

ADDENDUM NO. 1  
August 15, 2025

NORTHWEST SIDE WATER MAIN REPLACEMENT – PHASE 1  
O. F. 1736.0

Bid Time and Date: 9:00 a.m., August 20, 2025  
Office of the City Clerk, Room 204, Civic Center, Great Falls, MT

**NOTICE TO ALL BIDDERS**

The Contract Specifications and Plans are hereby modified as follows, and in submitting his/her bid, each bidder shall acknowledge receipt of all addenda, which will become part of the Contract Documents according to the requirements outlined in the INSTRUCTIONS TO BIDDERS.

**TO THE CONTRACT DOCUMENTS**

**1. BID FORM:**

***CORRECTIONS***

118.	Imported Backfill Material	<del>2,800</del> 3,300	C.Y.	_____	_____
120.	Base Course, 1 ½" Minus, 12" Depth	<del>2,400</del> 2,600	S.Y.	_____	_____
118.	4" A.C. Pavement Replacement	<del>3,100</del> 4,300	S.Y.	_____	_____

***CHANGE***

126. Miscellaneous Water Main Replacement Work to 127. Miscellaneous Water Main Replacement Work

***ADD***

126.	6" Reinforced Concrete	100	S.F.	_____	_____
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***Replace Bid Form sheets 1 through 7 with attached Bid Form sheets 1 through 7.***

**2. MEASUREMENT AND PAYMENT:**

***REPLACE***

121. **4" A.C. Pavement Replacement** section with

121. **4" A.C. Pavement Replacement:** Measurement is made by the **Square Yard** in

place. Payment will be made at the contract unit price per **Square Yard** which includes saw cutting/milling prior to paving; removal and disposal of asphalt; fine grading and compaction of existing subbase and base course outside trench; tack coat; furnishing, placing and compacting 4" of asphaltic concrete in two equal lifts; and all other work necessary to complete the item. The maximum A.C. pavement replacement pay width for water main installation is 10.5 feet (measured from the lip of curb or face of curb) measured as an average of the A.C. pavement trench width along the main for each city block. The maximum A.C. pavement replacement pay width for water service line installation is 6 feet measured as an average of the A.C. pavement trench width for water service lines for each city block.

### ***CHANGE***

126. Miscellaneous Water Main Replacement Work to 127. Miscellaneous Water Main Replacement Work

### ***ADD***

126. **6" Reinforced Concrete:** Measurement shall be made by the **Square Foot** in-place. Payment will be made at the contract unit price per **Square Foot** which includes saw cutting, removal and disposal of all existing concrete materials, and excavation and disposal of excess material; compacting subgrade; backfill; furnishing, placing, and compacting 10-inches of 1½-inch minus crushed base course; furnishing and placing #4 reinforcement bar, including support chairs; doweling into existing concrete; furnishing, placing, finishing, and curing of 6-inch thick concrete; pre-molded mastic for expansion joints; contraction joints; backfilling behind sidewalk where necessary; readjusting valve lids where necessary; forming and placing barrier wall behind handicap ramps; cleanup; and all other work necessary for completion of the item.

***Replace Measurement and Payment sheets 1 through 5 with attached Measurement and Payment sheets 1 through 6.***

### **3. CLARIFICATIONS:**

- Municipex is not allowed on this project. Water services ¾" to 2" shall be Type K soft copper.
- Where water main trench parallels curb and gutter, the asphalt shall be replaced to the face of the curb and gutter. The max asphalt pay width for water main trench is 10.5 feet per the Measurement and Payment.
- Contractor shall start work on or before September 29, 2025. Due to Temporary Water concerns, Contractor may elect to initiate Winter Shutdown as early as September 29, 2025. Spring startup shall occur on April 6, 2026 or earlier.
- Engineer's Estimate: 2.1 million.
- Dewatering and Rock Excavation are incidental per Special Provision-18.

### **ACKNOWLEDGEMENT OF ADDENDUM NO. 1**

The bidder shall acknowledge receipt of Addendum No.1 on the Bid Form and include this Addendum with the Bid. Contractor is encouraged to acknowledge the Addendum on the bid envelope also.

