ADDENDUM NO. 1

March 6, 2020

Owner: City of Stillwater
Project Name: Perkins Road Waterline Relocation
Stillwater Bid No. 07 19/20
Plummer Project No. 1775-003-01

This Addendum is a part of the Contract and clarifies, corrects or modifies original Bid Documents, dated February 12, 2020. Acknowledge receipt of this addendum in the space provided on this form and include with your Bid Documents; failure to do so may subject bidder to disqualification.

A. Clarifications:

1. The announcement at the Pre-Bid Conference regarding the application of a local vendor preference to this project is hereby withdrawn.

2. Tapping Sleeves will not be allowed for connection to the existing waterlines. Contractor shall be responsible to connect to the existing waterlines in accordance with the Project Drawings and City of Stillwater Construction Standards and Details.

3. Fusible PVC (FPVC) is being removed from the Base Bid. The plan sheets have been updated to show Bell and Spigot PVC Pipe with Bell Joint Restraints and increased casing sizes in the locations where FPVC was show previously. The Contractor may at his option, submit Integally Restrained Bell and Spigot C-900 Pipe, Fusible PVC Pipe or Fusible HDPE Pipe with the appropriate decrease in casing sizes for installation. All items submitted shall conform to the City of Stillwater Construction Standards and Details. Any Alternate to the Base Bid represented in the Plans and Specification shall be at no additional cost to the City of Stillwater.

4. The Shoring Bid Item has been removed from the Bid Form and the Measurements and Payments Section of the Project Manual. Please disregard this line item in the Quantity Takeoffs on each plan sheet. The cost of any necessary shoring shall be included in the linear foot bid price for the associated boring.

B. Specifications Revisions:

1. Table of Contents:

2. Agreement:
   a. Refer to Article 1 – WORK, 1.01.1 and delete “a.” and replace with the following:
      “a. Construction of the following PVC waterlines by open cut and trenchless installation (All lengths are approximate):
      i. Pipeline 1 – 63 LF (12-inch)
ii. Pipeline 2 – 20 LF (8-inch) and 570 LF (12-inch)
iii. Pipeline 3 – 20 LF (6-inch) and 220 LF (12-inch)
iv. Pipeline 4 – 30 LF (12-inch) and 120 LF (6-inch)
v. Pipeline 6A – 20 LF (6-inch) and 140 LF (12-inch)
vi. Pipeline 6B – 20 LF (6-inch) and 266 LF (12-inch)
vii. Pipeline 7 – 234 LF (6-inch)
viii. Pipeline 8 – 140 LF (8-inch) and 30 LF (12-inch)
ix. Pipeline 10 – 190 LF (8-inch) and 30 LF (12-inch)
x. Pipeline 11 – 568 LF (12-inch)
xi. Pipeline 12 – 467 LF (12-inch)
xii. Pipeline 13 – 20 LF (10-inch) and 263 LF (12-inch)

b. Delete Article 1 – Work, 1.01.3.a in its entirety

3. Special Provisions:
   a. Refer to Page E-1, Section 1, Table 100-A and add the following row below “Final Completion”:

   | Line 7 | June 8 through June 26, 2020 for installation of the 6-inch waterline between approx. Sta 11+80 and End Sta. 12+34.14 including all necessary connections, pressure testing, disinfection, flushing and restoration of the parking lot and the sidewalk | $500 per calendar day beginning June 27, 2020 |

   b. Refer to Page E-6, Section 9 and add the following:
      “n. The Contractor shall perform tie-ins during after business hours or during nighttime at no additional cost to the City.”

c. Refer to Page E-7, Section 10 and delete 10.b in its entirety.

d. Refer to Page E-11 and add the following:
   “Section 22. Preconstruction Submittals
   Within 10 days of the date of Contract execution by the City, the following Contractor submittals are due to the Owner:
   a. Submittals Registry
   b. Schedule of Values
   c. Critical Path Schedule
   d. SWPPP
   e. Water Line Tie-In Plan
   f. Pre-Construction Video &/or photos
   g. Traffic Control Plan”

4. Section 01002, Measurement and Payment:
5. **Section 013J Bid Form:**

**C. Plan Revisions:**

1. **G-001**
   a. Delete the PIPING SCHEDULE and replace with the following:

   **PIPING SCHEDULE**

<table>
<thead>
<tr>
<th>SERVICE</th>
<th>PIPE SIZE (I.D.)</th>
<th>PIPE MATERIAL</th>
<th>PIPE CLASS</th>
<th>WORKING PRESSURE (PSI)</th>
<th>TEST PRESSURE (PSI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER</td>
<td>6”</td>
<td>C900 PVC</td>
<td>DR 18 CLASS 235</td>
<td>100</td>
<td>150</td>
</tr>
<tr>
<td>WATER</td>
<td>8”</td>
<td>C900 PVC</td>
<td>DR 18 CLASS 235</td>
<td>100</td>
<td>150</td>
</tr>
<tr>
<td>WATER</td>
<td>10”</td>
<td>C900 PVC</td>
<td>DR 18 CLASS 235</td>
<td>100</td>
<td>150</td>
</tr>
<tr>
<td>WATER</td>
<td>12”</td>
<td>C900 PVC</td>
<td>DR 18 CLASS 235</td>
<td>100</td>
<td>150</td>
</tr>
<tr>
<td>CASING PIPE*</td>
<td>14”</td>
<td>STEEL</td>
<td>3/8&quot; THICKNESS</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>CASING PIPE*</td>
<td>16”</td>
<td>STEEL</td>
<td>3/8&quot; THICKNESS</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>CASING PIPE*</td>
<td>24”</td>
<td>STEEL</td>
<td>3/8&quot; THICKNESS</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*CASING SIZE IS BASED ON UTILIZATION OF BELL AND SPIGOT C900 PVC PIPE WITH BELL JOINT RESTRAINTS. CONTRACTOR MAY AT HIS OPTION, UTILIZE INTEGRALLY RESTRANDED BELL AND SPIGOT C900 PVC PIPE, FUSIBLE PVC PIPE OR HDPE PIPE IN ACCORDANCE WITH CITY OF STILLWATER CONSTRUCTION STANDARDS AND DETAILS. CONTRACTOR MAY REDUCE CASING SIZE AS APPROPRIATE FOR THESE OPTIONS. CASING SPACERS ARE REQUIRED REGARDLESS OF THE JOINT TYPE OR PIPE MATERIAL CHOSEN FOR BORES.

2. **G-002**
   a. Delete GENERAL NOTE A4 in its entirety and replace with the following: "ALL TESTING SHALL BE THE RESPONSIBILITY OF THE OWNER. OWNER SHALL PROVIDE ALL MATERIALS AND EQUIPMENT NECESSARY TO CONDUCT THE TESTS."

3. **G-003**
   a. Delete GENERAL NOTE H14 in its entirety and renumber the remaining Notes for Section H.
   
   b. Delete GENERAL NOTE J12 in its entirety and replace with the following: "CONTRACTOR’S CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO REGULAR WORKING HOURS, MONDAY – FRIDAY 8:00 AM TO 5:00 PM, CENTRAL TIME, UNLESS OTHERWISE APPROVED BY THE OWNER."
   
   c. Delete GENERAL NOTE J17 in its entirety and renumber the remaining Notes for Section J.
   
   d. Delete GENERAL NOTE K1 in its entirety and replace with the following: "ALL PAVING MATERIALS AND CONSTRUCTION SHALL MEET CITY OF STILLWATER CONSTRUCTION STANDARDS AND DETAILS."
4. **C-002**
   a. Delete NOTE 7 in its entirety.
   b. Refer to the QUANTITY TAKEOFF Table and delete ITEM NO. 10, SERVICE CONNECTION – SHORT. Renumber the remaining ITEM NO’s.

5. **C-003**
   a. Refer to the Plan View and remove the extra callout stating: “REMOVE AND REPLACE APPROX 110 SY OF CONCRETE PAVING PER CITY STANDARDS”

6. **C-004**
   a. Refer to the callout pointing to the steel casing in the Plan View at approximate Station 10+50 and delete the wording “18” STEEL CASING” from the callout and replace with “24” STEEL CASING”.
   b. Delete all references to “FPVC” in the Plan View, Profile View, Notes and Quantity Takeoff Table and replace with “PVC” in each instance.
   c. Refer to the QUANTITY TAKEOFF Table, ITEM NO. 3 and delete the Description in its entirety and replace with the following: “12” RJ C900 DR18 PVC WITH 24” STEEL CASING BY BORE”.
   d. Refer to the QUANTITY TAKEOFF Table, ITEM NO. 9 and delete the first word “SHORT” from the Description.
   e. Refer to NOTES BY SYMBOL and delete NOTE 2 in its entirety and replace with the following: “RELOCATE EX. WATER METER AND RADIO IN ACCORDANCE WITH CITY STANDARDS. CONNECT TO NEW WATERLINE AS SHOWN AND RECONNECT EX. CUSTOMER SERVICE.”

