total cost of the project.

100.13 – CONTRACT SECURITY

The successful bidder shall, at the time of signing the Contract, furnish the following listed bonds of a surety company or companies authorized to do business in the State of Nevada and satisfactory to the City of Reno. The bonds shall be made payable to the City of Reno.

100.13.01 – PERFORMANCE BOND

A bond in an amount equal to 100 percent of the full amount of the Contract, as surety for the faithful performance of the Contract, and for the fulfillment of such other requirements as may be provided by law shall be required. The faithful performance bond shall remain in effect for one (1) year after final payment has been accepted by the Contractor.

100.13.02 – LABOR AND MATERIALS BOND

A bond in an amount equal to 100 percent of the full amount of the Contract as surety for the payment of materials and labor costs for which the Contractor has obligated themselves, will be required.

100.14 – INSURANCE

Each insurance policy shall bear at least thirty (30) day written notice of cancellation to the certificate holder for any reason other than non-payment of premium which shall bear at least ten (10) day written notice of cancellation.

If the city is notified prior to completion of this contract, that any required insurance is or will be no longer in effect or is scheduled to be cancelled, the city will issue a notice that if insurance is not reinstated prior to expiration of the policy the work will be suspended. It will be the sole responsibility of the contractor to re-establish any and all insurances no longer in effect and provide a copy of current insurance to the City's Project Manager before contractor is allowed to continue work on the jobsite. The insurance must be the same coverage as the original insurance required by this contract. The contractor is not allowed to do any work until it receives a written notice from the city to resume work. The city will not bear any costs associated with the work stoppage due to the lapse in insurance, nor any costs associated with any mobilization or de-mobilization incurred by the contractor due to the insurance lapse. Working days will remain in effect during this time and will continue to count as if the contractor was still working.

If the insurance is not re-established prior to the cancellation date, the contractor will be considered in breach of contract and the contract will be terminated pursuant to Section 100.28.

100.14.01 – LIABILITY INSURANCE

At all times during the agreement term, Contractor shall procure and maintain, at its sole expense, the following insurance coverage unless waived in writing:

Commercial General Liability at least as broad as Insurance Services Office Commercial General Liability Coverage "occurrence" form CG OO OI 04 13 or an equivalent form. The Comprehensive General Liability Coverage shall include, but is not limited to, liability coverage arising from premises, operations, independent contractors, products and completed operations, personal and advertising, injury, blanket contractual liability and broad form property damage.

The following coverage shall not be limited, by endorsement or otherwise:

1. Contractual liability coverage, including the definition of "Insured Contract" and the contractual liability exception to the employer's liability exclusion
2. Completed operations coverage, including the subcontractor exception to the "damage to 'your work'" exclusion
3. The provisions of Subparts (5) and (6) of the "damage to property" exclusion pertaining to "that particular part..." in ISO form CG 00 01 04 13.

If any underground work will be performed, the policy shall be endorsed to include electronic data liability coverage form CG 04 37 (or equivalent) unless the City waives this requirement in writing.

In addition, Explosion, Collapse, Pollution and Underground coverage must be reflected in the insurance certificates unless the City waives this requirement in writing.

The Contractor shall maintain limits of no less than \$2,000,000 per occurrence, \$4,000,000 general aggregate and \$4,000,000 products-completed operations aggregate, or the amounts customarily carried by the Contractor, whichever are greater. The general aggregate limit shall apply on a per project or location basis.

The policy shall include the City, including its elected officials, officers, employees, agents and volunteers as additional insureds with respect to liability arising out of the activities performed by or on behalf of the Contractor, including the insured's general supervision of the Contractor, products and completed operations of

the Contractor and for premises owned, occupied or used by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to the additional insureds.

The Additional Insured Endorsements for General Liability shall be at least as broad as the unmodified ISO CG 20 10 04 13 and ISO CG 20 37 04 13 endorsements, or equivalent, including additional insured coverage for the Contractor's premises, operations products and completed operations exposures. The certificate shall confirm Excess Liability is following form.

The Contractor shall obtain and maintain Completed Operations Liability Insurance through the statute of repose after completion of the Project. The limit of Completed Operations Liability Insurance coverage shall be the same as the limit for General Liability.

The Contractor's insurance coverage shall be considered primary insurance. Any insurance or self-insurance maintained by the City shall be excess of the Contractor's insurance and shall not contribute in any way.

The Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

Any failure by the Contractor to comply with reporting provisions of the policies shall not affect its obligations to the additional insureds.

The Contractor shall furnish the City a policy or certificate of liability insurance issued by an authorized representative of the insurance carrier including policy forms and endorsements confirming the required coverage. The contract number and name of contract for this project shall be included on the certificate.

This contract includes work that may result in exposure to "hazardous material" as this term is defined by applicable law, including, but not limited to waste, asbestos, fungi, bacterial, and mold.

Automobile Coverage at least as broad as Insurance Services Office Business Auto Coverage form CA OO 01 10 13 or an equivalent form covering Automobile Liability Symbol 1 "Any Auto". In lieu of a separate Business Auto Liability Policy, the City may agree to accept Auto Liability covered in the General Liability Policy, if non owned and hired auto liability are included.

The Contractor shall maintain limits of no less than \$1,000,000 or the amount customarily carried by the contractor, whichever is greater, combined single limit per accident for bodily injury and property damage. No aggregate limit may apply.

The Contractor's policies shall be endorsed to provide a thirty (30) day written notice of cancellation to the certificate holder for any reason other than non-payment of premium which shall bear at least ten (10) day written notice of cancellation.

Certificate Holders:	City of Reno P.O. Box 1900 Reno, NV 89505	City of Sparks 431 Prater Way Sparks, NV 89432
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Acceptability of Insurers: Insurance is to be placed with an A.M. Best Company, Inc. rating level of **A-** or better, financial size category of **VIII** or better, or otherwise approved by the City in its sole discretion. City reserves the right to require that Contractor's insurer be a licensed and admitted insurer in the State of Nevada, or on the Insurance Commissioner's approved but not admitted lists.

The Contractor shall include all subcontractors as insureds under its policy or it shall require its subcontractors to maintain separate liability coverages and limits as set forth herein.

100.14.01 – PROPERTY INSURANCE

The Contractor shall purchase and maintain property insurance upon the entire work at the site for the full cost of replacement at the time of loss. This insurance shall include the interests of the Owner, the Contractor, Subcontractors, and Sub-subcontractors in the work. This insurance shall be written as a builder's risk, all-risk, or equivalent form to cover all risks of physical loss except those specifically excluded by the policy and shall insure at least against the perils of fire, theft, vandalism and malicious mischief, lightning, explosion, windstorm, and hail, smoke, aircraft and vehicles, riot and civil commotion, debris removal, flood, earthquake, earth movement, water damage, wind, testing, if applicable, collapse however caused, and damage resulting from defective design, workmanship or material.

This policy shall provide for a waiver of subrogation in favor of the City and Contractor.

The insurance shall remain in effect until final acceptance by the City.

Partial occupancy or use of any building shall not commence until the Contractor has secured the consent of the insurance company or companies providing the coverage required in this paragraph. Prior to commencement of the work, the Contractor shall provide certificates of insurance for the property policy or policies obtained in compliance with this section.

Acceptability of Insurers: Insurance is to be placed with an A.M. Best Company, Inc rating level of **A-** or better, financial size category **VIII** or better, or otherwise approved by the City in its sole discretion. City reserves the right to require that Contractor's insurer be a licensed and admitted insurer in the State of Nevada or on the Insurance Commissioner's approved but not admitted lists.

100.14.02 - WORKERS' COMPENSATION AND EMPLOYER'S LIABILITY INSURANCE

The Contractor shall purchase and maintain Workers' Compensation and Employer's Liability insurance at least as broad as National Council on Compensation Insurance (NCCI) policy form WC 00 00 00 B 07/11, or equivalent, providing coverage meeting the requirements of the Workers' Compensation law of the State of Nevada.

The policy shall include an endorsement waiving the insurance company's rights of subrogation against the City. This endorsement shall be at least as broad as National Council on Compensation Insurance (NCCI) Waiver of Our Right to Recover from Others Endorsement form WC 00 03 13.

It is understood and agreed that there shall be no Worker's Compensation and Employer's Liability coverage provided for the Contractor or any subcontractor by the City. The Contractor, and any subcontractor(s), shall procure, pay for and maintain required coverage. The Contractor agrees, as a precondition to the performance of any work under this Contract and a precondition to any obligation of the City to make any payment under this Contract, to provide the City with certificates issued by an insurance company that shows compliance with this Contract and Nevada Revised Statutes (NRS) 616B.627 and 617.210, respectively. Should the Contractor be self-funded, the Contractor shall so notify the City in writing prior to the signing of a Contract. The City reserves the right to accept or reject a self-funded Contractor and to approve the amount of any self-insured retentions. The Contractor agrees that the City is entitled to obtain additional documentation, financial or otherwise, for review prior to entering into a Contract with the self-funded Contractor.

Upon completion of the project, the Contractor shall, if requested by the City, provide the City with a Final Certificate for itself and each subcontractor showing that the Contractor and each subcontractor had maintained the required insurance by paying all premiums due throughout the entire course of the project. If the Contractor or subcontractor is a sole proprietor, coverage for the sole proprietor must be purchased and evidence of coverage must appear on the Certificate of Insurance and Final Certificate.

Worker's Compensation and Employer's Liability: Workers' Compensation coverage shall be provided with statutory limits in the State of Nevada. Employer's Liability limits of \$1,000,000 each accident, \$1,000,000 each employee for disease and \$1,000,000 policy limit for disease.

If the Contractor fails to make payment for the workmen's compensation insurance, the City will immediately make payment and deduct the cost thereof from the payment then or thereafter due the Contractor.

100.14.03 – ACCIDENT PREVENTION AND SAFETY

This Section specifies procedures for complying with applicable laws and regulations related to worker safety and health. It is not the intent of the City to develop, manage, direct, and/or administer the safety and health programs of Contractors or in any way assume the responsibility for the safety and health of their employees. It is required that all Contractors adhere to applicable federal, state, and local safety and health standards.

The Contractor shall comply with the Federal Contract Work Hours and Safety Standards Act, as set forth in Title 29, CFR. Copies of the regulations may be obtained at ecfr.gov.

The Contractor shall comply with the provisions of the State of Nevada Occupational Safety and Health Act and Federal Occupational Safety and Health Act, as amended.

The Contractor shall provide all safeguards, safety devices, and protective equipment and take any other needed actions, on their own responsibility, reasonably necessary to protect the life and the health of employees on the job, the safety of the public, and to protect property in connection with the performance of the work covered by this contract.

It is not the intent of the City to list and identify all applicable safety codes, standards, and/or regulations requiring compliance by the Contractor and their Subcontractor groups. Contractors and their Subcontractors shall be solely responsible for identifying and determining all safety codes, standards, and regulations which are applicable to the work.

This section describes certain minimum precautions the Contractor shall consider in developing its safety and health program. It supplements the regulatory requirements and the requirements of the General Provisions. Sewer treatment facilities do contain areas that are considered confined spaces and are subject to federal, state, and local regulations governing confined space entry and safety procedures.

The Contractor should anticipate that a wide spectrum of infectious disease-producing organisms can be present at the sewer treatment facility. In addition to the requirements set forth in the regulations described above, the Contractor shall provide the following:

1. Instruction in appropriate disease-prevention mechanisms and personal sanitation practices for all workers and supervisors.
2. A preventive inoculation program (tetanus/diphtheria, hepatitis, etc.) available to all personnel.
3. Clothing to protect against infection, including rubber boots with full sole and heel steel insert liners, safety glasses or goggles, and gloves.