Issued By:  
City of Great Falls  
Engineering Department

*Matthew Proud*

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Matt Proud, P.E.  
Project Engineer



**END OF ADDENDUM NO. 1**



## SECTION 00300

### BID FORM

#### PROJECT IDENTIFICATION:

NORTHWEST SIDE WATER MAIN REPLACEMENT – PHASE 1, O. F. 1736.0

(Name of Project)

PROJECT IS LOCATED ON 13<sup>TH</sup> STREET NORTHWEST FROM CENTRAL AVE WEST TO 5<sup>TH</sup> AVE NORTHWEST; 3<sup>RD</sup> AVE NORTHWEST FROM 13<sup>TH</sup> STREET NORTHWEST TO 11<sup>TH</sup> STREET NORTHWEST; AND 5<sup>TH</sup> AVE NORTHWEST FROM 9<sup>TH</sup> STREET NORTHWEST TO 6<sup>TH</sup> STREET NORTHWEST.

(Location)

#### THIS BID SUBMITTED TO:

City of Great Falls

P.O. Box 5021

Great Falls, MT 59403

**1.01** The undersigned Bidder proposes and agrees if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents, to perform and furnish all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the terms and conditions of the Bidding Documents.

**2.01** Bidder accepts all of the terms and condition of the Advertisement or Invitation to Bid, and Instruction to Bidders, including without limitations those dealing with the disposition of Bid Security. This Bid will remain subject to acceptance for sixty (60) days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

**3.01** In submitting this Bid, Bidder represents, as set forth in the Agreement, that:

A. Bidder has examined and carefully studied the Bidding Documents, other related data identified in the Bidding Documents, and the following Addenda, receipt of all which is hereby acknowledged the following Addenda:

Addendum No.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Addendum Date

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress, and performance of the Work.

D. Bidder has carefully studied all (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which have been identified in the Special Provisions, and (2) reports and drawings of a Hazard Environmental Condition, if any, which has been identified in the Special Provisions.

E. Bidder has obtained and carefully studied (or assumes responsibility for having done so) all additional or supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents to be employed by Bidder, and safety precautions and programs incident thereto.

F. Bidder does not consider that any further examinations, investigations, explorations, tests, studies or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding Documents.

G. Bidder is aware of the general nature of the Work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.

H. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies and data with the Bidding Documents.

I. Bidder has given ENGINEER written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by ENGINEER is acceptable to Bidder.

J. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.

**4.01** Bidder further represents that this Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and 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 other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any person, firm or corporation to refrain from bidding; and Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over OWNER.

The BIDDER certifies that no official of the OWNER, ENGINEER, or any member of such officials' immediate family, has direct or indirect interest in the pecuniary profits or Contracts of the BIDDER.

**5.01** The Bidder will complete the Work in accordance with the Contract Documents for the following prices(s):

**UNIT BID SCHEDULE**

<b><u>ITEM NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>ESTIMATED QUANTITY</u></b>	<b><u>UNIT</u></b>	<b><u>UNIT PRICE</u></b>	<b><u>TOTAL PRICE</u></b>
101.	Mobilization – 5% Max	1	L.S.	_____	_____
102.	Traffic Control	1	L.S.	_____	_____
103.	Temporary Water (Includes Cut-In Gate Valves)	1	L.S.	_____	_____
104.	6" & 8" Water Main C-900 DR14 PVC Pipe	1,000	L.F.	_____	_____
105.	12" Water Main C-900 DR14 PVC Pipe	2,620	L.F.	_____	_____
106.	Connection to Existing 8" & 12" Water Main	13	Ea.	_____	_____
107.	8" Gate Valve with Box	4	Ea.	_____	_____
108.	12" Gate Valve with Box	14	Ea.	_____	_____
109.	Fire Hydrant New or Replacement (Includes hydrant tee and auxiliary Valve with box) - 7' Bury	4	Ea.	_____	_____
110.	Ductile Iron Water Main Fittings (C153 Weight)	700	Lb.	_____	_____
111.	3/4" or 1" Water Service Connection to Main	28	Ea.	_____	_____
112.	3/4" or 1" Type "K" Copper Service Line Pipe	280	L.F.	_____	_____
113.	3/4" or 1" Curb Stop with Box	28	Ea.	_____	_____
114.	1.5" or 2" Water Service Connection to Main	4	Ea.	_____	_____