7. **C-006**
   a. Refer to the callout pointing to the steel casing in the Plan View at approximate Station 10+50 and delete the wording “12” STEEL CASING” from the callout and replace with “14” STEEL CASING”.
   b. Delete all references to “FPVC” in the Plan View, Profile View, Notes and Quantity Takeoff Table and replace with “PVC” in each instance.
   c. Refer to the QUANTITY TAKEOFF Table, ITEM NO. 3 and delete the Description in its entirety and replace with the following: “6” RJ C900 DR18 PVC WITH 14” STEEL CASING BY BORE”.

8. **C-008**
   a. Refer to NOTES BY SYMBOL and delete NOTE 3 in its entirety.
   b. Refer to the QUANTITY TAKEOFF Table and delete ITEM NO. 7, SERVICE CONNECTION – SHORT. Renumber the remaining ITEM NO’s.
   c. Delete NOTE BY SYMBOL 3 and the associated leader from the Plan View.
9. C-011
   a. Refer to the callout pointing to the steel casing in the Plan View at approximate Station 10+82 and delete the wording “12” STEEL CASING” from the callout and replace with “14” STEEL CASING”.

   b. Delete all references to “FPVC” in the Plan View, Profile View, Notes and Quantity Takeoff Table and replace with “PVC” in each instance.

   c. Refer to the QUANTITY TAKEOFF Table, ITEM NO. 2 and delete the Description in its entirety and replace with the following: “6” RJ C900 DR18 PVC WITH 14” STEEL CASING BY BORE”.

   d. Add NOTE 7 to the “NOTES” in the Plan View:
      “7. CONTRACTOR SHALL INSTALL THE PORTION OF LINE 7 LOCATED EAST OF THE EAST PERKINS ROAD ROW (APPROX. STA. 11+80) TO THE FIRE HYDRANT (END STA. 12+34.14) BETWEEN JUNE 8 AND JUNE 26, 2020. THIS INCLUDES ALL NECESSARY CONNECTIONS, PRESSURE TESTING, DISINFECTION FLUSHING, RESTORATION OF THE PARKING LOT AND SIDEWALK. LIQUIDATED DAMAGES FOR THIS LINE WILL BE $500 PER DAY BEGINNING ON JUNE 27, 2020.”

10. C-012
   a. Refer to the third line in the callout at Station 10+00.00 in the Plan View and delete the wording “INSTALL 12”X6” DIP MJ TEE” and replace with “INSTALL 12”X8” DIP MJ TEE”.

   b. Refer to the callout pointing to the steel casing in the Plan View at approximate Station 10+50 and delete the wording “14” STEEL CASING” from the callout and replace with “16” STEEL CASING”.

   c. Delete all references to “FPVC” in the Plan View, Profile View, Notes and Quantity Takeoff Table and replace with “PVC” in each instance.

   d. Refer to the QUANTITY TAKEOFF Table, ITEM NO. 3 and delete the Description in its entirety and replace with the following: “8” RJ C900 DR18 PVC WITH 16” STEEL CASING BY BORE”.

   e. Refer to the QUANTITY TAKEOFF Table and delete ITEM NO. 8, SERVICE CONNECTION – SHORT. Renumber the remaining ITEM NO’s.

   f. Refer to the QUANTITY TAKEOFF Table, ITEM NO. 9 and delete the acronym “ACP” and replace with “PVC”.

   g. Refer to the QUANTITY TAKEOFF Table, ITEM NO. 10 and delete the acronym “PVC” and replace with “ACP”
11. C-014
   a. Refer to the callout pointing to the steel casing in the Plan View at approximate Station 10+60 and delete the wording “14” STEEL CASING” from the callout and replace with “16” STEEL CASING”.

   b. Delete all references to “FPVC” in the Plan View, Profile View, Notes and Quantity Takeoff Table and replace with “PVC” in each instance.

   c. Delete the QUANTITY TAKEOFF Table and replace with the following:

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8&quot; RJ C900 DR18 PVC BY OPEN CUT</td>
<td>110</td>
<td>LF</td>
</tr>
<tr>
<td>2</td>
<td>12&quot; RJ C900 DR18 PVC BY OPEN CUT</td>
<td>30*</td>
<td>LF</td>
</tr>
<tr>
<td>3</td>
<td>8&quot; RJ C900 DR18 PVC WITH 16&quot; STEEL CASING BY BORE</td>
<td>85</td>
<td>LF</td>
</tr>
<tr>
<td>4</td>
<td>8&quot; MJ GATE VALVE</td>
<td>2</td>
<td>EA</td>
</tr>
<tr>
<td>5</td>
<td>12&quot; MJ GATE VALVE</td>
<td>2</td>
<td>EA</td>
</tr>
<tr>
<td>6</td>
<td>8&quot; 22.5° MJ BEND</td>
<td>2</td>
<td>EA</td>
</tr>
<tr>
<td>7</td>
<td>8&quot; 90° MJ BEND</td>
<td>2</td>
<td>EA</td>
</tr>
<tr>
<td>8</td>
<td>12&quot; x 8&quot; DIP MJ TEE</td>
<td>1</td>
<td>EA</td>
</tr>
<tr>
<td>9</td>
<td>CONNECTION TO EXISTING 8&quot; ACP WL</td>
<td>1</td>
<td>EA</td>
</tr>
<tr>
<td>10</td>
<td>CONNECTION TO EXISTING 12&quot; ACP WL</td>
<td>2</td>
<td>EA</td>
</tr>
<tr>
<td>11</td>
<td>PLUG AND ABANDON EXISTING 8&quot; ACP WL</td>
<td>2</td>
<td>SY</td>
</tr>
<tr>
<td>12</td>
<td>REMOVE AND REPLACE CONCRETE SIDEWALK</td>
<td>30</td>
<td>SY</td>
</tr>
<tr>
<td>13</td>
<td>SLAB SODDING</td>
<td>200</td>
<td>SY</td>
</tr>
</tbody>
</table>

*QUANTITIES INCLUDE ADDITIONAL PIPE LENGTHS AS SHOWN IN THE PLAN VIEW WHICH ARE NOT INCLUDED IN THE PROFILE QUANTITIES
12. C-015
   a. Refer to the callout pointing to the steel casing in the Plan View at approximate station 12+06 and delete the wording “18” STEEL CASING” from the callout and replace with “24” STEEL CASING”.
   b. Delete all references to “FPVC” in the Plan View, Profile View, Notes and Quantity Takeoff Table and replace with “PVC” in each instance.
   c. Delete the QUANTITY TAKEOFF Table and replace with the following:

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>12” C900 DR18 PVC BY OPEN CUT</td>
<td>31</td>
<td>LF</td>
</tr>
<tr>
<td>2</td>
<td>12” RJ C900 DR18 PVC BY OPEN CUT</td>
<td>253</td>
<td>LF</td>
</tr>
<tr>
<td>3</td>
<td>12” RJ C900 DR18 PVC WITH 24” STEEL CASING BY BORE</td>
<td>245</td>
<td>LF</td>
</tr>
<tr>
<td>4</td>
<td>SHORING</td>
<td>120</td>
<td>SF</td>
</tr>
<tr>
<td>5</td>
<td>12” MJ GATE VALVE</td>
<td>4</td>
<td>EA</td>
</tr>
<tr>
<td>6</td>
<td>12” 22.5° MJ BEND</td>
<td>4</td>
<td>EA</td>
</tr>
<tr>
<td>7</td>
<td>12” 45° MJ BEND</td>
<td>2</td>
<td>EA</td>
</tr>
<tr>
<td>8</td>
<td>12” x 12” DIP MJ TEE</td>
<td>2</td>
<td>EA</td>
</tr>
<tr>
<td>9</td>
<td>CONNECTION TO EXISTING 12” ACP WL</td>
<td>2</td>
<td>EA</td>
</tr>
<tr>
<td>10</td>
<td>PLUG AND ABANDON EXISTING 12” ACP WL</td>
<td>3</td>
<td>EA</td>
</tr>
<tr>
<td>11</td>
<td>PLUG AND ABANDON EXISTING 12” CI WL</td>
<td>2</td>
<td>EA</td>
</tr>
<tr>
<td>12</td>
<td>REMOVE AND REPLACE CONCRETE SIDEWALK</td>
<td>180</td>
<td>SY</td>
</tr>
<tr>
<td>13</td>
<td>SLAB SODDING</td>
<td>430</td>
<td>SY</td>
</tr>
</tbody>
</table>

13. C-016
   a. Refer to the callout pointing to the steel casing in the Plan View at approximate station 15+47 and delete the wording “18” STEEL CASING” from the callout and replace with “24” STEEL CASING”.
   b. Delete all references to “FPVC” in the Plan View, Profile View, Notes and Quantity Takeoff Table and replace with “PVC” in each instance.

14. C-017
   a. Delete Sheet C-017 in its entirety and replace with Attachment 3, Sheet C-017 dated March 6, 2020.

15. C-018
   a. Refer to the QUANTITY TAKEOFF Table and add ITEM NO. 7, SERVICE CONNECTION – SHORT (1”), QUANTITY 1, UNIT EA. Renumber the remaining ITEM NO’s.
16. C-900
   a. Refer to STANDARD DETAIL NO. 4 “1 – TIE-IN NEW PVC PIPE TO EXISTING CIP, DIP OR ACP”.
   i. Delete the following note “REMOVE BELL AND CONNECT NEW PIPE TO OLD WITH JCM TRANSITION COUPLING AND RESTRAINER ASSEMBLY” and replace with “REMOVE BELL AND CONNECT NEW PIPE TO OLD WITH TRANSITION COUPLING”.

