

**Addendum No. 1**  
**GORDON WATER MAIN REPLACEMENT**  
PWP Bid No.: WA-2019-004  
TMWA Capital Project No.: 10-0001.053  
October 3, 2018

The following information, clarifications, changes and modifications are by reference incorporated into the bid documents for the above referenced project. Any work item or contract provision not changed or modified will remain in full force and effect. The bid date and time and construction schedule remain the same.

**A. Specifications**

1. Section 15010, Part 2.09.C.1 – Replace “no equal” with “or approved equal” in the third sentence.

**B. Bidding Procedures – Section 1- Bid Proposal Forms – Bid Schedule**

1. Replace the Bid Schedule with the attached pages 3-12 of Bid Schedules Revised October 3, 2018. The quantities for Items 6, 16, 17, 18, 20, 24 and 28 have been revised.

**QUESTIONS AND RESPONSES**

**Question No. 1:** General Note #7 on the plan sheets and spec 2.10 refer to an insulated transition coupling when connecting to existing metal pipe. Are the TMWA approved Hymax or MACRO HP approved insulated couplings? If not, please provide a standard for the insulated transition coupling.

**Response to Question No. 1:** The Hymax Cathodic transition coupling or the Romac MACRP HP with an insulating boot from a Romac IC501 insulating transition coupling will be acceptable.

**Question No. 2:** Will the Wax Tape system be required for the fittings and valves for this project?

**Response to Question No. 2:** Yes.

**Question No. 3:** Bid Items #6, #20, #24, & #28 bid quantities are low to what is shown on plans. Please review

**Response to Question No. 3:** This is addressed by this Addendum in Section B above.

**Question No. 4:** Bid Items #16, #17, & #18 bid quantities are high to what is shown on plans. Please review.

**Response to Question No. 4:** This is addressed by this Addendum in Section B above.

**Question No. 5:** Just a quick question on the bolt coating spec for this job. T2000 Tripac coating only, no equals. Normally we buy from Tripac, Hodell, and Romac and in the past that has never been a problem. Is this just a typo, or are we looking at having to change our inventory? They all use the same fluoro coating. No need to issue an addendum or anything, just curious more for my own sake to make sure we have the right stuff in stock for future jobs.

**Response to Question No. 5:** This is addressed by this Addendum in Section A above.

**QUESTION CUT-OFF DATE: OCTOBER 3, 2018**

**END OF ADDENDUM NO. 1**

**BID SCHEDULES**

**PWP #:** PWP-WA-2019-004  
**BID TITLE:** Gordon Water Main Replacement

**NOTICE:** No substitution or revision to this Bid Schedule form will be accepted. Truckee Meadows Water Authority will reject any Bid that is received that has changes or alterations to this document. Although the Prevailing Wages are provided in this bid document, the bidder is responsible to verify with the Labor Commissioner if any addendums have been issued. If different, the successful bidder will be required to provide the current Prevailing Wages used in preparation of their bid within 24 hours of bid submission.

**PRICES** must be valid for 30 calendar days after the bid opening.

**A COPY OF THE "CERTIFICATE"** of eligibility to receive a preference in bidding on public works issued to him/her by the State Contractors' Board and (if claiming Locals Preference) the Local's Preference Affidavit (provided above) must be submitted with his/her bid to the Contracts Division for the preference to be considered. These Statutes do not apply to projects expected to cost less than \$250,000.

**COMPLETION** of this project is expected **PURSUANT TO CONTRACT DOCUMENTS**.

**BIDDER** acknowledges receipt of \_\_\_\_\_ Addendums.

Item pricing on this schedule is for use in preparing the schedule of values that will be used as a basis for partial payment during construction and for internal TMWA use. Item descriptions are not intended to be all inclusive. Bidders shall include costs for work not specifically mentioned in the most appropriate item.

Refer to Article 7 of the General Conditions for a list of items that may be included in the mobilization bid item. TMWA reserves the right to perform extra work using time and expense or negotiated lump sum procedures.

The Contract Sum will be adjusted (increased or decreased) for actual quantities per unit price items. Lump sum items will not be adjusted.

Compliance with all permit and environmental requirements is incidental to the Work. No separate bid item, or additional payment provisions, shall be made for operational constraints or conditions placed on the Work by permitting agency requirements.