### UNIT BID SCHEDULE

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
115.	1.5" or 2" Type "K" Copper Service Line Pipe	40	L.F.	_____	_____
116.	1.5" or 2" Curb Stop with Box	4	Ea.	_____	_____
117.	Type II Bedding	200	C.Y.	_____	_____
118.	Imported Backfill Material	3,300	C.Y.	_____	_____
119.	Miscellaneous Utility Crossings	1	L.S.	_____	_____
120.	Base Course, 1 ½" Minus, 12" Depth	2,600	S.Y.	_____	_____
121.	4" A.C. Pavement Replacement	4,300	S.Y.	_____	_____
122.	4" Concrete Sidewalk	300	S.F.	_____	_____
123.	Concrete Curb & Gutter Replacement – Integral & Straight	100	L.F.	_____	_____
124.	Sod	300	S.F.	_____	_____
125.	Landscape Restoration and Mailbox Protection	1	L.S.	_____	_____
126.	6" Reinforced Concrete	100	S.F.	_____	_____
127.	Miscellaneous Water Main Replacement Work	100,000	Unit	<u>\$1.00</u>	<u>\$100,000</u>

TOTAL AMOUNT BID PRICE, ITEMS 101–127 \$\_\_\_\_\_ (Figures)

TOTAL AMOUNT BID, ITEMS 101-127 \_\_\_\_\_

(Words)



A. Unit Prices have been computed in accordance with the Instructions to Bidders.

B. Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities provided, determined as provided in the Contract Documents.

C. The undersigned agrees that the unit prices shall govern in checking the Bid, and should a discrepancy exist in the Total Estimated Price and Total Amount of Unit Prices Bid as listed above after extensions are checked and corrections made, if any, the Total Amount of Unit Prices Bid as corrected shall be used in awarding this Contract.

D. The OWNER reserves the right to reject any or all bids.

**6.01** Bidder agrees that the Work will be completed and ready for final payment in accordance with the Construction Agreement or before the dates or within the number of calendar days indicated in the Agreement.

**6.02** Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the times specified above, which shall be stated in the Agreement.

**7.01** The following documents are attached to and made a condition of the Bid:

A. Required Bid security in the amount of 10% of the maximum Bid price including alternates, if any, and in the form of a Bid Bond identified in the Instructions To Bidders.

**8.01** The terms used in this Bid with the initial capital letters have the meanings indicated in the Instructions To Bidders.

SUBMITTED on \_\_\_\_\_,  
(Date)

Montana Contractor's Registration # (if any) \_\_\_\_\_.

Employer's Tax ID No. \_\_\_\_\_.

**If BIDDER is:**

**An Individual:** \_\_\_\_\_  
(Name typed or printed)

By: \_\_\_\_\_  
(Individual's Signature)

Doing business as: \_\_\_\_\_

Business Address: \_\_\_\_\_

Phone No.: \_\_\_\_\_ FAX No.: \_\_\_\_\_

**A Partnership:** \_\_\_\_\_  
(Partnership Name)

By: \_\_\_\_\_  
(Name, typed or printed)

(Signature) \_\_\_\_\_

Business Address: \_\_\_\_\_

Phone No.: \_\_\_\_\_ FAX No.: \_\_\_\_\_

**A Corporation:** \_\_\_\_\_  
(Corporation Name)

State of Incorporation: \_\_\_\_\_

Type (General Business, Professional, Service, Limited Liability): \_\_\_\_\_

By: \_\_\_\_\_  
(Signature of person authorized to sign)

Title: \_\_\_\_\_

Attest: \_\_\_\_\_  
(Signature)