Dangerous Gases and Oxygen Deficiency: Sewer pipes, manhole structures, vaults, tanks, trenches, etc. are confined spaces which mean they have a limited means of egress and are subject to the accumulation of dangerous gases or oxygen deficiency. Volatile petroleum products and common household hazardous materials may be discharged into the sewer. Explosive gases, such as methane generated from decomposing organic material, may accumulate. Toxic gases, such as hydrogen sulfide, may be present in life-threatening concentrations. Significant oxygen depletion may occur. In addition, construction procedures may require combustion engine machinery to be located in or near the work site. Therefore, gaseous combustion byproducts, such as carbon monoxide, may be present.

In addition to the requirements set forth in the regulations described above, the Contractor shall provide portable atmospheric monitors that measure levels of oxygen, explosive gas (methane), carbon monoxide, and toxic gas (hydrogen sulfide). Monitors shall be properly calibrated and carefully maintained throughout the construction period. Monitors shall be used continuously while personnel are working at the facility.

Toxic chemicals may be part of the construction process. The Contractor shall abide by all handling procedures recommended by the manufacturer when dealing with toxic chemicals.

The Contractor shall promptly suspend work and notify the City's Project Manager of any suspect material and/or unusual conditions, including oily soil found on the work site. Work shall remain suspended until the Contractor receives authorization from the City's Project Manager to continue.

The Contractor shall develop and maintain a written Safety and Health Plan for the duration of the Contract. This plan will effectively incorporate and implement all required health and safety precautions. At least two copies shall be provided to the City's Project Manager and the TMWRF Safety Coordinator, and another maintained at the Contractor's work site.

The Contractor shall appoint an employee who is qualified and authorized to supervise and enforce compliance with the safety and health plan. The Contractor is responsible for ensuring that necessary gas monitoring, protective clothing, and other supplies and equipment as specified are available to implement this plan.

In the event that regulatory agencies or jurisdictions, or TMWRF Safety Officer, determine the Safety and Health Plan to be inadequate to protect employees, TMWRF staff and the public:

1. The Contractor shall stop the work in progress until adequate safety measures are implemented.
2. The Contractor shall modify the plan to meet the requirements of said regulatory agencies, jurisdictions, and the City.
3. The Contractor shall provide the City's Project Manager with the revisions to the plan within two days of the notice of deficiency.

The Safety and Health Plan shall, as a minimum, include the following considerations:

1. Objective.
2. Key personnel and responsibilities.
3. Hazard analysis of the work activities and environment.
4. Training requirements, including authorized personnel and qualifications for work in confined spaces.

5. Personal protective equipment.
6. Confined space entry procedures.
7. Site control measures.
8. Work practices, decontamination procedures, and work limitations.
9. Powered industrial truck written program (29 CFR 1910.178)
10. Hazard communication plan (29 CFR 1910.1200)
11. Emergency procedures, including sewer evacuation plan, location of first aid, fire extinguishers, eyewash, drinking water, map showing route to nearest medical facility, and list of key personnel who are currently certified in first aid/ CPR.
12. Job site cleanup, and spill containment and cleanup procedures.
13. Telephone numbers:
 - a. 24-hour number to contact Contractor's Representative.
 - b. Emergency services.
 - c. City's Project representative.
14. Documentation (training, injury or illness, respirator-fit tests, hazards notification log, etc.).

The Contractor shall notify the City's Project Manager immediately of all incidents involving personal injury and/or property damage. Provide a written report known as the Incident Report within 24 hours of any incident. Report for each incident occurrence shall include:

1. Description of event.
2. Names of personnel involved.
3. Description of injuries and treatment required (short term and long term).
4. Description of property damage.
5. Site visits and inspections of other agencies as a result of an incident. Include names of the persons, purpose of the visit, and any other pertinent information.

100.14.03 – DRUG/ALCOHOL PROGRAM REQUIREMENT

In order to be eligible to perform work on a City of Reno Public Works Construction Project, Contractors are to have in place a drug and alcohol policy applicable to workers who will be employed on such project. This requirement is a reasonable precaution to ensure a safe and drug-free environment on City of Reno Public Works Construction Projects.

The policy is to be an approved Federal drug and alcohol policy/program which provides, at a minimum, that the use of alcohol, and use, possession, transfer, or sale of illegal drugs, narcotics, or other unlawful substances is prohibited while working on any site in connection with work performed under this Contract and assurance that the Contractors' subcontractors are required to cooperate with the Contractor's policy.

The Contractor shall demonstrate compliance with this provision by submitting an affidavit of certification for drug and alcohol policy with their bid under penalty of perjury that the policy is in place, will be actively enforced and that workers who will be employed on the project will be subject to the policy.

The City of Reno may review the Contractor's record of its drug and alcohol policy at any time during the period following award of the bid up to and including completion of the project in order to determine whether the policy is in place.

Failure to maintain a policy may result in suspension of the Contract, pending proof of compliance by the Contractor, at no cost to the City of Reno.

The Contractor shall indemnify, defend and hold the City of Reno harmless against any and all claims, demands, suits or liabilities that may arise out of or in any way related to Contractor's application or non-application of their drug and alcohol policy.

100.14.03. – CONFINED SPACE ENTRY

The Contractor shall be required to comply with U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) regulations, as outlined in the 29 CFR Parts 1910; "Permit-Required Confined Spaces for General Industry; Final Rule". The Contractor shall submit, at the Pre-Construction Meeting, a written plan for confined space entry and written documentation that its employees have been trained in confined space entry procedures. The plan shall include emergency rescue operations. The documentation shall include the specific names of the trained employees and their training records. Failure to fully comply with this specification during construction may result in a work stoppage until corrective action has been taken. Any work stoppage shall be at the Contractor's expense. Such suspension time shall count against the Contractor's total number of project calendar days under the Contract.

100.14.04 – INDEMNITY

To the fullest extent permitted by laws and regulations the Contractor shall assume the defense of, indemnify and hold harmless the City, and its Officers, Employees, and Consultants, from all suits, actions, or claims of any character brought because of any injuries or damage received or sustained by any person, persons, or property on account of the operations of the said Contractor; any act or omission of contractor arising from the work performed; or on account of or in consequence of any neglect in safeguarding the work; or the use of unacceptable materials in constructing the work; or because of any claims or amount recovered under the "Workman's Compensation Act", or any other law, ordinance, order, or decree. The money due the said Contractor under and by virtue of this Contract as may be considered necessary by the City's Project Manager for such purpose, may be retained for use of City or in case no money is due, his surety may be held until such suit or suits, action or actions, claim or claims for the injuries or damages as aforesaid shall have been settled and suitable evidence to that effect furnished to the City's Project Manager; except that money due the Contractor will not be withheld when the Contractor produces satisfactory evidence that he is adequately protected by public liability and property damage insurance.

Reimbursement to the Contractor by the City in whole or in part for costs of protecting traffic shall not serve to relieve the Contractor of their responsibility as set forth in the Standard Specifications and these Special Provisions.

The Contractor guarantees the payment of all just claims for materials, supplies, and labor, and all other just claims against their or any subcontractor, in connection with this Contract.

100.15.01 – PREVAILING WAGE, CERTIFIED PAYROLL

A forty-hour (40-hour) work week shall be performed over no less than a five (5) day week of work. A contractor or subcontractor may work in excess of forty (40) hours a week; however the contractor or subcontractor must pay overtime wages, in accordance with NRS338.020, for hours worked in excess of eight (8) hours in any given day.

The Contractor's attention is directed to NRS Chapter 338, as it relates to Public Works Projects, and specifically changes in the requirements for submission of certified payrolls, and payment of prevailing wages. The Contractor shall make arrangements for submittals at the Pre-Construction Meeting.

The Contractor shall report in writing to the City the name and address of each subcontractor whom they will engage for work on this project within five (5) calendar days after award of Contract. **THIS SUBMITTAL DOES NOT RELIEVE THE CONTRACTOR OF THE SUBMITTAL REQUIREMENTS IN THESE SPECIFICATIONS.**

The Contractor shall report in writing to the State of Nevada Labor Commissioner the name and address of each subcontractor whom they engage for work on this project within ten (10) calendar days after each subcontractor has commenced work on the project. The Contractor shall submit a copy of this information to the City within the same timeframe.

The Contractor shall submit certified payrolls to the City for all individuals working on this project on a weekly basis. The Contractor and all subcontractors are required to submit certified payroll electronically through the City's LCPTracker program. Progress payment requests submitted by the Contractor will not be accepted unless certified payroll submittals from the contractor and all subcontractors are current for the project period covered by the pay application.

100.15.03 – REGISTRATION OF CONTRACTORS & PREQUALIFICATION REQUIREMENTS

Contractors shall be licensed in accordance with the provisions of NRS 624 for all projects.

For projects which are estimated to exceed \$2.5 million in accordance with the engineer's estimate, Bidders must be prequalified pursuant to NRS 338.1382(1)(a) to bid on the project. Bidders at the time of submission of the bid must be qualified by the State of Nevada Public Works Board and be on the State Public Works Board Qualified Bidder List. A bidder not prequalified is not an eligible bidder.

100.15.04 – FAIR EMPLOYMENT PRACTICES/LABOR DISCRIMINATION

Attention is directed to the following portion of NRS Provision 338.125. Contracts negotiated between Contractors and the State, or any of its political subdivisions, shall contain the following contractual provisions:

"In connection with the performance of work under this contract, the Contractor agrees not to discriminate against any employee or applicant for employment because of race, creed, color, national origin sex, sexual orientation, gender identity or expression, or age. Such Contract 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."

"The Contractor further agrees to insert this provision in all subcontracts hereunder, except subcontracts for standard commercial supplies or raw materials."

Any violation of such provision by a contractor shall constitute a material breach of contract. As used in this article, sexual orientation means having or being perceived as having an orientation for heterosexuality, homosexuality or bi-sexuality, Sexuality, and gender identity or expression means a gender-related identity, appearance, expression or behavior of a person, regardless of the person's assigned sex at birth.

100.15.05 – PREFERENTIAL EMPLOYMENT

Pursuant to NRS 338.130, in all cases where persons are employed in the construction of public works, preference must be given, the qualifications of the applicants being equal, first to persons who have been honorably discharged from the Army, Navy, Air Force, Marine Corps or Coast Guard of the United States, a reserve component thereof or the National Guard; and are citizens of the State of Nevada, and second to other citizens of the State of Nevada. If the contractor engaged on the public work is not in compliance with the provisions of this subsection, the contract is void, and any failure or refusal to comply with any of the provisions of this section renders any such contract void.

100.15.06 – AMERICANS WITH DISABILITIES ACT

The Contractor and all Subcontractors shall comply with the terms, conditions, and requirements of the Americans with Disabilities Act of 1990 (P.L. 101-136), 42 U.S.C. 12101, as amended and regulations adopted thereunder contained in CFR 26.101-36.999, inclusive, and any relevant program-specific regulations.

100.15.07 – PAYMENT OF SALES AND USE TAXES

The Contractor, Subcontractors, or anyone who provides labor, equipment, materials, supplies or services must comply with applicable federal, state, and local laws, including without limitation, any applicable licensing requirements and requirements for the payment of sales and use taxes on equipment, materials and supplies provided for this project.

100.15.08 – STATE OF NEVADA BUSINESS LICENSE

NRS 338.072 provides that any subcontractor of the successful bidder who is awarded the contract must also hold a state business license issued pursuant to Chapter 76 of the Nevada Revised Statutes. RMC 4.04.020 applies to subcontractors as to Business License requirements.