\_\_\_\_\_  
(signature)

**SUMMARY**

Description	Scheduled Value	Unit	Unit Price	Total Price
1. <b>Mobilization and Demobilization:</b> Include all front-end costs associated with bonding, insurance, temporary facilities, project schedule, submittals; and materials, labor, and equipment mobilization to the project site. Include all back-end costs associated with project and contract closeout, including demobilization	1	LS		

BID SCHEDULES REVISED OCTOBER 3, 2018  
(Cont)

Description	Scheduled Value	Unit	Unit Price	Total Price
from the site.				
<p><b>2. Furnish and Install Traffic Control:</b> Include all costs for labor, equipment, and incidentals necessary to comply with these Specifications including, but not limited to, permitting, preparation and distribution of plans, notices and reports; setup, removal and maintenance of all barricades, signs (including custom signs), channelizing devices, barrel cones, flag persons, detours, arrow boards, and message boards; temporary striping; temporary paving; temporary aggregate base; and plantmix asphalt pavement ramps. There shall be no additional payment for changes in the traffic control plan required as a result of changes in the Contractor's work method or schedule.</p>	1	LS		
<p><b>3. 4-inch Diameter Water Main (Restrained Joint Ductile Iron Pipe with Polywrap):</b> Include all labor, equipment, and materials required to complete the installation of the water main, including, but not limited to, coordination of delivery, inspection and storage of materials; removal and disposal of existing improvements regardless of material; trench excavation (including haul and disposal of unusable and excess excavated material); furnishing and installing all restrained joint pipe, fittings, restraints, concrete thrust blocks, and locator wires; laying and jointing pipe; flush valve assembly; pipe bedding, trench backfill and compaction; water main testing, disinfection, flushing, care and transportation of testing samples to laboratory; temporary asphalt pavement restoration; and clean-up, all in accordance with the Contract Documents.</p>	12	LF		
<p><b>4. 6-inch Diameter Water Main (Restrained Joint Ductile Iron Pipe with Polywrap):</b> Include all labor, equipment, and materials required to complete the installation of the water main, including, but not limited to, coordination of delivery, inspection and storage of materials; removal and disposal of existing improvements regardless of material; trench excavation (including haul and disposal of unusable and excess excavated material); furnishing and installing all restrained joint pipe, fittings, restraints, concrete thrust blocks, and locator wires; laying and</p>	1,890	LF		

BID SCHEDULES REVISED OCTOBER 3, 2018  
(Cont)

Description	Scheduled Value	Unit	Unit Price	Total Price
jointing pipe; flush valve assembly; pipe bedding, trench backfill and compaction; water main testing, disinfection, flushing, care and transportation of testing samples to laboratory; temporary asphalt pavement restoration; and clean-up, all in accordance with the Contract Documents.				
5. <b>8-inch Diameter Water Main (Restrained Joint Ductile Iron Pipe with Polywrap):</b> Include all labor, equipment, and materials required to complete the installation of the water main, including, but not limited to, coordination of delivery, inspection and storage of materials; removal and disposal of existing improvements regardless of material; trench excavation (including haul and disposal of unusable and excess excavated material); furnishing and installing all restrained joint pipe, fittings, restraints, concrete thrust blocks, and locator wires; laying and jointing pipe; flush valve assembly; pipe bedding, trench backfill and compaction; water main testing, disinfection, flushing, care and transportation of testing samples to laboratory; temporary asphalt pavement restoration; and clean-up, all in accordance with the Contract Documents.	2,557	LF		
6. <b>10-inch Diameter Water Main (Restrained Joint Ductile Iron Pipe with Polywrap):</b> Include all labor, equipment, and materials required to complete the installation of the water main, including, but not limited to, coordination of delivery, inspection and storage of materials; removal and disposal of existing improvements regardless of material; trench excavation (including haul and disposal of unusable and excess excavated material); furnishing and installing all restrained joint pipe, fittings, restraints, concrete thrust blocks, and locator wires; laying and jointing pipe; flush valve assembly; pipe bedding, trench backfill, and compaction; water main testing, disinfection, flushing, care and transportation of testing samples to laboratory; temporary asphalt pavement restoration; and clean-up, all in accordance with the Contract Documents.	719	LF		
7. <b>1" Service Reconnection:</b> Include all labor, equipment, and materials required to complete the installation of the service lines between the new water main and connection to existing service line, including, but not limited to, coordination of delivery, inspection and storage of	75	EA		

BID SCHEDULES REVISED OCTOBER 3, 2018  
(Cont)