Business Address: \_\_\_\_\_  
\_\_\_\_\_

Phone No.: \_\_\_\_\_ FAX No.: \_\_\_\_\_

Date of Qualification To Do Business Is: \_\_\_\_\_

\_\_\_\_\_  
(Corporate Seal)

**A Joint Venture:** Each Joint Venture Must Sign

Joint Venture Name: \_\_\_\_\_  
(Name)

By: \_\_\_\_\_  
(Signature of Joint Venture Partner)

Name: \_\_\_\_\_  
(Name, printed or typed)

Title: \_\_\_\_\_

Business Address: \_\_\_\_\_  
\_\_\_\_\_

Phone No.: \_\_\_\_\_ FAX No.: \_\_\_\_\_

Joint Venture Name: \_\_\_\_\_  
(Name)

By: \_\_\_\_\_  
(Signature of Joint Venture Partner)

Name: \_\_\_\_\_  
(Name, printed or typed)

Title: \_\_\_\_\_

Business Address: \_\_\_\_\_  
\_\_\_\_\_

Phone No.: \_\_\_\_\_ FAX No.: \_\_\_\_\_

Address of Joint Venture for Receipt of Official Communication:

Address: \_\_\_\_\_  
\_\_\_\_\_

Phone No.: \_\_\_\_\_ FAX No.: \_\_\_\_\_

(Each Joint Venture must sign. The manner of signing for each individual, partnership and corporation that is a party to the joint venture should be in the manner indicated above.)

**END OF SECTION 0030**



## MEASUREMENT AND PAYMENT

The Measurement and Payment section of this document and Special Provision SP-18, Incidental Work Items, supersede PART 4 MEASUREMENT AND PAYMENT contained in each MPWSS specification section.

SCOPE: The following description of work, measurement of pay quantity, and method of payment shall govern payment to Contractor under this Contract. Payment for these items shall be full compensation for the completed item of work furnished and installed, and the cost of any incidental work or materials required to complete the item. No additional payment will be made for materials purchased and not installed as a result of field adjustments in field quantities versus Bid Form.

### BID ITEM

### DESCRIPTION

101. **Mobilization 5%:** Measurement and Payment shall be made at the contract **Lump Sum** price for "Mobilization". Payment will be made at 50% of the contract unit **Lump Sum** price at the beginning the remaining 50% will be paid at the end of the project. Payment for this item shall include all costs related to general contract requirements, administration, and overhead and shall be merged and included in the contract lump sum price for "Mobilization". The cost of all bonds, insurance, permits, licenses, safety, fees, royalties and taxes; purchasing permits and licenses, temporary electric and telephone service, utility location, shop drawings and samples, general administration and overhead, movement of equipment, tools, and workmen, as necessary, and other incidental work required for occupying the site and performing the work shall be merged and included in the contract lump sum price for "Mobilization". The contract price for "Mobilization" shall not exceed five (5) percent of the total bid and shall not include any anticipated profit. Anticipated profit shall be distributed proportionately among the various contract bid items. Any bids that contain a lump sum price for mobilization greater than five percent of the bid shall be reduced in price to the five percent limit without adding costs to other bid items or rejected at the option of the Owner.
102. **Traffic Control:** Measurement and Payment shall be made at the contract **Lump Sum** price for Traffic Control. Payment will be made at the contract unit **Lump Sum** price at the end of the project. Traffic control shall be performed in accordance with the latest edition of the Manual of Uniform Traffic Control Devices (MUTCD). Item includes the following work scope: developing and implementing a City and Montana Department of Transportation approved plan to direct traffic, and pedestrians safely through and/or around the construction site; all the labor, equipment, and materials necessary to implement the plan; Continual monitoring and maintaining of traffic control devices; installing and removing signs, flagmen, channelization devices, and illumination devices as necessary; and all other work necessary for completion of the item.