100.16.03 – INSPECTION FACILITIES

Quality Assurance testing and inspection will be provided by the City. Quality Control shall be the Contractor's responsibility. All samples shall be furnished by the Contractor without cost to the City. The City's Project Manager may waive sampling and testing if adequate information, properly certified, is available to indicate that materials comply with the terms of specifications. Any retests due to faulty workmanship or materials shall be paid for by the Contractor. Specific testing requirements are contained in the Standard Specifications and as modified herein. Subject to NRS 338.140, the responsibility for ensuring that the work is constructed in strict conformance with the contract documents and specifications resides solely with the Contractor.

No payment shall be made to the Contractor for the cost of delay while waiting for inspection by the City's Project Manager of completed work.

100.17 – MATERIALS AND WORKMANSHIP

The Contractor shall warrant equipment, material, and workmanship to be of first quality and approved by the City's Project Manager and shall guarantee that the quality of material and workmanship used in the job will be satisfactory for a period of one year after final acceptance of the work. Any defects occurring during the guarantee period shall be corrected in a manner satisfactory to the City's Project Manager. In the event repairs cannot be made without undue difficulty, the Contractor or his surety shall be responsible to the City for any damages determined reasonable and consistent with the circumstances and acceptable to the City.

The Contractor shall furnish and assume full responsibility for all 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 furnishing, performance, testing, start-up and completion of the work. All materials shall be of good quality and new, except as otherwise provided in the contract documents.

The Contractor acknowledges that any damage to public or private property due to excavation, equipment movement or storage, foot traffic, material storage or any other Contractor activity will be replaced in accordance with these Specifications to equal or better than previously existing conditions at the Contractor's expense. Grass will be re-sodded, trees and shrubs replaced in kind, irrigation systems repaired or replaced, fencing restored, and any damaged or removed structures and flatwork repaired or replaced.

100.17.01 – PHOTOGRAPHS AND VIDEO RECORDS

Contractor shall comply with Section 337 of these specifications for recording pre- and post-construction documentation. The Contractor shall submit all pre-construction documentation to the City's Project Manager for approval prior to proceeding with project work. Contractor shall provide post-construction documentation for approval prior to substantial completion.

100.18 – USE OF PRIVATE AND PUBLIC PROPERTY

The Contractor shall restrict their construction operations to the limits of City right-of-way and/or easements. The use of property for the convenience of the Contractor that is in addition to the right-of-way and easements provided shall be arranged by the Contractor.

The Contractor shall furnish the City, prior to the use of any public or private property by the Contractor in the performance of the work required under these Specifications, a grading permit for stockpiling/processing materials outside the public right-of-way, see Section 100.49 of this document. No construction activities shall commence on any private property until such permit is obtained.

Prior to acceptance of the work by the City, the Contractor shall furnish written evidence acceptable to the City's Project Manager that private or public property used for construction purposes has been restored to an acceptable condition and all the terms of the authorization between the Contractor and the property owner regarding use of said property have been satisfied.

The Contractor shall take all necessary precautions to preserve private and public property in the immediate area of all construction locations. Complete liability shall be assumed by the Contractor for any damage to private and/or public property during the execution of work. Upon completion of the work, all private and public property shall be, at a minimum, restored to a physical condition prior to the commencement of work thereon.

100.19 – CONTRACT TIME, TIME OF COMPLETION

The contractor will be allowed ten (10) calendar days after the date on which the contract is awarded, in which to deliver the contract with the contractor's signature affixed thereto, together with the bonds prescribed by law and these specifications to the agency.

The Contractor shall begin construction no earlier than the date set forth in the "Notice to Proceed."

100.21 – PROGRESS SCHEDULE

The Contractor shall prepare a project schedule plan for the entire Contract work and submit it to the City's Project Manager at least seven (7) days prior to the Pre-Construction Meeting. The Pre-Construction Meeting will not commence until the City has reviewed and approved the schedule. Construction at the project site cannot commence until the pre-construction meeting is held. The project schedule shall show the order in which the Contractor proposes to carry out the work within the Contract time in addition to showing the beginning and completion times for all major features of work provided in the Contract. The project schedule shall be in the form of an arrow network, precedence diagram, or other similar schedule developed under a CRITICAL PATH METHOD. The schedule shall outline in sufficient detail the proposed operations, the interrelations of the various operations and the order of performance so that the progress can be evaluated at any time during the Contract. The network will reflect activity durations in a working day time frame and shall not reflect free time. The Contractor shall submit three (3) copies of the proposed final project schedule.

In addition to the total project schedule, the Contractor shall provide a detailed weekly work agenda that describes the work item and time frame in the form of a bar graph, listed-itemized schedule or any other form agreed to by the City's Project Manager. The agenda may be updated by contacting the City's Project Manager no later than 48 hours prior to a change. The Contractor shall deliver the agenda for the following week to the City's Project Manager no later than noon Thursday. If a holiday or non-working day falls on Thursday, the agenda shall be delivered at or before noon on the preceding working day. If no work or a continuation of the prior week's work is anticipated for the following week, an agenda indicating this shall be submitted. Each agenda shall be signed and dated by the construction superintendent.

Weekly progress meetings shall be scheduled at a convenient location to discuss the weekly schedule, work progress, construction concerns or other project matters at the City's Project Manager discretion. The

Contractor's representative and appropriate Subcontractor representatives requested by the City's Project Manager shall attend.

In addition to the baseline schedule, the Contractor shall provide monthly updates to the baseline schedule. The updated baseline schedule shall be submitted no later than the first Tuesday of the month.

100.22 – DELAYS

When delays occur due to unforeseen causes beyond the control and without the fault or negligence of the Contractor, including, but not restricted to acts of God, acts of the public enemy, acts of government agency, fires, floods, epidemics, strikes, and freight embargoes, the time for completion shall be extended an amount determined by the City's Project Manager to be equivalent to the delays; provided, however, written request for such an extension of time is made by the Contractor within ten (10) days after the beginning of such delay. No allowance shall be made for delay or suspension of the work due to the fault of the Contractor.

An extension of time shall not release the Contractor or Surety from their obligations, which shall remain in full force until the discharge of the Contract.

100.23 – PROVISIONS FOR HANDLING EMERGENCIES

In the case of emergencies affecting the safety or protection of persons or the work or property at the site or adjacent thereto, the Contractor, without special instruction or authorization from the City's Project Manager, shall be obligated to act to prevent threatened damage, injury or loss. Contractor shall give City's Project Manager prompt written notice if Contractor believes that any significant changes in the work or variations from the contract documents have been caused thereby.

100.24 – CHANGE ORDERS

The Contractor is to submit a Labor and Material Schedule within two hours of the bid opening. The schedule is to contain a list of construction equipment, hourly rates of said equipment, and hourly rates of personnel proposed to be utilized on this contract. At the discretion of the City's Project Manager, the schedule may be used for unanticipated extra work or force account work during the project. Additional work and related costs must be approved in writing by the City's Project Manager prior to commencing with additional work or no payment will be made to the Contractor.

100.26 – SUSPENSION OF WORK

The City's Project Manager will have the authority to suspend the work entirely or in part due to the failure of the Contractor to correct conditions unsafe for the workmen or the general public; for failure to carry out the provisions of the contract; for failure to carry out orders; for such periods as he may deem necessary due to unsuitable weather; for conditions considered unsuitable for the prosecution of the work or for any other reason deemed to be in the public interest.

100.27 – FAILURE TO PERFORM PROPERLY

If, in the judgment of the City, the failure of the Contractor to prosecute the work properly places the health and safety of the public at risk, the City may make good such deficiencies immediately and deduct the cost thereof from the payment then or thereafter due the Contractor.

100.28 – DEFAULT AND TERMINATION OF CONTRACT

If the Contractor:

- A. fails to begin the work under the contract within the time specified in the Notice to Proceed, or
- B. fails to perform the work with sufficient workmen and equipment or with sufficient materials to assure the prompt completion of said work, or
- C. performs the work unsuitably or neglects or refuses to remove materials or to perform anew such work as may be rejected as unacceptable or unsuitable, or
- D. discontinues the prosecution of work, or
- E. fails to resume work which has been discontinued within a reasonable time after notice to do so, or
- F. becomes insolvent or is declared bankrupt or commits any act of bankruptcy or insolvency, or
- G. allows any final judgment to stand against them unsatisfied for a period of five (5) days, or
- H. makes an assignment for the benefit of creditors, or
- I. does not complete at least ninety percent (90%) of the contract work within the contract time, or
- J. for any other cause whatsoever, fails to carry on the work in an acceptable manner, or
- K. if any required insurances are cancelled or terminated during the duration of the contract.

The City's Project Manager will give notice in writing to the Contractor and his surety of such delay, neglect, or default.

If the Contractor or surety, within a period of ten (10) days after such notice, shall not proceed in accordance therewith, then the City shall have full power and authority without violating the contract, to take the prosecution of the work out of the hands of the Contractor and the contract shall be deemed terminated. The City's Project Manager may, at their option, call upon the surety to complete the work in accordance with the terms of the contract; or he may take over the work, including any or all materials and equipment on the project as may be suitable and acceptable, and may complete the work by force account, or may enter into a new agreement for the completion of said contract according to the terms and provisions thereof, or use such other methods as, in his opinion, may be required for the completion of said contract in an acceptable manner.

All costs and charges incurred by the City, together with the cost of completing the work under the contract, shall be deducted from any money due or which may become due said Contractor. In case such expense shall exceed the sum which would have been payable under the contract, then the Contractor and his surety shall be liable and shall pay to the City the amount of said excess.

100.31 – DATA TO BE FURNISHED BY THE CONTRACTOR, SUBMITTALS

Submittals covered by these Specifications shall include manufacturers' information, samples, requests for substitutions, and miscellaneous work-related submittals. Submittals shall also include, but not be limited to, all mechanical, electrical and electronic equipment and systems, materials, reinforcing steel, fabricated items, and piping and conduit details. The Contractor shall furnish all contract documents, specifications, descriptive data, certificates, samples, tests, methods, schedules, and manufacturer's installation and other instructions as

specifically required in the contract documents to demonstrate fully that the materials and equipment to be furnished and the methods of work comply with the Specifications and intent of the contract documents.

The Contractor shall be responsible for the accuracy and completeness of the information contained in each submittal and shall assure that the material, equipment or method of work shall be as described in the submittal. The Contractor shall verify that all features of all products conform to the specified requirements. Submittal documents shall be clearly edited to indicate only those items, models, or series of equipment, which are being submitted for review. All extraneous materials shall be crossed out or otherwise obliterated. The Contractor shall ensure that there is no conflict with other submittals and notify the City's Project Manager in each case where the submittal may affect the work of another Contractor or the City. The Contractor shall coordinate submittals among their Subcontractors and Suppliers.

The Contractor shall coordinate submittals so that work will not be delayed. Contractor shall coordinate and schedule different categories of submittals, so that one will not be delayed for lack of coordination with another. No extension of time will be allowed because of failure to properly schedule submittals. The Contractor shall not proceed with work related to a submittal until the submittal process is complete.

The Contractor shall use the submittal transmittal form found in Specification Section 100.60 for each submittal or a form approved by the Owner. The Contractor shall certify on each submittal transmittal document that they have reviewed the submittal, verified field conditions, and complied with the contract documents.

The Contractor shall certify on each submittal transmittal document that they have reviewed the submittal, verified field conditions, and complied with the contract documents.

If the Contractor proposes to provide material, equipment, or method of work, which deviates from the contract documents, they shall indicate so under "deviations" on the transmittal form accompanying the submittal copies.