Attachments:
- Attachment (1) – Measurement and Payment
- Attachment (2) – Bid Form
- Attachment (3) – C-017

This addendum consists of 34 page(s)/sheet(s).

Approved by OWNER

Approved by ENGINEER/ARCHITECT

Acknowledged by BIDDER

END OF SECTION
SECTION 01002
MEASUREMENT AND PAYMENT (ADD. No. 1 – ATT. No. 1)

1.00 GENERAL

The "Bid Price" for each and every item, as set forth in the PROPOSAL, shall include the furnishing of all labor, tools, materials, machinery, appliances, and equipment appurtenant to and necessary for the construction and completion in a first class, workmanlike manner of all work as herein specified in strict accordance with these specifications and accompanying plans. The "Bid Price" shall also include any and all kinds, amount or class of excavation, backfilling, pumping, or drainage, sheeting, shoring and bracing, disposal of any and all surplus materials, protection of all overhead, surface or underground structures; removal and replacement of any poles, conduits, pipelines, appurtenances and connections, cleaning up, overhead expense, bonds, public liability and compensation and property damage insurance, patent fees, and royalties, risk due to the elements, mobilization and demobilization, and profits, unless otherwise specified.

The "Bid Price" shall also include all other incidentals not specifically mentioned above that may be required to fully construct each and every item complete in place in accordance with the true intent and meaning of the specifications and accompanying plans.

The CONTRACTOR shall take all measures necessary to protect existing structures, lawns, trees, shrubbery, etc., on the areas adjacent to the work, that are not necessary to remove or cut as a part of the construction, and if damaged, shall replace them in as good condition or better than previously existed at his own cost and expense without additional compensation from the OWNER.

Listed below are descriptions of items as listed in the Proposal and the manner in which payment shall be awarded for each. If there is not a specific measurement and/or payment section, paragraph or item associated with each Technical Specification contained in this Contract Document, then the following descriptions shall be used to describe measurement and payment.

2.00 BID ITEMS

2.01 ITEM NO. 1 – 12-INCH C900 DR18 PVC WATERLINE BY OPEN CUT (LF)

This per linear foot bid item shall include furnishing all labor, equipment, and materials necessary to install the 12-inch DR18 C900 PVC (235 psi) waterline as shown in the plans, standard details, and specifications. The cost of trench safety, excavation, dewatering, furnishing and installing embedment material, pipe and proper pipe storage, tracer wire, furnishing and installing backfill material, warning tape, compaction, flushing, thrust blocking and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.02 ITEM NO. 2 – 6-INCH RESTRAINED JOINT C900 DR18 PVC WATERLINE BY OPEN CUT (LF)

This per linear foot bid item shall include furnishing all labor, equipment, and materials necessary to install the 6-inch DR18 C900 PVC (235 psi) waterline as shown in the plans, standard details, and specifications. The cost of trench safety, excavation, dewatering, furnishing and installing embedment material, pipe and proper pipe storage, tracer wire, furnishing and installing backfill material, warning tape, compaction, flushing, thrust blocking in accordance with City Standards, required joint restraints and all other incidental items necessary for a complete and workable installation are included in this pay item.

The Contractor may at his option, utilize integrally restrained bell and spigot C900 PVC pipe, Fusible PVC pipe or HDPE pipe in accordance with City of Stillwater Construction Standards and Details. HDPE shall have the same or larger Inner Diameter as the specified PVC pipe.
2.03 ITEM NO. 3 – 8-INCH RESTRAINED JOINT C900 DR18 PVC WATERLINE BY OPEN CUT (LF)

This per linear foot bid item shall include furnishing all labor, equipment, and materials necessary to install the 8-inch DR18 C900 PVC (235 psi) waterline as shown in the plans, standard details, and specifications. The cost of trench safety, excavation, dewatering, furnishing and installing embedment material, pipe and proper pipe storage, tracer wire, furnishing and installing backfill material, warning tape, compaction, flushing, thrust blocking in accordance with City Standards, required joint restraints and all other incidental items necessary for a complete and workable installation are included in this pay item.

The Contractor may at his option, utilize integrally restrained bell and spigot C900 PVC pipe, Fusible PVC pipe or HDPE pipe in accordance with City of Stillwater Construction Standards and Details. HDPE shall have the same or larger Inner Diameter as the specified PVC pipe.