103. **Temporary Water:** Measurement shall be made at the contract **Lump Sum** price for Temporary Water. Payment will be made at the contract unit **Lump Sum** price and includes all costs for labor, materials, and equipment for the following: supplying temporary water to all affected residents; furnishing and installing temporary water service piping, fittings and appurtenances; water main joint restraints and/or "cut-in" gate valves; coordination with the City; furnishing of backflow prevention; connections to existing fire hydrants; service connections at existing businesses and residences; notification and coordination with businesses and residents; site preparation; maintaining temporary service during use period; removing temporary system after work is complete; disinfecting and testing of temporary water system as required; and all other incidental work necessary to complete the item.
104. **6" and 8" C-900 DR 14 PVC Water Main:** Measurement is made in **Lineal Feet** installed. Payment will be made at the contract unit price per **Lineal Foot** in place which includes saw cutting, removal and disposal of asphalt, curb and gutter, concrete, and sidewalk/driveway; trench excavation and disposal; furnishing, placing, and Type 1 pipe bedding (see Standard Drawing No. 5-31 for limits); furnishing and installing pipe; select backfill and compaction; flushing; pressure and leak testing; disinfection; de-chlorination; bacteriological testing; and all other work necessary for completion of the item. Import material will be measured and paid under **Bid Item No. 118** Import Backfill Material.
105. **12" C-900 DR 14 PVC Water Main:** Measurement is made in **Lineal Feet** installed. Payment will be made at the contract unit price per **Lineal Foot** in place which includes saw cutting, removal and disposal of asphalt, curb and gutter, concrete, and sidewalk/driveway; trench excavation and disposal; furnishing, placing, and Type 1 pipe bedding (see Standard Drawing No. 5-31 for limits); furnishing and installing pipe; select backfill and compaction; flushing; pressure and leak testing; disinfection; de-chlorination; bacteriological testing; and all other work necessary for completion of the item. Import material will be measured and paid under **Bid Item No. 118** Import Backfill Material.
106. **Connection to Existing 8 and 12" Water Main:** Measurement is per **Each** connection made. Payment will be made at the contract unit price per **Each** which includes verifying pipe type and outside diameter; cleaning and cutting existing pipe; furnishing and installation of long body coupling/solid sleeve; connection to existing water main; type #1 wax tape system; polyethylene encasements; salvage and delivery of removed gate valve, where applicable, to City Public Works Department yard; and all other work necessary for completion of the item.
107. **8" Gate Valve with Box:** Measurement is made per **Each** installed. Payment will be made at the contract unit price per **Each** which includes furnishing and installing approved gate valve; valve box (additional extensions as necessary) with cover; support block; type #1 wax tape system; polyethylene encasement; and all other work necessary for completion of the item.
108. **12" Gate Valve with Box:** Measurement is made per **Each** installed. Payment will be made at the contract unit price per **Each** which includes furnishing and installing approved gate valve; valve box (additional extensions as necessary) with cover; support block; type

#1 wax tape system; polyethylene encasement; and all other work necessary for completion of the item.