When the contract documents require a submittal, the Contractor shall submit four (4) copies of all information plus one reproducible original of all information.

Unless otherwise specified, the City's Project Manager shall have fourteen (14) calendar days after receipt of submittal to review and comment. The City's Project Manager shall retain the reproducible original.

Subject to NRS 338.140, review of contract documents, methods of work, or information regarding materials or equipment the Contractor proposes to provide, shall not relieve the Contractor of their responsibility for errors therein and shall not be regarded as an assumption of risks or liability by the Project Manager or the City, or by any officer or employee thereof, and the Contractor shall have no claim under the contract on account of the failure, or partial failure, of the method of work, material, or equipment so reviewed.

The cost for third and subsequent submittals shall be borne by the Contractor. The cost of reviews for third and subsequent reviews shall be at a rate of \$150 per hour for the City's Project Manager's time.

100.33 – PROTECTION OF PROPERTY

The Contractor shall protect against any damage to pipes, conduits, or other structures crossing the trenching or encountered during the execution of work and shall be responsible for any damage done to such pipes, structures or property resulting therefrom. If a utility is affected, the Utility Company shall be notified immediately by the Contractor of any damage. Contractor shall protect all existing structures and property from damage and shall provide bracing, shoring or other work necessary for such protection.

The Contractor shall be responsible for all damage to streets, roads, curbs, sidewalks, ditches, embankments, landscaping, or other public or private property, which may be caused by transporting equipment, materials, or workers to or from the work. Contractor shall make satisfactory and acceptable arrangement with the property owner and/or the City over damaged property concerning its repair or replacement and as specified in these Specifications.

The Contractor and their Subcontractors are solely responsible for the security of their work site. Contractor and their Subcontractors shall provide their own security for their work in progress and for the goods, products, material, equipment, systems, construction machinery, tools, devices and other items required, used or to be used in the execution of the work.

100.33 – SPILL CONTROL

A spill is defined as any release of raw sewage, construction water, or other liquids at the site. Spills shall not be permitted at any time throughout the duration of the Contract. Sewage released from the existing sewer system shall be considered a spill. Sewage in contact with the soil on the ground or within pits or excavations shall also be considered a spill.

The Contractor shall be responsible for all consequences and damages caused by a sewage spill due to the Contractor's work activities. Contractor shall give both verbal and written notification to the City's Project Manager immediately in the event of any sewage spill.

100.33.01 – TRAFFIC CONTROL PLANS

The TMWRF facility will remain in operation during the completion of this contract. The Contractor shall maintain access to existing facilities and coordinate construction with TMWRF. The facility typically receives septage deliveries, chemical deliveries, and materials deliveries on a daily basis, and sometimes several times within an hour. In addition, there will be several other construction projects in progress at the facility while this project proceeds. The Contractor shall make provisions to accommodate traffic through the site, and shall keep disruptions to a minimum. If traffic routes must be closed, they shall be coordinated a minimum of three (3) working days prior to the closure, and shall be timed to minimize impact to other traffic.

100.37 – PROTECTION OF WORK AND CLEANING UP

The Contractor shall keep the work site, staging areas, storage and parking area, and Contractor's facilities clean and free from rubbish and debris. Materials and equipment shall be promptly removed from the site when they are no longer necessary. Upon completion of the work and before final acceptance, the work site shall be cleared of equipment, unused materials, and rubbish to present a clean and neat appearance in conformance with the preconstruction condition of the site. Refer to each section of these Specifications for further requirements.

The Contractor shall not store equipment or materials anywhere other than locations approved by the City's Project Manager. Property surrounding the work site shall be completely free of debris and rubbish at all times.

In the event that waste material, refuse, debris and/or rubbish have not been removed after the Contractor has been directed to do so, the City's Project Manager reserves the right to have this material removed at the Contractor's expense.

The Contractor shall handle paints, solvents, and other construction materials with care to prevent entry of contaminants into storm drains, sewers, surface waters, or soils. **NO SOLID MATERIALS OR SOILS SHALL BE FLUSHED INTO STORM DRAINS OR SEWERS.** Cleaning of these facilities shall be at the Contractor's expense. In the event the Contractor does not clean the facilities to the satisfaction of the City's Project Manager after the Contractor has been directed to do so, the City's Project Manager reserves the right to have the facilities cleaned by others at the Contractor's expense.

The Contractor shall install fences and/or barriers around all excavations and open structures. The barrier shall enclose the area and prevent unauthorized access.

The Contractor shall be responsible for preventing dirt, dust, and sediments from escaping from trucks departing the project site, by covering dusty loads, washing truck tires before leaving the site, or other reasonable methods. The Contractor shall be required to clean said streets as soon as possible, but no later than at the conclusion of each day's operations. Cleaning shall be at the Contractor's expense. Any violation of the requirements shall be sufficient grounds for the City's Project Manager to order the streets in question cleaned at the Contractor's expense. In the event the Contractor does not clean the streets to the satisfaction of the City's Project Manager after the Contractor has been directed to do so, the City's Project Manager reserves the right to have the streets cleaned by others at the Contractor's expense.

The Contractor is responsible for immediately removing all graffiti from equipment, tools and signs on the worksite.

100.37 – SECURITY FOR WORK IN PROGRESS

The Contractor is solely responsible for the security of the site. Contractor shall provide its own security for its work in progress and for the goods, products, material, equipment, systems, construction machinery, tools, devices and other items required, used or to be used for its scope of the Work.

100.39 – LIQUIDATED DAMAGES/FAILURE TO COMPLETE WORK ON TIME

Time is of the essence for this contract, and in the event the construction of the work is not completed within the time herein specified, it is agreed that from the compensation otherwise to be paid to the contractor, the City may retain the sum of One Thousand Dollars (\$1,000) per day for each contract calendar day thereafter, that the work remains uncompleted and not accepted. This sum is not a penalty, being the stipulated damage City will have sustained in the event of failure by the Contractor to complete the work within the contract time. Liquidated damages shall be cumulative for each portion of the work for which the specified construction completion time(s) is not met by the Contractor.

In addition to liquidated damages assessed for failure to complete the contract within the calendar days allotted, there are separate requirements with task durations which also have a liquidated damages component:

The liquidated damages described in this Section are cumulative.

100.40 – SANITATION AND SAFETY

The Contractor shall comply with provisions of local, state and federal regulations as relates to sanitation and sanitary facilities. Portable sanitary facilities shall be provided at each work site location.

100.41 – PUBLIC SERVICE EQUIPMENT

The Contractor shall contact Underground Service Alert at 811 or 1-800-227-2600 a minimum of two working days prior to the start of construction for street or parking lot patching and adjusting service utilities or survey monuments. The Contractor shall contact TMWRF staff for guidance in helping the Contractor in locating existing TMWRF utilities that would not be located by USA services.

The Contractor shall immediately notify the City's Project Manager of any apparent or potential conflict of which the Contractor becomes aware between existing underground facilities and facilities to be installed or constructed as a part of the work required by these specifications and contract documents. Upon said notice, the City's Project Manager will make a timely investigation of the apparent or potential conflict and, if required, will issue instructions to the Contractor for the adjustment of the existing underground facilities or will revise the design of the facilities to be installed, or both.

The project plans were developed prior to the inception of any underground projects that may fall within or near the same construction limits. Therefore, these plans may not reflect all the existing conditions that the Contractor may encounter. It is the Contractor's responsibility to become familiar with the conditions, as they exist at the bid time or may exist at the commencement of the project. The Contractor acknowledges that the contract documents are not guaranteed to be complete or entirely accurate in showing the actual location of all existing underground facilities.

The Contractor shall be responsible to investigate and verify the actual location of all existing underground facilities, whether or not shown on the contract documents, by means of exploratory excavation at the beginning of the project. In the event damage to any existing underground facility should occur during progress of the work, the Contractor shall immediately notify the City's Project Manager and the City of the damaged facility. The Contractor shall be responsible for any damage to existing underground facilities which may result from their performance of the work and shall arrange for the timely repair of such damaged facilities at his sole cost and expense. The Contractor shall coordinate the temporary shutdown, support, or relocation of existing private utilities as determined necessary during construction with the owning utility, allowing adequate time for relocations as required.

100.43 – UTILITY SERVICES

All utilities required by the Contractor shall be furnished at their expense. Construction and drinking water for Contractor and Subcontractors shall be provided by the Contractor. Connection to fire hydrants or private property services for the purpose of obtaining construction water shall not be permitted.

100.47 – TRADE NAMES, SUBSTITUTES AND "OR EQUAL" ITEMS

Whenever an item of material or equipment is specified or described in the contract documents by using the name of a proprietary item or the name of a particular supplier, the specification or description is intended to establish the type, function and quality required. Unless the specification or description contains, or is followed by, words reading "no like, equivalent, or-equal item", or "no substitution is permitted", other items of material or equipment of other suppliers may be accepted by the City's Project Manager under the following circumstances and subject to NRS 338.140:

1. **Or equal:** If, in City's Project Manager sole discretion, an item of material or equipment proposed by Contractor is functionally equal to that named and sufficiently similar so that no change in related work will be required, it may be considered by Engineer as an "or-equal" item.

2. **Substitute items:** If, in City's Project Manager sole discretion, an item of material or equipment proposed by Contractor does not qualify as an "or-equal" item, it will be considered a proposed substitute item. Contractor shall submit sufficient information to allow the City's Project Manager to determine if the item of material or equipment proposed is essentially equivalent to that named and is an acceptable substitute. Requests for review of proposed substitute items of material or equipment will not be accepted from anyone other than Contractor. If Contractor wishes to furnish or use a substitute item of material or equipment, Contractor shall first make written application to City's Project Manager for acceptance thereof, certifying that the proposed substitute will perform adequately and achieve the results called for by the general design, be similar in substance to that specified and be suited to the same use as specified. The application will state the extent, if any, to which the evaluation and acceptance of the proposed substitute will prejudice Contractor's achievement of substantial completion on time, whether or not acceptance of the substitute for use in the work will require a change in any of the contract documents, to adapt the design to the proposed substitute and whether or not incorporation or use of the substitute in connection with the work is subject to payment of any license fee or royalty.

All variations of the proposed substitute from that specified will be identified in the application and available maintenance, repair and replacement service will be indicated. The application will also contain an itemized estimate of all costs or credits that will result directly or indirectly from acceptance of such substitute, including costs of redesign and claims of other Contractors affected by the resulting change, all of which will be considered by City's Project Manager in evaluating the proposed substitute. City's Project Manager may require Contractor to furnish additional data about the proposed substitute.

3. **Substitute construction methods or procedures:** If a specific means, method, technique, sequence or procedure of construction is shown or indicated in and expressly required by the contract documents, Contractor may furnish or utilize a substitute means, method, technique, sequence or procedure of construction acceptable to City's Project Manager. Contractor shall submit sufficient information to allow City's Project Manager, in Project Manager's sole discretion, to determine that the substitute proposed is equivalent to that expressly called for by the contract documents. The procedure for review by the City's Project Manager will be similar to that provided in item 2 above.

All support and/or testing data provided by Contractor for any proposed "or-equal" or substitute item shall be at the Contractor's expense. City's Project Manager will be allowed a minimum of five calendar days which to evaluate each proposal and/or submittal made. The City's Project Manager shall be sole judge of acceptability. A proposal and/or submittal may be denied by the City's Project Manager without explanation. No "or-equal" or substitute(s) will be ordered, installed or utilized without Project Manager's prior written acceptance. The City may require Contractor to furnish at Contractor's expense a special performance guarantee or other surety with respect to any "or-equal" or substitute. The time required by City's Project Manager and/or the Project Managers consultants for evaluating proposed or submitted substitutes shall be at the Contractor's expense. The rate for reimbursement of these services shall be \$150.00 per hour. The charges for the evaluation shall be applied no matter if the proposed or submitted item is accepted or rejected.