Description	Scheduled Value	Unit	Unit Price	Total Price
materials; removal and disposal of existing improvements regardless of material; trench excavation (including haul and disposal of unusable and excess excavated material); furnishing and installing all service lines, coupling (reducer if applicable), service taps, corp stops, and locator wires; abandonment of service connections to existing water main; laying and jointing pipe; pipe bedding, trench backfill and compaction; temporary asphalt pavement restoration; and clean-up, all in accordance with the Contract Documents.				
<p><b>8. 1-1/4" Service Reconnection:</b>            Include all labor, equipment, and materials required to complete the installation of the service lines between the new water main and connection to existing service line, including, but not limited to, coordination of delivery, inspection and storage of materials; removal and disposal of existing improvements regardless of material; trench excavation (including haul and disposal of unusable and excess excavated material); furnishing and installing all service lines, coupling (reducer if applicable), service taps, corp stops, and locator wires; abandonment of service connections to existing water main; laying and jointing pipe; pipe bedding, trench backfill and compaction; temporary asphalt pavement restoration; and clean-up, all in accordance with the Contract Documents.</p>	13	EA		
<p><b>9. 2" Service Reconnection:</b>            Include all labor, equipment, and materials required to complete the installation of the service lines between the new water main and connection to existing service line, including, but not limited to, coordination of delivery, inspection and storage of materials; removal and disposal of existing improvements regardless of material; trench excavation (including haul and disposal of unusable and excess excavated material); furnishing and installing all service lines, coupling (reducer if applicable), service taps, corp stops, and locator wires; abandonment of service connections to existing water main; laying and jointing pipe; pipe bedding, trench backfill and compaction; temporary asphalt pavement restoration; and clean-up, all in accordance with the Contract Documents.</p>	3	EA		

BID SCHEDULES REVISED OCTOBER 3, 2018  
(Cont)

Description	Scheduled Value	Unit	Unit Price	Total Price
<p>10. <b>1” Service Replacement:</b>            Include all labor, equipment, and materials required to complete the installation of the service lines between the new water main and existing water meter, including, but not limited to, coordination of delivery, inspection and storage of materials; removal and disposal of existing improvements regardless of material; trench excavation (including haul and disposal of unusable and excess excavated material); furnishing and installing all service lines, coupling (reducer if applicable), service taps, corp stops, and locator wires; connection to existing meter setters; abandonment of service connections to existing water main; laying and jointing pipe; pipe bedding, trench backfill and compaction; temporary asphalt pavement restoration; temporary asphalt, curb and sidewalk restoration; and clean-up, all in accordance with the Contract Documents.</p>	30	EA		
<p>11. <b>1-1/4” Service Replacement:</b>            Include all labor, equipment, and materials required to complete the installation of the service lines between the new water main and existing water meter, including, but not limited to, coordination of delivery, inspection and storage of materials; removal and disposal of existing improvements regardless of material; trench excavation (including haul and disposal of unusable and excess excavated material); furnishing and installing all service lines, coupling (reducer if applicable), service taps, corp stops, and locator wires; connection to existing meter setters; abandonment of service connections to existing water main; laying and jointing pipe; pipe bedding, trench backfill and compaction; temporary asphalt pavement restoration; temporary asphalt, curb and sidewalk restoration; and clean-up, all in accordance with the Contract Documents.</p>	5	EA		
<p>12. <b>2” Service Replacement:</b>            Include all labor, equipment, and materials required to complete the installation of the service lines between the new water main and existing water meter, including, but not limited to, coordination of delivery, inspection and storage of materials; removal and disposal of existing improvements regardless of material; trench excavation (including haul and disposal of unusable and excess excavated material); furnishing and installing all service lines, coupling</p>	2	EA		

BID SCHEDULES REVISED OCTOBER 3, 2018  
(Cont)

Description	Scheduled Value	Unit	Unit Price	Total Price
(reducer if applicable), service taps, corp stops, and locator wires; connection to existing meter setters; abandonment of service connections to existing water main; laying and jointing pipe; pipe bedding, trench backfill and compaction; temporary asphalt pavement restoration; temporary asphalt, curb and sidewalk restoration; and clean-up, all in accordance with the Contract Documents.				
13. <b>6" Water Main Retirement:</b> Retire water main, including cutting of existing water main piping, providing and installing appropriate sized cap. This item includes any trenching, removal and disposal of existing improvements as needed, grout placement, cap, and all required appurtenances to retire the water line as shown on the plans, including, backfill, compaction and temporary asphalt patching as required all in accordance with the Contract Documents.	1,755	LF		
14. <b>8" Water Main Retirement:</b> Retire water main, including cutting of existing water main piping, providing and installing appropriate sized cap. This item includes any trenching, removal and disposal of existing improvements as needed, grout placement, cap, and all required appurtenances to retire the water line as shown on the plans, including, backfill, compaction and temporary asphalt patching as required all in accordance with the Contract Documents.	934	LF		
15. <b>Gate Valve Retirement:</b> Include all excavation; removal and disposal of existing valve box, conductor pipe and concrete collar; backfill, compaction and temporary asphalt patching as required all in accordance with the Contract Documents.	10	EA		
16. <b>6-inch Diameter Gate Valve:</b> Include all labor, equipment, and materials required to complete the installation of the gate valve, including, but not limited to, coordination of delivery, inspection and storage of materials; valve assembly, restraints, locate wire, conductor pipe, valve box, concrete collar, wax tape and other necessary appurtenances, all in accordance with the Contract Documents. <u>Excludes distribution tap gate valves.</u>	9	EA		