109. **Fire Hydrant New or Replacement – 7' Bury:** Measurement is made per **Each** installed. Payment will be made at the contract unit price per **Each** which includes saw cutting and removal of pavement, concrete curb and gutter and sidewalk; trench excavation and disposal; furnishing and installing hydrant; hydrant tee (PO x FL); auxiliary valve (FL x PO); support blocks; valve box and cover; type #1 wax-tape system; polyethylene encasement; thrust blocking and drain gravel and separation fabric/ polyethylene; pipe bedding, backfill and required compaction; furnishing and placing top soil and sod where grass is displaced; irrigation system repairs/adjustments; salvage and delivery of removed undamaged hydrant to City Public Works Department yard; and all other work necessary for completion of the item.
110. **Ductile Iron Water Main Fittings:** Measurement is made per **Pound** installed. Payment will be made at the contract unit price per **Pound** which includes furnishing and installing approved fittings; thrust blocks; type #1 wax-tape system; polyethylene encasement; and all other work necessary for completion of the item. Measurement and payment will be based on weights for AWWA C-153 compact push-on fittings (preferred) or AWWA C-153 mechanical joint fittings (follower glands and bolts excluded) from approved manufacture submittals.
111. **¾" or 1" Water Service Connection To Main:** Measurement is made per **Each** connection. Payment will be made at the contract unit price per **Each** which includes furnishing and installing the approved and appropriate size service saddle and corporation stop; furnishing and installing up to 5 lineal feet of the appropriate size Type "K" copper pipe; all fittings and work necessary to make the connection to the service line; and all other work necessary for completion of the item.
112. **¾" or 1" Type "K" Copper Service Line:** Measurement is made per **Lineal Foot** of pipe installed. Payment will be made at the contract unit price per **Lineal Foot** (first 5 lineal feet is paid for under the connection, **Bid Item 111**); saw cutting, removal and disposal of asphalt, concrete, and curb and gutter; trench excavation and disposal or mole/boring; furnishing and installation of the appropriate size Type "K" copper pipe; sand bedding; irrigation system repairs/adjustments; and all other work necessary to complete the item.
113. **¾" or 1" Curb Stop With Box:** Measurement is made per **Each** installed. Payment will be made at the contract unit price per **Each** which includes saw cutting, removal and disposal of asphalt, concrete, and curb and gutter; excavation and backfill; furnishing and installing the approved and appropriate size curb stop; support block; curb box; all fittings, pipe, and work necessary to make the connection to the service line; irrigation system repairs/adjustments; top soil and sod; and all other work necessary to complete the item.
114. **1.5" or 2" Water Service Connection To Main:** Measurement is made per **Each** connection. Payment will be made at the contract unit price per **Each** which includes furnishing and installing the approved and appropriate size service saddle and corporation stop; furnishing and installing up to 5 lineal feet of the appropriate size Type "K" copper

pipe; all fittings and work necessary to make the connection to the service line; and all other work necessary for completion of the item.

115. **1.5" or 2" Type "K" Copper Service Line:** Measurement is made per **Lineal Foot** of pipe installed. Payment will be made at the contract unit price per **Lineal Foot** (first 5 lineal feet is paid for under the connection, **Bid Item 114**); saw cutting, removal and disposal of asphalt, concrete, and curb and gutter; trench excavation and disposal or mole/boring; furnishing and installation of the appropriate size Type "K" copper pipe; sand bedding; irrigation system repairs/adjustments; and all other work necessary to complete the item.
116. **1.5" or 2" Curb Stop With Box:** Measurement is made per **Each** installed. Payment will be made at the contract unit price per **Each** which includes saw cutting, removal and disposal of asphalt, concrete, and curb and gutter; excavation and backfill; furnishing and installing the approved and appropriate size curb stop; support block; curb box; all fittings, pipe, and work necessary to make the connection to the service line; irrigation system repairs/adjustments; top soil and sod; and all other work necessary to complete the item.
117. **Type II Bedding:** Measurement is made per **Cubic Yard** installed. Payment will be made at the contract unit price per **Cubic Yard** compacted in place which includes additional excavation and disposal; furnishing, placing, and compacting of approved bedding material; and removal and disposal of unusable material; maximum pay width shall be 6 feet (3 feet either side centerline of pipe); and all other work necessary to complete the item.
118. **Imported Backfill Material:** Measurement is made per **Cubic Yard** installed. Payment will be made at the contract unit price per **Cubic Yard** compacted in place which includes removal and disposal of unusable excavated material; furnishing, placing, and compacting of suitable import backfill material; maximum pay width shall be 6 feet (3 feet either side centerline of pipe); and all other work necessary to complete the item.
119. **Miscellaneous Utility Crossings:** Measurement and Payment shall be made at the contract **Lump Sum** price for Miscellaneous Utility Crossing. Payment will be made at the contract unit **Lump Sum** price and shall include the following items: all labor, equipment, tools, shoring to protect/support existing utilities at crossings or parallel construction; clean up and all other work necessary to complete the item. This bid item includes but is not limited to gas, water, repairs to sanitary sewer (main/services), storm sewer (main/services) cable, electrical and communication utilities.
120. **Base Course, 1½" Minus, 12" Depth:** Measurement is made by the **Square Yard** in place. Payment will be made at the contract unit price per **Square Yard** which includes excavation and disposal; furnishing, placing and compacting 12-inch compacted thickness of 1½" minus crushed gravel base course; and all other work necessary to complete the item. The maximum base course replacement pay width is 6 feet measured as an average of the base course trench width for the entire project where the road section is to be restored due to trenching activities.
121. **4" A.C. Pavement Replacement:** Measurement is made by the **Square Yard** in place. Payment will be made at the contract unit price per **Square Yard** which includes saw