100.48 – DISPUTE RESOLUTION

All claims, counterclaims, disputes and other matters in question between the City and the Contractor arising out of, or relating to, this contract or breach of it, unless otherwise settled, must be mediated before initiation of a judicial action.

Unless the parties mutually agree otherwise, mediation will be in accordance with the Construction Industry Mediation Procedures of the American Arbitration Association currently in effect. The American Arbitration Association will not be used to administer or facilitate the process or the selection of the mediators. Instead, the

parties will mutually agree to the appointment of one mediator. If the parties cannot agree to one mediator, each party shall select one mediator and the two mediators will appoint a third mediator. The parties agree to split the mediator(s) fees and expenses. Each party shall bear their own attorney's fees and other costs incurred for the mediation.

If the City is the prevailing party in litigation, unless otherwise agreed to in writing, it shall be entitled to an award of reasonable attorney's fees and costs. NRS 338.640(1) applies when appropriate.

100.48.01 – REMEDY AND DAMAGES AVAILABLE TO THE CITY WHICH RESULT FROM CONTRACTOR'S REQUEST TO BE RELEASED FROM PERFORMANCE OF CONTRACT PRIOR TO ISSUANCE OF NOTICE-TO-PROCEED

If a Contractor requests to be released from performance of the Contract prior to issuance of the Notice-to-Proceed, and it is determined by the City that it is in the City's best interest to release the Contractor from performance of the Contract, the Contractor shall pay to the City any and all expenses incurred by the City as a result of the City releasing the Contractor from performance.

100.49 – PERMITS AND LICENSES

The Prime Contractor is responsible for ensuring all subcontractors working on this project hold a current Reno Business Licenses as required by Reno Municipal Code Section 4.04.020, as well as a City of Sparks Business License. Unless otherwise noted below, the Contractor is responsible for obtaining all certificates, licenses, and permits required to perform the work. This includes current state and local (both Reno and Sparks) business licenses, certificates, licenses and permits for all on site or off site vehicles, equipment, processes, and activities associated with the work.

Building Permit - A City of Sparks Building Permit is required for this project.

An amount of money has been set for this item by the City's Project Manager and is shown as a line item on the "Schedule of Prices-Base Bid". If the actual cost of the building permit, payable to the City of Sparks, by the Contractor is in excess of the scheduled amount, the Contractor shall be compensated the difference. If actual Contractor cost of the building permit is less than scheduled, the difference shall be deducted from payment. Payment shall be limited to the amount reflected in receipts from the City of Sparks Building Department, without any Contractor markup.

100.49 – WASHOE COUNTY DUST CONTROL PERMIT

All construction procedures shall conform to Washoe County Air Quality Standards. Dust Control Permits associated with construction, staging areas and material processing yards may be required and are the responsibility of the contractor. No payment will be made by the City for permitting of staging areas and processing yards.

The Contractor will also be responsible for obtaining a Dust Control Permit for any staging areas outside the City right-of-way used by the Contractor. By law, these areas are the responsibility of the property owner. The Contractor shall ensure that said property owners are aware of their responsibility when negotiating permission to use private property for staging operations.

The requirement of a Dust Control Permit is necessary when more than one (1) acre of bare ground is disturbed by construction operations and/or the grading of more than one (1) acre of aggregate surfaces. This requirement applies to underground work as well as surface operations.

100.49 NDEP CONSTRUCTION STORMWATER PERMIT

All construction activities shall incorporate Nevada Department of Environmental Protection (NDEP) Best Management Practices for Storm Water Management in accordance with the Federal Clean Water Act.

All construction procedures shall conform to Nevada Department of Environmental Protection (NDEP) Best Management Practices for Storm Water Management. If required by regulations and project magnitude, the contractor shall prepare a Storm Water Pollution Prevention Plan (SWPPP), keep it on site at all times, and modify it as needed.

100.49 – NOISE CONTROL

The Contractor shall perform all work in compliance with OSHA standards and in no case will noise levels be permitted that are greater than allowed by local laws and regulations. Noise levels shall not exceed 65 decibels (db) at 50 feet from the operating equipment.

All internal combustion engines utilized for any purpose on this project, or associated with work on this project, shall be equipped with a muffler of a type recommended by the manufacturer. No internal combustion engine shall be operated without said muffler.

Noisy portable equipment, such as generators, compressors and/or pumps shall be equipped with sound abatement enclosures and devices and shall be located as far away from sensitive noise receptor areas as practicable. (Sensitive noise receptors are defined as occupied buildings with windows or doors facing the site.) Noise barriers shall be constructed around noisy stationary construction equipment such as compressors, generators and pumps that are utilized at locations near (within 100 feet of) sensitive noise receptors as defined above during the daytime working hours and at all sites when construction is being completed at night.

Idling equipment not actively being used for construction purposes shall be shut off.

100.49 - ODOR CONTROL

The Contractor shall employ methods and procedures that mitigate the generation and discharge of objectionable odors to the surface environment during all work, including bypassing of sewage flows.

100.51 – PARTIAL PAYMENTS

For each progress payment, five percent (5%) will be held until fifty percent (50%) of the work has been performed. This amount will be held until one hundred percent (100%) completion and final acceptance of the project.

Except for cause, in accordance with NRS 338.525, no retention will be held from subsequent payments.

100.53 – CONTINGENT ITEMS AND INCREASED OR DECREASED QUANTITIES

Quantities shown on the Schedule of Prices are a calculated estimate and will be used for the purpose of comparing bids. Payment will be made for actual quantities furnished, installed, or constructed. An exception is where a specific item is identified in these specifications as a “Contingent item” in which case the quantity set forth on the Schedule of Prices represents no actual estimate, is nominal only, and may be greatly increased or decreased or reduced to zero.

For major items of work not identified as contingent, a net increase or decrease in excess of 25% in the bid quantity may result in a negotiated change in the bid price for that item.

100.54 – NO WAIVER OF LEGAL RIGHTS

The City shall not be precluded or stopped by any measures, estimate, or certificate made either before or after the completion and acceptance of the work and payment therefore, from showing the true amount and character of the work performed, and materials furnished by the Contractor, nor from showing that any such measurements, estimate, or certificate is untrue or is incorrectly made, nor that the work or materials do not in fact conform to the contract. The City shall not be precluded or stopped, notwithstanding any such measurement, estimate, or certificate, and payment in accordance therewith, from recovering from the Contractor or his sureties, or both, such damages as it may sustain by reason of his failure to comply with the terms of the contract. Neither the acceptance by the City, or any representative of the City, nor any payment for or acceptance of the whole or any part of the work, nor any extension of time, nor any possession taken by the City, shall operate as a waiver of any portion of the contract or any power herein reserved, or of any right to damages. A waiver of any breach of the contract shall not be held to be a waiver of any other or subsequent breach.

100.58 - MEASUREMENT AND PAYMENT

The scope of this section defines the items included in each bid item in the Base Bid Schedule of Prices of these specifications. Payment for work performed by the Contractor under these Contract Documents shall be made at the approved contract agreement bid price for each of the principal items as listed in the Base Bid Schedule of Prices. All contract prices included in the Base Bid Schedule of Prices shall be considered full compensation for all labor, materials, tools, equipment, overhead, profit, insurance bonding, taxes, and all other incidentals necessary to complete the construction as shown on the Contract documents and/or as specified in the Contract Documents to be performed under this contract. Actual quantities of each item bid on a unit price basis will be determined upon completion of the construction in a manner described for each item in these Specifications. Payment of all items listed in the bid schedule will constitute full compensation for all work shown and/or specified to be performed under this project. All incidental and appurtenant work essential to the completion of the project in a workmanlike manner, including cleanup and disposal of waste or surplus material, shall be accomplished by the Contractor without additional cost to the City.

Measurements of the completed work will be made in place, with no allowance for waste. Measurements of distances will be made in a horizontal plane, unless otherwise stated. Measurements of areas will be made in a horizontal plane, unless otherwise stated. Widths of pavement removal areas and trenching will be measured as specified in these Contract Documents.

Quantities of material wasted or disposed of in a manner not called for under the Contract; or rejected loads of material, including material rejected after it has been placed by reason of failure of the Contractor to conform

to the provisions of the Contract; or material not unloaded from the transporting vehicle; or material placed outside the lines indicated on the plans or given by the City's Project Manager; or material remaining on hand after completion of the Contract, will not be paid for and such quantities will be deducted from the final total quantities. No compensation will be allowed for hauling rejected material.

Payment shall be made for the actual quantities constructed or installed; said quantities being measured as specified in their respective specification sections. Payment will be made for installed work only. Payment will not be made for stored, uninstalled materials, with the exception that at the discretion of the City of Reno project coordinator, payment may be made for cost of major pieces of equipment delivered and safely stored at the project site. Work items not specifically identified in the Proposal, but shown and specified, shall be considered incidental items. No additional payment will be made for incidental items.

100.58.01 – CONTRACTOR'S LUMP SUM COST BREAKDOWN

For work to be performed for a lump sum amount, the Contractor shall submit a cost breakdown to the City's Project Manager prior to the first payment and within ten (10) days after Notice to Proceed. The cost breakdown, as agreed upon by the Contractor and the City's Project Manager, shall be used for preparing future estimates for partial payments to the Contractor, and shall list the major items of work with a price fairly apportioned to each item.

The cost breakdown shall be generally in the same format as the Contract specifications divisions and subdivisions, with major items of work listed individually. The cost breakdown shall be by logical division of work. The cost breakdown shall include separate allowances for any testing and start-up work required. Measurable approximate quantities of work performed by the Contractor or its subcontractors shall be provided. For quantities that are the sum total of several individual quantities, backup summaries shall be provided which list the individual descriptions and quantities. These summaries then will be used to determine the quantities of work in place in subsequent progress payment requests.

The above is a statement of the intent of the Contract Documents to provide a moderate level of detail, acceptable to the City's Project Manager, to allow a fair and reasonable estimate to be made of the value of work installed. The detail of the cost breakdown must be sufficient to provide timely processing of the monthly progress payment request.

The cost breakdown will be subject to the approval of the City's Project Manager, and upon request, the Contractor shall substantiate the price for any or all items and provide additional level of detail, including quantities of work. The cost breakdown shall be sufficiently detailed to permit its use by the City's Project Manager as one of the bases for evaluating requests for payments. The City's Project Manager shall be the sole judge of the adequacy of the cost breakdown.

The cost breakdown shall not be considered in determining payment or credit for additional or deleted work.

100.60 - SUBMITTAL TRANSMITTAL FORM

SUBMITTAL TRANSMITTAL

Submittal Description: _____ Submittal No: _____

Spec Section: _____

	Routing	Sent	Received
OWNER: CITY OF RENO	Contractor		
PROJECT:	Engineer		
	Contractor		
CONTRACTOR:			

We are sending you Attached Under separate cover via _____
 Submittals for review and comment
 Product data for information only

Remarks: _____

Item	Copies	Date	Section No.	Description	Review action ^a	Reviewer initials	Review comments attached

^aNote: NET = No exceptions taken; MCN = Make corrections noted; A&R = Amend and resubmit; R = Rejected
 Attach additional sheets if necessary.

Contractor: Certify either A or B:

- A. We have verified that the material or equipment contained in this submittal meets all the requirements, including coordination with all related work specified (no exceptions).
- B. We have verified that the material or equipment contained in this submittal meets all the requirements specified except for the attached deviations.