2.04 ITEM NO. 4 - 10-INCH RESTRAINED JOINT C900 DR18 PVC WATERLINE BY OPEN CUT (LF)

This per linear foot bid item shall include furnishing all labor, equipment, and materials necessary to install the 10-inch DR18 C900 PVC (235 psi) waterline as shown in the plans, standard details, and specifications. The cost of trench safety, excavation, dewatering, furnishing and installing embedment material, pipe and proper pipe storage, tracer wire, furnishing and installing backfill material, warning tape, compaction, flushing, thrust blocking in accordance with City Standards, required joint restraints and all other incidental items necessary for a complete and workable installation are included in this pay item.

The Contractor may at his option, utilize integrally restrained bell and spigot C900 PVC pipe, Fusible PVC pipe or HDPE pipe in accordance with City of Stillwater Construction Standards and Details. HDPE shall have the same or larger Inner Diameter as the specified PVC pipe.

2.05 ITEM NO. 5 - 12-INCH RESTRAINED JOINT C900 DR18 PVC WATERLINE BY OPEN CUT (LF)

This per linear foot bid item shall include furnishing all labor, equipment, and materials necessary to install the 12-inch DR18 C900 PVC (235 psi) waterline as shown in the plans, standard details, and specifications. The cost of excavation, dewatering, furnishing and installing embedment material, pipe and proper pipe storage, tracer wire, furnishing and installing backfill material, warning tape, compaction, flushing, thrust blocking in accordance with City Standards, required joint restraints and all other incidental items necessary for a complete and workable installation are included in this pay item.

The Contractor may at his option, utilize integrally restrained bell and spigot C900 PVC pipe, Fusible PVC pipe or HDPE pipe in accordance with City of Stillwater Construction Standards and Details. HDPE shall have the same or larger Inner Diameter as the specified PVC pipe.

2.06 ITEM NO. 6 – 6-INCH RESTRAINED JOINT C900 DR18 PVC WATERLINE WITH 14-INCH STEEL CASING BY BORE (LF)

This per linear foot bid item shall include furnishing all labor, equipment, and materials necessary to bore and install 14-inch steel casing with 6-inch Restrained Joint C900 DR18 PVC carrier pipe as shown in the plans, standard details, and specifications. The cost of trench safety, pit excavation, any necessary shoring to protect existing roadways or utilities, above ground and below ground utility protection and support, dewatering, boring, steel casing, pipe storage, carrier pipe restraint and installation, casing spacers, casing vents, end seals, furnishing and installing embedment, pit backfill, compaction and all other incidental items necessary for a complete and workable installation are included in this pay item.

The Contractor may at his option, utilize integrally restrained bell and spigot C900 PVC pipe, Fusible PVC pipe or HDPE pipe in accordance with City of Stillwater Construction Standards and Details. Contractor may reduce casing size as appropriate for these options. HDPE shall have the same or larger Inner Diameter as the specified PVC pipe.
2.07 ITEM NO. 7 – 8-INCH RESTRAINED JOINT C900 DR18 PVC WATERLINE WITH 16-INCH STEEL CASING BY BORE (LF)

This per linear foot bid item shall include furnishing all labor, equipment, and materials necessary to bore and install 16-inch steel casing with 8-inch Restrained Joint C900 DR18 PVC carrier pipe as shown in the plans, standard details, and specifications. The cost of trench safety, pit excavation, any necessary shoring to protect existing roadways or utilities, above ground and below ground utility protection and support, dewatering, boring, steel casing, pipe storage, carrier pipe restraint and installation, casing spacers, casing vents, end seals, furnishing and installing embedment, pit backfill, compaction and all other incidental items necessary for a complete and workable installation are included in this pay item.

The Contractor may at his option, utilize integrally restrained bell and spigot C900 PVC pipe, Fusible PVC pipe or HDPE pipe in accordance with City of Stillwater Construction Standards and Details. Contractor may reduce casing size as appropriate for these options. HDPE shall have the same or larger Inner Diameter as the specified PVC pipe.

2.08 ITEM NO. 8 – 12-INCH RESTRAINED JOINT C900 DR18 PVC PIPE WITH 24-INCH STEEL CASING BY BORE (LF)

This per linear foot bid item shall include furnishing all labor, equipment, and materials necessary to bore and install 24-inch steel casing with 12-inch Restrained Joint C900 DR18 PVC carrier pipe as shown in the plans, standard details, and specifications. The cost of trench safety, pit excavation, any necessary shoring to protect existing roadways or utilities, above ground and below ground utility protection and support, dewatering, boring, steel casing, pipe storage, carrier pipe restraint and installation, casing spacers, casing vents, end seals, furnishing and installing embedment, pit backfill, compaction and all other incidental items necessary for a complete and workable installation are included in this pay item.