cutting/milling prior to paving; removal and disposal of asphalt; fine grading and compaction of existing subbase and base course outside trench; tack coat; furnishing, placing and compacting 4" of asphaltic concrete in two equal lifts; and all other work necessary to complete the item. The maximum A.C. pavement replacement pay width for water main installation is 10.5 feet (measured from the lip of curb or face of curb) measured as an average of the A.C. pavement trench width along the main for each city block. The maximum A.C. pavement replacement pay width for water service line installation is 6 feet measured as an average of the A.C. pavement trench width for water service lines for each city block.

122. **4" Concrete Sidewalk:** Measurement is made by the Square Foot replaced. Payment will be made at the contract unit price per Square Foot which includes saw cutting; removal and disposal of all existing sidewalk materials; excavation; grading and compacting subgrade; backfill; furnishing, placing, and compacting 3" thickness of 1½" minus crushed base course; furnishing, placing, finishing, and curing of 4" thick concrete sidewalk; and all other work necessary for completion of the item.
123. **Concrete Curb & Gutter Replacement:** Measurement is made by the Lineal Foot replaced. Payment will be made at the contract unit price per Lineal Foot which includes saw cutting; removal and disposal of all existing curb and gutter materials; excavation; compacting subgrade; backfill; furnishing, placing, and compacting 10" thickness of 1½" minus crushed base course; doweling into existing concrete; furnishing, placing, finishing, and curing of the concrete curb or curb and gutter; top soil placement, grading, and sodding (a minimum 24" behind new concrete); repairs/adjustments to irrigation systems; and all other work necessary for completion of the item. Note: If existing curb and gutter is removed, City to pay up to five (5) lineal feet of curb and gutter for each water service.
124. **Sod:** Measurement shall be made by the Square Foot in-place. Payment will be made at the contract unit price per Square Foot which includes topsoil salvage and/or importing, grading to blend existing and new ground profile; furnish new sod; rolling; fertilizing and watering sod for 14 consecutive days after installation; repairing damaged irrigation systems; and all other work necessary for completion of the item.
125. **Landscape Restoration and Mailbox Protection:** Measurement is made by the Lump Sum. Payment will be made at the contract Lump Sum price which includes all costs for labor, materials, and equipment for the following: excavation and soil preparation; removing and protecting items including mailboxes, landscape rock, mulches, and other ground covers; separation fabrics; placement of temporary mailboxes; and any other item present in the field associated with landscape activities; and all other incidental items necessary to complete the work.
126. **6" Reinforced Concrete:** Measurement shall be made by the Square Foot in-place. Payment will be made at the contract unit price per Square Foot which includes saw cutting, removal and disposal of all existing concrete materials, and excavation and disposal of excess material; compacting subgrade; backfill; furnishing, placing, and compacting 10-inches of 1½-inch minus crushed base course; furnishing and placing #4 reinforcement bar, including support chairs; doweling into existing concrete; furnishing,

**BID ITEM****DESCRIPTION**

placing, finishing, and curing of 6-inch thick concrete; pre-molded mastic for expansion joints; contraction joints; backfilling behind sidewalk where necessary; readjusting valve lids where necessary; forming and placing barrier wall behind handicamp ramps; cleanup; and all other work necessary for completion of the item.

127. **Miscellaneous Water Main Replacement Work:** Measurement shall be made at **\$1.00/Unit** of miscellaneous work. Payment will be made at the contract unit price of **\$1.00/Unit** and includes furnishing of all labor, materials and equipment to complete miscellaneous work not provided by work items in the unit bid proposal. The number of units for a particular work item shall be by an agreed upon price or force account basis as deemed necessary and only as directed by the City.

END OF SECTION