<u>No.</u>	<u>Deviation</u>
_____	_____
_____	_____
_____	_____
_____	_____

Certified by: _____
 Contractor's Signature

**CITY OF RENO
TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684**

SUPPLEMENTAL CONSTRUCTION METHODS

SECTION 300 – SUPPLEMENTAL CONSTRUCTION METHODS

CITY OF RENO – PUBLIC WORKS DEPARTMENT

SUPPLEMENTAL CONSTRUCTION METHODS

**TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684
PWP WA-2019-123**

SECTION 337 – PHOTOGRAPH AND VIDEO RECORDING

337.1– DESCRIPTION

Work shall consist of the Contractor providing photographs and digital color MPEG's of conditions prior to, during, and post construction. Photographs and color audio-video recordings are intended for use as evidence in ascertaining the extent of any damage which may occur as a result of the Contractor's operations and are for the protection of the Contractor and the City, and will be a means of determining whether and to what extent damage, resulting from the Contractor's operations, occurred during the Contract work.

337.2– DOCUMENT MATERIALS AND PROCEDURE

Photographs shall be digital color and shall indicate the date and location where the photograph was taken. One copy of each digital photo, shall be delivered to the Engineer. The photographer shall be qualified and equipped to photograph either interior or exterior exposures, with lenses ranging from wide angle to telephoto.

Digital MPEG video (or other format acceptable to the Engineer) shall be color, provided on USB flash drive, and shall indicate the date, name of Project, and the location where the inspection was recorded. The MPEG video (or other format acceptable to the Engineer) shall contain an audio track which narrates the progression of the inspection through the site. All video must display index counter, date and time of recording. One copy of the preconstruction worksite inspection shall be delivered to the Engineer on USB Flash Drive. The videographer shall be qualified and equipped to videotape either interior or exterior, with lenses ranging from wide angle to telephoto.

Contractor shall maintain a copy of site examination documentation for the duration of the work.

After receiving notice of Contract Award from the Engineer, and within one week of the pre-construction meeting, the Contractor shall provide both digital still photographs and a pre-construction digital video inspection recording which covers the entire work area. This shall include the works areas, the staging and storage areas, and adjacent property improvements, such as sidewalks, wall, fences, landscaping, railings, decks, valves, etc. Digital videoing shall not take place until all USA utility locates have been performed, where required.

No construction shall start until the pre-construction video inspection recording and photographs have been completed and submitted to the Engineer.

Photographs shall be provided during construction to show any items of special interest upon the request of the Engineer.

Also, take and provide general photographs of construction progress taken on cutoff date for each scheduled application for payment.

Upon completion of the work, the Contractor shall perform the digital video inspection recording and take the same series of digital still photographs again. The recordings/photographs shall be taken from the same points and in the same direction as the pre- construction video/photographs. The post construction video/photographs shall be made within 14 days upon completion of the work.

After the post-restoration video and photographs are taken, a copy will be provided to the Engineer. The Engineer will ascertain the extent of any damage (if any), and will determine whether improvements, damaged or removed during construction, have been returned to specified or original condition.

337.3-SUBMITTALS

This section specifies photographs and digital video recordings of all surface features in all construction areas to be provided by the Contractor before, during and after construction.

Engineer will review video and photographs for quality. The Contractor will be responsible for modifications to their equipment and/or inspection procedures to achieve video and photograph material of acceptable quality. No work shall commence prior to approval of the material by the Engineer.

The Contractor shall submit the following information for review per Section 100.31:

1. One week prior to the pre-construction meeting, the Contractor shall provide a pre-construction digital video inspection recording and photographs which covers the entire work area.
2. General photographs to demonstrate the construction progress and any additional photographs and videos taken during construction shall be submitted with each application for payment.
3. Post-restoration photographs and video shall be submitted to the Engineer for approval prior to substantial completion of the project.

337.4-BASIS OF PAYMENT

This item of work is considered incidental to other item(s). No additional payment will be made for incidental items.

SECTION 400 – PREVAILING WAGE RATES FOR WASHOE COUNTY

CITY OF RENO – PUBLIC WORKS DEPARTMENT

**TRUCKEE MEADOWS WATER RECLAMATION FACILITY
120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
CONTRACT NUMBER I100104-2684
PWP WA-2019-123**

400.01 – DESCRIPTION

This project is subject to prevailing wage rates in accordance with Nevada Revised Statutes Chapter 338. The following pages provide the prevailing wage rates for Washoe County effective for this contract. Pursuant to the Nevada Administrative Code Section 338.040(3) "After a contract has been awarded, the prevailing rates of wages in effect at the time of the opening of bids remain in effect for the duration of the project." The Contractor is responsible for adhering to all prevailing wage rate laws and shall submit certified payroll documentation to the City with all progress payment requests.

ATTENTION BIDDERS

ATTACHED ARE THE WASHOE COUNTY 2019 PREVAILING WAGE RATES. USE THESE RATES AS APPLICABLE FOR BIDDING ON THIS PROJECT.

STATE OF NEVADA

BRIAN SANDOVAL
GOVERNOR

C. J. MANTHE
DIRECTOR

SHANNON M. CHAMBERS
LABOR COMMISSIONER



OFFICE OF THE LABOR COMMISSIONER
3300 WEST SAHARA AVENUE, SUITE 225
LAS VEGAS, NEVADA 89102
PHONE: (702) 486-2650
FAX (702) 486-2660

OFFICE OF THE LABOR COMMISSIONER
1818 COLLEGE PARKWAY, SUITE 102
CARSON CITY, NV 89706
PHONE: (775) 684-1890
FAX (775) 687-6409

**2019 PREVAILING WAGE RATES
WASHOE COUNTY**

DATE OF DETERMINATION: October 1, 2018

**APPLICABLE FOR PUBLIC WORKS PROJECTS OVER \$250,000 BID/AWARDED
OCTOBER 1, 2018 THROUGH SEPTEMBER 30, 2019***

"Pursuant to Nevada Administrative Code (NAC) section 338.040(3), "After a contract has been awarded, the prevailing rates of wages in effect at the time of the opening of bids remain in effect for the duration of the project."

As Amendments/Addenda are made to the wage rates, such will be posted to sites of the respective counties. Please review regularly for any amendments posted or contact our offices directly for further assistance with any amendments to the rates. *Prevailing Wage Rates may be adjusted based on Collective Bargaining Agreements (CBA's) and adjustments to those agreements. (See NAC section 338.010.)

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
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
SPRINKLER FITTER
SURVEYOR (NON-LICENSED)
TAPER
TILE /TERRAZZO WORKER/MARBLE MASON
TRAFFIC BARRIER ERECTOR
TRUCK DRIVER
WELL DRILLER
LUBRICATION AND SERVICE ENGINEER
(MOBILE AND GREASE RACK)
SOIL TESTER (CERTIFIED)
SOILS AND MATERIALS TESTER

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 338.030 (2)(d)

The Labor Commissioner shall determine the prevailing wage to be 90 percent of the rate determined pursuant to paragraphs (a), (b) and (c) for:

(1) Any contract for a public work or any other construction, alteration, repair, remodeling or reconstruction of an improvement or property to which a school district or the Nevada System of Higher Education is a party; and

(2) A public work of, or constructed by, a school district or the Nevada System of Higher Education, or any other construction, alteration, repair, remodeling or reconstruction of an improvement or property of or constructed by a school district or the Nevada System of Higher Education.

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. The obligation of a contractor engaged on a public work or a subcontractor engaged on a public work to pay wages in accordance with the determination of the Labor Commissioner may be discharged in part by making contributions to a third person pursuant to a fund, plan or program in the name of the workman.

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.

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

CRAFT	RATE	NSHE/SCHOOL DISTRICT	Union or Non-union Rate
AIR BALANCE TECHNICIAN			Union
Air Balance Technician-Journeyman	57.93	52.14	
Air Balance Technician-Foreman	60.86	54.77	
Air Balance Technician-General Foreman	63.78	57.40	
<u>AIR BALANCE TECHNICIAN JOB DESCRIPTION</u>			
<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- 0 to 75 miles \$0.00 (including the City of Fallon and the Fallon Naval Air Base) Zone 2- 75 to 100 \$5.00 Zone 3- over 100 \$10.00</p>			
ALARM INSTALLER			Non-Union
Alarm Installer	29.41	26.47	
<p>ALARM INSTALLER Includes but is not limited to:</p> <ol style="list-style-type: none"> 1. 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; 2. Installing of wiring and signaling units; 3. Repairing electrical protective signaling systems 4. Starting up, programming and documenting systems; 			
BOILERMAKER			Non-Union
Boilermaker	65.94	59.35	
<p>BOILERMAKER Includes but is not limited to:</p> <ol style="list-style-type: none"> 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			Union
Bricklayer-Journeyman	39.73	35.76	
Bricklayer-Foreman	40.98	36.88	
Bricklayer-General Foreman	42.73	38.46	
<u>BRICKLAYER JOB DESCRIPTION</u>			
<p>ADD ZONE RATE</p>			

In addition to BRICKLAYER rates add the applicable amounts per hour, calculated based on a road miles of over thirty-five (35) miles from the Washoe County Courthouse in Reno, Nevada:

Free Zone 1-0-34 Miles	\$0.00
Zone 1-35-75 Miles	\$2.50
Zone 2-Over 75 Miles	\$8.12

CARPENTER			Union
Carpenter-Journeyman	47.46	42.71	
Carpenter-Foreman	50.56	45.50	

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 of either the Carson City Courthouse or the Washoe County Courthouse)
Zone 2-75-150 miles	\$4.00	
Zone 3-150-300 miles	\$5.00	
Zone 4-301 miles and over	\$6.00	

CEMENT MASON			Union
Cement Mason-Journeyman	41.12	37.01	
Cement Mason-Foreman	44.12	39.71	

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

ELECTRICIAN-COMMUNICATION TECHNICIAN			Union
Communication Installer	36.49	32.84	
Communication Technician	44.33	36.29	
Senior Technician	43.31	38.98	

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

ELECTRICIAN-LINE			Union
Electrician-Groundman	42.28	38.05	

Electrician-Lineman	64.02	57.62	
Electrician-Foreman	70.19	63.17	
Electrician-General Foreman	76.56	68.90	
Heavy Equipment Operator	52.19	46.97	
<u>ELECTRICIAN LINEMAN JOB DESCRIPTION</u>			
ELECTRICIAN-NEON SIGN			Union
Electrician-Neon Sign	50.75	45.68	
<p>ELECTRICIAN-NEON SIGN, includes but is not limited to:</p> <ol style="list-style-type: none"> 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; 			
ELECTRICIAN-WIREMAN			Union
Wireman	57.88	52.09	
Cable Splicer	62.05	55.84	
Wireman-Foreman	62.05	55.84	
Wireman-General Foreman	66.22	59.60	
<u>ELECTRICIAN-WIREMAN JOB DESCRIPTION</u>			
<p>ADD ZONE RATE In addition to Electrician rates add the applicable amounts per hour, calculated from the Washoe County Courthouse:</p> <p>Zone 1-0-70 miles \$0.00 Zone 2-71-90 miles \$8.00 Zone 3 -91 miles and over \$10.00</p>			
ELEVATOR CONSTRUCTOR			Union
Elevator Constructor-Journeyman Mechanic	87.91	79.12	
Elevator Constructor-Mechanic in Charge	95.74	86.17	
<p>ELEVATOR CONSTRUCTOR, includes but is not limited to:</p> <ol style="list-style-type: none"> 1. Assembling, installing, repairing and maintaining electric and hydraulic freight and passenger elevators, escalators and dumbwaiters; 2. Cutting pre-fabricated 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; 			
FENCE ERECTOR			Non-Union
Fence Erector	42.57	38.31	
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