The Contractor may at his option, utilize integrally restrained bell and spigot C900 PVC pipe, Fusible PVC pipe or HDPE pipe in accordance with City of Stillwater Construction Standards and Details. Contractor may reduce casing size as appropriate for these options. HDPE shall have the same or larger Inner Diameter as the specified PVC pipe.

2.09 ITEM NO. 9 – 6-INCH MJ GATE VALVE WITH VALVE BOX (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a 6-inch resilient seated gate valve as shown in the plans, standard details, and specifications. The valve shall be fusion-bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the gate valve, concrete valve support, valve stem, valve stem extension, hardware, thrust restraint, valve box with concrete pad, and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.10 ITEM NO. 10 – 8-INCH MJ GATE VALVE WITH VALVE BOX (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install an 8-inch resilient seated gate valve as shown in the plans, standard details, and specifications. The valve shall be fusion-bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the gate valve, concrete valve support, valve stem, valve stem extension, hardware, thrust restraint, valve box with concrete pad, and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.11 ITEM NO. 11 – 12-INCH MJ GATE VALVE WITH VALVE BOX (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a 12-inch resilient seated gate valve as shown in the plans, standard details, and specifications. The valve shall be fusion-bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the gate valve, concrete valve support, valve stem, valve
stem extension, hardware, thrust restraint, valve box with concrete pad, and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.12 ITEM NO. 12 – 6-INCH 45° MJ BEND (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a DIP 6-inch 45-degree bend as shown in the plans, standard details, and specifications. The DIP fitting shall be fusion bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the fitting, hardware, thrust restraint, thrust blocking and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.13 ITEM NO. 13 – 6-INCH 90° MJ BEND (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a DIP 6-inch 90-degree bend as shown in the plans, standard details, and specifications. The DIP fitting shall be fusion bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the fitting, hardware, thrust restraint, thrust blocking, and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.14 ITEM NO. 14 – 8-INCH 22.5° MJ BEND (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a DIP 8-inch 22.5-degree bend as shown in the plans, standard details, and specifications. The DIP fitting shall be fusion bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the fitting, hardware, thrust restraint, thrust blocking and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.15 ITEM NO. 15 – 8-INCH 45° MJ BEND (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a DIP 8-inch 45-degree bend as shown in the plans, standard details, and specifications. The DIP fitting shall be fusion bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the fitting, hardware, thrust restraint, thrust blocking and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.16 ITEM NO. 16 – 8-INCH 90° MJ BEND (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a DIP 8-inch 90-degree bend as shown in the plans, standard details, and specifications. The DIP fitting shall be fusion bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the fitting, hardware, thrust restraint, thrust blocking, and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.17 ITEM NO. 17 – 12-INCH 11.25° MJ BEND (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a DIP 12-inch 11.25-degree bend as shown in the plans, standard details, and specifications. The DIP fitting shall be fusion bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the fitting, hardware, thrust restraint, thrust blocking, and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.18 ITEM NO. 18 – 12-INCH 22.5° MJ BEND (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a DIP 12-inch 22.5-degree bend as shown in the plans, standard details, and specifications. The DIP fitting shall be fusion bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the fitting, hardware, thrust restraint, thrust blocking, and all other incidental items necessary for a complete and workable installation are included in this pay item.
2.19 ITEM NO. 19 – 12-INCH 45° MJ BEND (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a DIP 12-inch 45-degree bend as shown in the plans, standard details, and specifications. The DIP fitting shall be fusion bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the fitting, hardware, thrust restraint, thrust blocking, and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.20 ITEM NO. 20 – 12-INCH 90° MJ BEND (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a DIP 12-inch 90-degree bend as shown in the plans, standard details, and specifications. The DIP fitting shall be fusion bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the fitting, hardware, thrust restraint, thrust blocking, and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.21 ITEM NO. 21 – 6-INCH X 6-INCH DIP MJ TEE (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a 6-inch x 6-inch tee as shown in the plans, standard details, and specifications. The DIP fitting shall be fusion-bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the fitting, hardware, thrust restraint, thrust blocking, and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.22 ITEM NO. 22 – 12-INCH X 6-INCH DIP MJ TEE (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a 12-inch x 6-inch tee as shown in the plans, standard details, and specifications. The DIP fitting shall be fusion-bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the fitting, hardware, thrust restraint, thrust blocking, and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.23 ITEM NO. 23 – 12-INCH X 8-INCH DIP MJ TEE (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a 12-inch x 8-inch tee as shown in the plans, standard details, and specifications. The DIP fitting shall be fusion-bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the fitting, hardware, thrust restraint, thrust blocking, and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.24 ITEM NO. 24 – 12-INCH X 12-INCH DIP MJ TEE (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a 12-inch x 12-inch tee as shown in the plans, standard details, and specifications. The DIP fitting shall be fusion-bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the fitting, hardware, thrust restraint, thrust blocking, and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.25 ITEM NO. 25 – 12-INCH X 6-INCH MJ REDUCER (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a 12-inch x 6-inch reducer as shown in the plans, standard details, and specifications. The DIP fitting shall be fusion-bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the fitting, hardware, thrust restraint, and all other incidental items necessary for a complete and workable installation are included in this pay item.
2.26 ITEM NO. 26 – 12-INCH X 10-INCH MJ REDUCER (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a 12-inch x 10-inch reducer as shown in the plans, standard details, and specifications. The DIP fitting shall be fusion-bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the fitting, hardware, thrust restraint, and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.27 ITEM NO. 27 – 2-INCH AIR RELEASE VALVE AND VAULT (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a combination air valve and vault as shown in the plans, standard details, and specifications. The cost of the main line tap and tapping saddle, service line, combination air valve, 2-inch gate valve with valve box, vault, vault frame and cover, concrete, excavation, backfill, bedding course, filter fabric, tracer wire, galvanized vent pipe, flowable fill, hardware, bollards and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.28 ITEM NO. 28 – SERVICE CONNECTION – SHORT (EA)