BID SCHEDULES REVISED OCTOBER 3, 2018  
(Cont)

Description	Scheduled Value	Unit	Unit Price	Total Price
<p><b>17. 8-inch Diameter Gate Valve:</b> Include all labor, equipment, and materials required to complete the installation of the gate valve, including, but not limited to, coordination of delivery, inspection and storage of materials; valve assembly, restraints, locate wire, conductor pipe, valve box, concrete collar, wax tape and other necessary appurtenances, all in accordance with the Contract Documents. Excludes distribution tap gate valves.</p>	10	EA		
<p><b>18. 10-inch Diameter Gate Valve:</b> Include all labor, equipment, and materials required to complete the installation of the gate valve, including, but not limited to, coordination of delivery, inspection and storage of materials; valve assembly, restraints, locate wire, conductor pipe, valve box, concrete collar, wax tape and other necessary appurtenances, all in accordance with the Contract Documents.</p>	4	EA		
<p><b>19. Combination Air Release Valve Assembly:</b> Include all labor, equipment, and materials required to complete the installation of the assembly, including, but not limited to, coordination of delivery, inspection and storage of materials; trench excavation (including haul and disposal of unusable and excess excavated material); furnishing and installing service lines, valves, fittings, service taps, valve box and riser, combination air valve assembly, enclosure with lid and riser, and locator wires; laying and jointing pipe; pipe bedding, trench backfill and compaction; temporary asphalt pavement restoration; and clean-up, all in accordance with the Contract Documents.</p>	3	EA		
<p><b>20. Tracer Wire Test Station:</b> Include all labor, equipment, and materials required to complete the installation of the assembly, including, but not limited to, coordination of delivery, inspection and storage of materials; trench excavation (including haul and disposal of unusable and excess excavated material); furnishing and installing tracer wire, conductor pipes, conduits, cast iron valve boxes with covers marked "Test Station", concrete collars and 3-lb anodes; running tracer wire; bedding, trench backfill and compaction; temporary asphalt pavement restoration; and clean-up, all in accordance with the Contract Documents.</p>	20	EA		

BID SCHEDULES REVISED OCTOBER 3, 2018  
(Cont)

Description	Scheduled Value	Unit	Unit Price	Total Price
<p>21. <b>2” Temporary Flush or Service Assembly:</b> Include all labor, equipment, and materials required to complete the installation of the assembly, including, but not limited to, coordination of delivery, inspection and storage of materials; trench excavation (including haul and disposal of unusable and excess excavated material); furnishing and installing service saddle, corporation stop, PE service line, and brass plug upon completion of flush/testing; furnishing and installing blind flange with 2” NPT center and final removal and disposal; bedding, trench backfill and compaction; temporary asphalt pavement restoration; and clean-up, all in accordance with the Contract Documents.</p>	12	EA		
<p>22. <b>6-Inch Distribution Tap on Existing 6-Inch Cast Iron Main:</b> Include all labor, equipment, and materials required to complete the installation of the assembly, including, but not limited to, coordination of delivery, inspection and storage of materials; trench excavation (including haul and disposal of unusable and excess excavated material); furnishing and installing tapping sleeve, thrust blocks, and gate valve; bedding, trench backfill compaction; temporary asphalt pavement restoration; and clean-up, all in accordance with the Contract Documents.</p>	1	EA		
<p>23. <b>8-Inch Distribution Tap on Existing 14-Inch Transite Main:</b> Include all labor, equipment, and materials required to complete the installation of the assembly, including, but not limited to, coordination of delivery, inspection and storage of materials; trench excavation (including haul and disposal of unusable and excess excavated material); furnishing and installing tapping sleeve, thrust blocks, and gate valve; bedding, trench backfill and compaction; temporary asphalt pavement restoration; and clean-up, all in accordance with the Contract Documents.</p>	1	EA		
<p>24. <b>Reconnection of Existing 6” Fire Hydrant Lateral to New Main:</b> Include all labor, equipment and materials required to complete the installation of 6” gate valve and 6” restrained joint ductile iron pipe, including but not limited to, coordination of delivery, inspection and storage of materials; trench excavation (including haul and disposal of unusable and excess excavated material); furnishing and installing all</p>	3	EA		