Flagperson	35.21	31.69	Union
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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

FLOOR COVERER

Floor Coverer-Journeyman	42.19	37.97	Union
Floor Coverer-Foreman	45.10	40.59	

FLOOR COVERER JOB DESCRIPTION

GLAZIER

Glazier Journeyman	21.05	18.95	Non-Union
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GLAZIER

Includes but is not limited to:

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

Highway Striper	40.83	36.75	Union
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HIGHWAY STRIPER JOB DESCRIPTION

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

HOD CARRIER-BRICK MASON TENDER			Union
Brick Mason-Journeyman	36.67	33.00	
Brick Mason-Foreman	37.07	33.36	

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

HOD CARRIER-PLASTERER TENDER			Union
Plasterer Tender-Journeyman	39.67	35.70	
Plasterer Tender-Gun Tender	40.67	36.60	
Plasterer Tender-Foreman	41.03	36.93	

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

IRON WORKER			Union
Ironworker-Journeyman	69.05	62.15	
Ironworker-Foreman	72.85	65.57	
Ironworker-General Foreman			

IRON WORKER JOB DESCRIPTION

LABORER			Union
<u>SEE GROUP CLASSIFICATIONS</u>			
Landscaper	32.92	29.63	
Furniture Mover	34.42	30.98	
Group 1	38.08	34.27	
Group 1A	35.21	31.69	
Group 2	38.18	34.36	
Group 3	38.33	34.50	

Group 4	38.58	34.72	
Group 4A	41.08	36.97	
Group 5	38.88	34.99	
Group 6			
Nozzlemen, Rodmen	37.88	34.09	
Gunmen, Materialmen	38.58	34.72	
Reboundmen	38.23	34.41	
Gunite Foremen	39.28	35.35	

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

MECHANICAL INSULATOR			Union
Mechanical Insulator-Mechanic	65.34	58.81	
Mechanical Insulator-Foreman	68.34	61.51	
Mechanical Insulator-General Foreman	70.34	63.31	

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

MILLWRIGHT	See Amendment 5		Union
Millwright	61.91	55.72	

MILLWRIGHT JOB DESCRIPTION**ADD ZONE RATE**

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

Zone 1-1 to 14 miles	\$0.00
Zone 2-15 to 35 miles	\$1.50
Zone 3-35 miles and over	\$3.25

OPERATING ENGINEER			Union
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SEE GROUP CLASSIFICATIONS

Group 1	53.09	47.78	
Group 1A	55.85	50.27	
Group 2	56.38	50.74	
Group 3	56.65	50.99	
Group 4	57.39	51.65	
Group 5	57.69	51.92	
Group 6	57.86	52.07	
Group 7	58.11	52.30	
Group 8	58.70	52.83	
Group 9	59.02	53.12	
Group 10	59.37	53.43	
Group 10A	59.56	53.60	
Group 11	59.80	53.82	
Group 11A	61.44	55.30	
Group 11B	62.25	56.03	
Foreman	61.44	55.30	
Add 7% to base rate for "Second" Shift			
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	\$3.00
Zone 3-151 to 300 miles	\$4.00
Zone 4-301 miles and over	\$5.00

OPERATING ENGINEER-STEEL FABRICATOR & ERECTOR			Union
SEE GROUP CLASSIFICATIONS			
Group 1	68.39	61.55	
Group 1 Truck Crane Oiler	62.22	56.00	
Group 1 Oiler	60.26	54.23	
Group 2	66.88	60.19	
Group 2 Truck Crane Oiler	61.97	55.77	
Group 2 Oiler	60.05	54.05	
Group 3	65.64	59.08	
Group 3 Truck Crane Oiler	61.75	55.58	
Group 3 Oiler	59.83	53.85	
Group 3 Hydraulic	61.42	55.28	
Group 4	62.38	56.14	
Group 5	61.28	55.15	
Add 7% to base rate for "Second" Shift			
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: **STEEL FABRICATOR and ERECTOR** rates add the applicable amounts per hour calculated based on a r 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	\$3.00
Zone 3-151 to 300 miles	\$4.00
Zone 4-301 miles and over	\$5.00

OPERATING ENGINEER - PILEDRIVER			Union
GROUP CLASSIFICATIONS			
Group 1	67.86	61.07	
Group 1 Truck Crane Oiler	62.40	56.16	
Group 1 Oiler	60.48	54.43	

Group 2	66.32	59.69	
Group 2 Truck Crane Oiler	62.19	55.97	
Group 2 Oiler	60.28	54.25	
Group 3	64.87	58.38	
Group 3 Truck Crane Oiler	61.97	55.77	
Group 3 Oiler	60.05	54.05	
Group 4	63.36	57.02	
Group 5	62.25	56.03	
Group 6	61.14	55.03	
Group 7	60.18	54.16	
Group 8	59.22	53.30	
Add 7% to base for "Second" Shift			
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 PILEDRIVER** 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 \$3.00
- Zone 3-151 to 300 miles \$4.00
- Zone 4-301 miles and over \$5.00

PAINTER			Union
Brush/Roller Painter	39.64	35.68	
Spray Painter/Paperhanger	40.98	36.88	
Sandblaster	41.03	36.93	
Structural Steel & Steeplejack	41.03	36.93	
Swing Stage	41.64	37.48	
Special Coating Application-Brush	41.69	37.52	
Special Coating Application-Spray	41.69	37.52	
Special Coating Application-Spray Steel	41.69	37.52	
Foreman	\$1.00 above highest Journeyman		

PAINTER JOB DESCRIPTION

PILEDRIVER			Union
Piledriver-Journeyman	55.46	49.91	
Piledriver-Foreman	59.19	53.27	

PILEDRIVER, includes but is not limited to:

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;

PLASTERER			Union
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Plasterer - Journeyman	42.76	38.48	
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Plasterer - Foreman	45.66	41.09	
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<u>PLASTERER JOB DESCRIPTION</u>			
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ADD ZONE RATES
 In addition to PLASTERER rates add the applicable amounts per hour, calculated from the South Virginia and Mill Street, Reno, Nevada:

Zone 1-0-70 miles	\$0.00
Zone 2-70 miles and over	\$8.00

PLUMBER/PIPEFITTER	See Amendment 4		Union
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Plumber/Pipefitter-Journeyman	56.45	50.81	
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Plumber/Pipefitter-Foreman	60.18	54.16	
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Plumber/Pipefitter-General Foreman	63.11	56.80	
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<u>PLUMBER/PIPEFITTER JOB DESCRIPTION</u>			
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REFRIGERATION			
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Refrigeration	51.19	46.07	Union
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<u>REFRIGERATION JOB DESCRIPTION</u>			
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ROOFER (Does not include sheet metal roofs)			Non-Union
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Roofer	31.98	28.78	
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ROOFER			
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Includes but is not limited to:

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
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Sheet Metal Worker-Journeyman	60.43	54.39	
Sheet Metal Worker-Foreman	63.56	57.20	
Sheet Metal Worker-General Foreman	66.68	60.01	
<u>SHEET METAL WORKER JOB DESCRIPTION</u>			
<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- 0 to 75 miles \$0.00 (including the City of Fallon and the Fallon Naval Air Base) Zone 2- 75 to 100 \$5.00 Zone 3- over 100 \$10.00</p>			
SPRINKLER FITTER			Non-Union
Sprinkler Fitter -Journeyman	28.80	25.92	
<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			Union
Surveyor	72.16	64.94	
<p>SURVEYOR, includes but is not limited to:</p> <ol style="list-style-type: none"> 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. <p>ADD ZONE PAY In addition to: SURVEYOR rates add the applicable amounts per hour calculated from the City Hall of Las Vegas, Nevada:</p> <p>Zone 1-0 to 20 miles \$0.00 Zone 2-21 to 40 miles \$2.00 Zone 3-41 to 60 miles \$3.00 Zone 4-over 60 miles \$3.50</p>			
TAPER			Union
Taper	44.81	40.33	
<u>TAPER JOB DESCRIPTION</u>			

TILE SETTER/TERRAZZO WORKER/MARBLE MASON-FINISHER			
			Union
Tile, Terrazzo and Marble Finisher – Journeyman	29.32	26.39	
Tile, Terrazzo and Marble Finisher – Foreman	30.57	27.51	
Tile, Terrazzo and Marble Finisher – General Foreman	32.32	29.09	
<u>TILE SETTER/TERRAZZO WORKER/MARBLE MASON-FINISHER JOB DESCRIPTION</u>			
TILE SETTER/TERRAZZO WORKER/MARBLE MASON			
			Union
Tile Setter-Journeyman	39.12	35.21	
Tile Setter-Foreman	40.37	36.33	
Tile Setter-General Foreman	42.12	37.91	
Terrazzo/Marble Mason-Journeyman	40.62	36.56	
Terrazzo/Marble Mason-Foreman	41.87	37.68	
Terrazzo/Marble Mason-General Foreman	43.62	39.26	
<u>TILE/TERRAZZO WORKER/MARBLE MASON JOB DESCRIPTION</u>			
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:			
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	38.08	34.27	
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.			
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		

TRUCK DRIVER			
<u>Dump Trucks (Single or Multiple Units Including Semi's & Double Transfer Units), Dumpconetes and Bulk Cement Spreader)</u>			Non-Union
Under 4 yds. (water level)	23.54	21.19	
4 yds. & under 8 yds. (water level)	23.54	21.19	
8 yds. & under 18 yds. (water level)	23.54	21.19	
18 yds. & under 25 yds. (water level)	23.54	21.19	
25 yds. & under 60 yds. (water level)	23.54	21.19	
60 yds. & under 75 yds. (water level)	23.54	21.19	
75 yds. & under 100 yds. (water level)	23.54	21.19	
100 yds. & under 150 yds.(water level)	23.54	21.19	
150 yds. & under 250 yds. (water level)	23.54	21.19	
250 yds. & under 350 yds. (water level)	23.54	21.19	
350 yds. & over (water level)	23.54	21.19	
<u>Transit Mix</u>	23.54	21.19	
Under 8 yds.	23.54	21.19	
8 yds. & including 12 yds.	23.54	21.19	
Over 12 yds.	23.54	21.19	
<u>Transit Mix (Using Boom)</u>			
Transit mix with boom shall receive 16 cents per hour above the appropriate yardage classification rate of pay when such boom is used	23.54	21.19	
<u>Water & Jetting Trucks</u>			
Up to 2,500 gallons	23.54	21.19	
2,500 gallons & over	23.54	21.19	
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")	23.54	21.19	
Heavy Duty Transport (High Bed)	23.54	21.19	
Heavy Duty Transport(Gooseneck low bed)	23.54	21.19	
Tiltbed or Flatbed Pull Trailers	23.54	21.19	

Bootman, Comb. Bootman & Road Oiler	23.54	21.19	
Flat Rack (2 or 3 axle unit)	23.54	21.19	
Bus & Manhaul Drivers			
Up to 18,000 lbs. (single unit)	23.54	21.19	
18,000 lbs. & over (single unit)	23.54	21.19	
Helicopter Pilot (transporting men/materials)	23.54	21.19	
Lift Jitneys	23.54	21.19	
Winch Truck & "A" Frame Drivers			
Up to 18,000 lbs.	23.54	21.19	
18,000 lbs. and over	23.54	21.19	
Warehousemen Spotter	23.54	21.19	
Warehouse Clerk	23.54	21.19	
Tire Repairmen	23.54	21.19	
Truck Repairmen	23.54	21.19	
Pick Up Truck & Pilot Cars (Jobsite)	23.54	21.19	
Pick Up Truck & Pilot Cars (Over the road)	23.54	21.19	
Truck Oil Greaser	23.54	21.19	
Fuel Truck Driver	23.54	21.19	
Fuel Man & Fuel Island Man	23.54	21.19	
Oil Tanker	23.54	21.19	
Oil Tanker with Pup	23.54	21.19	
Foreman	23.54	21.19	
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	24.99	22.49	
WELL DRILLER , includes but is not limited to: 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.			
LUBRICATION AND SERVICE ENGINEER (MOBILE AND GREASE RACK)			Union
Lubrication and Service Engineer (mobile and grease rack)	58.11	52.30	

ADD ZONE PAY

In addition to: LUBRICATION AND SERVICE ENGINEER rates add the applicable amounts per hour calculated based on 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	\$3.00
Zone 3-150 to 300 miles	\$4.00
Zone 4-300 miles and over	\$5.00

SOIL TESTER (CERTIFIED)

See Amendment 3

Union

Soil Tester (Certified)

71.19

64.07

ADD ZONE PAY

In addition to: FIELD SOILS AND MATERIAL TESTER and FIELD ASPHALTIC CONCRETE (SOILS AND MATERIALS TESTER) rates add the applicable amounts per hour calculated from the City Hall of Las Vegas, Nevada:

Zone 1-0 to 20 miles	\$0.00
Zone 2-21 to 40 miles	\$2.00
Zone 3-41 to 60 miles	\$3.00
Zone 4-over 60 miles	\$3.50

SOILS AND MATERIALS TESTER

See Amendment 3

Union

Soils and Materials Tester

71.19

64.07

ADD ZONE PAY

In addition to: FIELD SOILS AND MATERIAL TESTER and FIELD ASPHALTIC CONCRETE (SOILS AND MATERIALS TESTER) rates add the applicable amounts per hour calculated from the City Hall of Las Vegas, Nevada:

Zone 1-0 to 20 miles	\$0.00
Zone 2-21 to 40 miles	\$2.00
Zone 3-41 to 60 miles	\$3.00
Zone 4-over 60 miles	\$3.50

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
Guide Posts 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

Gunite 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)
Engineer 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)
Mechanical Finishers or Spreader Machine (asphalt, Barber-Greene or similar)
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)
Roller Operator (asphalt)
Screedman (except asphaltic or concrete paving)
Screedman (Barber-Greene and similar) (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
Mixermobile
Push Cats
Road Oil Mixing Machine Operator Wood-Mixer (and other similar Pugmill equipment)
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)
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
Gradesetter, Grade Checker
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
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

2018-2019 PREVAILING WAGE RATE

- AMENDMENT 1
- Classification – Carpenter Journeyman
- County – Elko, Eureka, Lyon and Mineral
- Effective – October 1, 2018

The following represents the amended wage rates.

Carpenter NSHE OR SCHOOL DISTRICT
Carpenter- Journeyman 47.46 42.71
Carpenter- Foreman 50.56 45.50

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
Zone 2-75-150 miles \$4.00
Zone 3-150-300 miles \$5.00
Zone 4-301 miles and over \$6.00

2018-2019 PREVAILING WAGE RATE

- AMENDMENT 2
- Classification – **Traffic Barrier Erector**
- County – White Pine
- Effective – October 8, 2018

The following represents the amended wage rates.

TRAFFIC BARRIER ERECTOR	Rate	NSHE OR SCHOOL DISTRICT	Union
Traffic Barrier Erector	38.08	34.27	

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.

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 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

2018-2019 PREVAILING WAGE RATE

- AMENDMENT 3
- Classification – **SOIL TESTER (CERTIFIED) & SOILS AND MATERIALS TESTER**
- County – ALL COUNTIES
- Effective – October 1, 2018

The following represents the amended wage rates.

CARSON CITY			
CRAFT	RATE	NSHE or School District	Non Union
SOIL TESTER (CERTIFIED)			
Soil Tester (Certified)	37.99	34.19	
SOILS AND MATERIALS TESTER			
Soils and Materials Tester	37.99	34.19	

CHURCHILL			
CRAFT	RATE	NSHE or School District	Non Union
SOIL TESTER (CERTIFIED)			
Soil Tester (Certified)	38.24	34.42	
SOILS AND MATERIALS TESTER			
Soils and Materials Tester	38.24	34.42	

CLARK			
CRAFT	RATE	NSHE or School District	Union
SOIL TESTER (CERTIFIED)			
Soil Tester (Certified)	71.19	64.07	
SOILS AND MATERIALS TESTER			
Soils and Materials Tester	71.19	64.07	

ADD ZONE RATE

In addition to: FIELD SOILS AND MATERIAL TESTER rates add the applicable amounts per hour calculated from the City Hall of Las Vegas, Nevada:

Zone 1-0 to 20 miles	\$0.00
Zone 2-21 to 40 miles	\$2.00
Zone 3-41 to 60 miles	\$3.00
Zone 4-over 60 miles	\$3.50

DOUGLAS

CRAFT	RATE	NSHE or School District	Non Union
SOIL TESTER (CERTIFIED)			
Soil Tester (Certified)	42.83	38.55	
SOILS AND MATERIALS TESTER			
Soils and Materials Tester	42.83	38.55	

ELKO

CRAFT	RATE	NSHE or School District	Non Union
SOIL TESTER (CERTIFIED)			
Soil Tester (Certified)	43.10	38.79	
SOILS AND MATERIALS TESTER			
Soils and Materials Tester	43.10	38.79	

ESMERALDA

CRAFT	RATE	NSHE or School District	Non Union
SOIL TESTER (CERTIFIED)			
Soil Tester (Certified)	41.53	37.38	
SOILS AND MATERIALS TESTER			
Soils and Materials Tester	41.53	37.38	

EUREKA

CRAFT	RATE	NSHE or School District	Non Union
SOIL TESTER (CERTIFIED)			
Soil Tester (Certified)	36.46	32.81	
SOILS AND MATERIALS TESTER			
Soils and Materials Tester	36.46	32.81	

HUMBOLDT

CRAFT	RATE	NSHE or School District	Non Union
SOIL TESTER (CERTIFIED)			
Soil Tester (Certified)	44.34	39.91	
SOILS AND MATERIALS TESTER			
Soils and Materials Tester	44.34	39.91	

LANDER

CRAFT	RATE	NSHE or School District	Non Union
SOIL TESTER (CERTIFIED)			
Soil Tester (Certified)	44.34	39.91	
SOILS AND MATERIALS TESTER			
Soils and Materials Tester	44.34	39.91	

LINCOLN

CRAFT	RATE	NSHE or School District	Non Union
SOIL TESTER (CERTIFIED)			
Soil Tester (Certified)	36.46	32.81	
SOILS AND MATERIALS TESTER			

2018-2019 Amendment 3

Soils and Materials Tester	36.46	32.81
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LYON

CRAFT	RATE	NSHE or School District	Non Union
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SOIL TESTER (CERTIFIED)

Soil Tester (Certified)	36.73	33.06
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SOILS AND MATERIALS TESTER

Soils and Materials Tester	36.73	33.06
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MINERAL

CRAFT	RATE	NSHE or School District	Non Union
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SOIL TESTER (CERTIFIED)

Soil Tester (Certified)	39.56	35.60
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SOILS AND MATERIALS TESTER

Soils and Materials Tester	39.56	35.60
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NYE

CRAFT	RATE	NSHE or School District	Union
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SOIL TESTER (CERTIFIED)

Soil Tester (Certified)	71.19	64.07
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SOILS AND MATERIALS TESTER

Soils and Materials Tester	71.19	64.07
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ADD ZONE RATE

In addition to: FIELD SOILS AND MATERIAL TESTER rates add the applicable amounts per hour calculated from the City Hall of Las Vegas, Nevada:

Zone 1-0 to 20 miles	\$0.00
Zone 2-21 to 40 miles	\$2.00
Zone 3-41 to 60 miles	\$3.00
Zone 4-over 60 miles	\$3.50

PERSHING

CRAFT	RATE	NSHE or School District	Non Union
SOIL TESTER (CERTIFIED)			
Soil Tester (Certified)	38.89	35.00	
SOILS AND MATERIALS TESTER			
Soils and Materials Tester	38.89	35.00	

STOREY

CRAFT	RATE	NSHE or School District	Non Union
SOIL TESTER (CERTIFIED)			
Soil Tester (Certified)	33.49	30.14	
SOILS AND MATERIALS TESTER			
Soils and Materials Tester	33.49	30.14	

WASHOE

CRAFT	RATE	NSHE or School District	Non Union
SOIL TESTER (CERTIFIED)			
Soil Tester (Certified)	36.01	32.41	
SOILS AND MATERIALS TESTER			
Soils and Materials Tester	36.01	32.41	

WHITE PINE

CRAFT	RATE	NSHE or School District	Non Union
SOIL TESTER (CERTIFIED)			
Soil Tester (Certified)	36.46	32.41	

**SOILS AND MATERIALS
TESTER**

Soils and Materials Tester	36.46	32.41
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2018-2019 PREVAILING WAGE RATE

AMENDMENT 4

- Classification – *Plumber/Pipefitter Zone Rate*
- County – Carson City, Churchill, Douglas, Elko, Eureka, Humboldt, Lander, Lyon, Nye, Pershing, Storey, Washoe and White Pine
- Effective – October 1, 2018

The following represents the amended wage rates.

In addition to PLUMBER rates add the applicable amounts per hour, calculated based on a statute air mile radius from the Nevada freeway interchange of Interstate 80 and 580.

Zone 1- 0 to 75 miles	\$0.00
Zone 2- over 75	\$8.00

ELKO COUNTY ONLY

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.

Zone 1- 0 to 75 miles	\$0.00
Zone 2- over 75	\$8.00

Employees **NOT** permanently residing In addition to PLUMBER rates add the applicable amounts per hour, calculated based on a statute air mile radius from the Nevada freeway interchange of Interstate 80 and 580.

Zone 1- 0 to 75 miles	\$0.00
Zone 2- over 75	\$8.00

2018-2019 PREVAILING WAGE RATE

- AMENDMENT 5
- Classification – Millwright *Zone Rate*
- County – All Counties
- Effective – October 1, 2018

The following represents the amended wage rates.

For Carson City, Churchill, Douglas, Elko, Eureka, Humboldt, Lander, Lyon, Mineral, Pershing, Storey, Washoe and White Pine Counties

ADD ZONE RATE

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

Zone 1-0 to 15 miles	\$0.00
Zone 2-15 to 35 miles	\$2.50
Zone 3-Over 35 miles	\$4.25

For Clark, Esmeralda, Lincoln and Nye Counties

ADD ZONE RATE

In addition to MILLWRIGHT rates add the applicable amounts per hour, calculated on road miles from Maryland Parkway and Charleston Boulevard, Las Vegas:

Zone 1-0 to 20 miles	\$0.00
Zone 2-20 to 40 miles	\$2.50
Zone 3-Over 40 miles	\$4.25



City of Reno, Nevada

**Truckee Meadows Water Reclamation Facility
120V Electrical Equipment Replacement Project
Phase 1**

SECTION 1000

TECHNICAL SPECIFICATIONS

Project Contract No. I100104-2684

PWP No. WA-2019-123

March 20, 2019



Signed: 3/20/2019

TECHNICAL SPECIFICATIONS
TMWRF 120V ELECTRICAL EQUIPMENT REPLACEMENT PROJECT PHASE 1
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Division 1
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