BID SCHEDULES REVISED OCTOBER 3, 2018

(Cont)

Description	Scheduled Value	Unit	Unit Price	Total Price
fittings, couplings, restraints, concrete thrust blocks, and locator wires; laying and joining pipe; pipe bedding, trench, backfill and compaction; temporary asphalt pavement restoration, and clean-up, all in accordance with the Contract Documents.				
<b><i>Bid List Items 25 through 28 are contingent items and may or may not be required or authorized. Bid List items 25 through 28 will be considered in the total bid price when selecting the best bidder pursuant to NRS 338.</i></b>				
<b>25. Additional Trench Excavation Depth – Per Foot of Depth, for Additional Trench Depths Which Exceed 2 feet Below the Design Profile Depth:</b> This item excludes trenching depths shown on the Design Plans and includes only those depths which exceed 2 feet below the depth shown on the Plans due to unforeseen circumstances.	100	LF		
<b>26. Anchor 4-inch or 6-inch valve:</b> Anchor shall be utilized if the existing valves as noted on the plans to be abandoned are not restrained and require anchoring with the addition of harness, tie rods and concrete anchor block. This item shall include all material, labor, and time needed to install assembly, cure and cut/cap the main; excavation, backfill and compaction; temporary asphalt pavement restoration, and clean-up.	1	EA		
<b>27. Rock Excavation (Reference Article 4 of the General Conditions)</b>	50	CY		
<b>28. Fire hydrant Lateral Vertical Offset:</b> Include all labor, equipment and materials required to furnish and install 6-inch 45° mechanical joint fittings as required to make new service connection to existing, including, but not limited to, coordination of delivery, inspection and storage of materials, cutting ductile iron pipe and assembly.	3	EA		
<b>TOTAL BID PRICE</b>				

Total Bid Price Written in Words: \_\_\_\_\_

**NOTES TO BID SCHEDULE:**

1. This project is bid on a unit price basis and shall include all necessary incidentals and appurtenances

for a complete in place, functional facility as described in the contract documents. Where applicable, all Bid Items shall include bolts and nuts, warning tape, polyethylene encasement, excavation, bedding, backfill, compaction, asphalt concrete pavement patch, disinfection, flushing, testing, valve boxes, conductor riser pipes, concrete pads, thrust blocks, and any other incidentals and/or appurtenances required for a complete in place, functional facility. Prices include all labor, equipment, materials, supervision, profit, overhead, and incidental costs. Bid item descriptions are not intended to be all inclusive. Bidders shall include costs for work not specifically mentioned in the most appropriate item, including but not limited to: potholing (both where necessary to verify existing utilities and at the locations specifically identified on the Improvement Plans); pavement saw-cutting, grinding, or other method as approved by TMWA; removal and disposal of existing pavement, concrete, and trench spoils; removal and disposal of existing mains/facilities necessary to make connections to existing water mains/facilities and/or to install new water mains/facilities; removal and disposal of existing valve/curb valve boxes, conductor pipes, meter boxes, and any other facilities identified in the Improvement Plans, including backfill with aggregate base and placement of asphalt concrete pavement patch; furnishing, installation, and/or removal of flush/test assemblies.

2. Refer to Article 7 of the General Conditions for a list of items that may be included in the mobilization bid item.
3. TMWA reserves the right to perform extra work using time and expense or negotiated lump sum procedures.
4. Trench and pavement patch widths depicted in the trench detail(s) are minimum widths. No additional payment will be made for additional backfill materials (sand, cement slurry, and/or base) and/or asphalt concrete (AC) pavement patch for trench and/or pavement patch widths in excess of those depicted in the trench detail(s). Theoretically, the trench and/or pavement patch width(s) could be the entire width of the street from lip of curb to lip of curb. Excavation, backfill, and asphalt concrete (AC) pavement patches required at water main connection locations, cut and cap locations, valve box removal locations, and any other locations not specifically mentioned, shall be as required to complete the task, with no additional payment.
5. Compliance with all permit and environmental requirements is incidental to the Work. No separate bid item, or additional payment provisions, shall be made for operational constraints or conditions placed on the Work by permitting agency requirements.