This per each bid item shall include furnishing materials necessary to install short service connection and the associated water meter as shown in the plans, standard details, and specifications. The cost of the short service connection shall include corporation stop, taps for corporation stop, service saddle, HDPE Copper Tube Size service line, angle stop valves, meter box, customer valve box, meter setter, bracer bar, customer valve, tracer wire, excavation, backfill, leveling course, compaction, connection to existing customer service line and all other incidental items necessary for a complete and workable installation are included in this pay item.

The existing water meters and radios shall be removed from the meter location and relocated to the new meter location. Removal and installation shall be subsidiary to the amount bid for the line item.

2.29 ITEM NO. 29 – FIRE HYDRANT ASSEMBLY (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a fire hydrant complete as shown in the plans, standard details, and specifications. DIP fittings and valves shall be fusion-bonded epoxy coated and have MJ connections with stainless steel nuts and bolts. The cost of the fire hydrant, riser unit, gate valve, anchor tees (up to 6-inch x 6-inch), thrust restraint, thrust blocking, and all other incidental items necessary for a complete and workable installation are included in this pay item. Anchor tees necessary for connecting to the waterline which measure 10-inch x 6-inch and larger shall be paid for under the bid item associated with the specific tee size. No additional payment will be made for the pipe length between the waterline and the fire hydrant except where the pipe is shown on the drawings in separate profile.

2.30 ITEM NO. 30 – FIRE HYDRANT REMOVAL (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to remove an existing fire hydrant and the associated isolation valve, piping, thrust restraint and fittings as shown in the plans and specifications. The cost of backfilling the resultant trench, restoration of the site and capping and plugging the remaining piping shall be considered incidental and are included in this pay item.

2.31 ITEM NO. 31 – CONNECTION TO EXISTING 6-INCH ACP WATERLINE (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a connection to the existing 6-inch asbestos cement waterline as shown in the plans, standard details, and specifications. The cost of all necessary transition couplings, restraining couplings, wall blocking including Megalugs and reinforcing steel, stainless steel hardware, thrust restraint, existing ACP pipe removal and disposal, replacement PVC waterline materials and installation, fittings, regulatory coordination, contractor safety, excavation, backfill and all other incidental items necessary for a complete and workable installation are included in this pay item.
Necessary tees and valves shall be considered as separate pay items.

2.32 ITEM NO. 32 – CONNECTION TO EXISTING 8-INCH ACP WATERLINE (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a connection to the existing 8-inch asbestos cement waterline as shown in the plans, standard details, and specifications. The cost of all necessary transition couplings, restraining couplings, wall blocking including Megalugs and reinforcing steel, stainless steel hardware, thrust restraint, existing ACP pipe removal and disposal, replacement PVC pipe materials and installation, fittings, regulatory coordination, contractor safety, excavation, backfill and all other incidental items necessary for a complete and workable installation are included in this pay item. Necessary tees and valves shall be considered as separate pay items.

2.33 ITEM NO. 33 – CONNECTION TO EXISTING 10-INCH ACP WATERLINE (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a connection to the existing 10-inch asbestos cement waterline as shown in the plans, standard details, and specifications. The cost of all necessary transition couplings, restraining couplings, wall blocking including Megalugs and reinforcing steel, stainless steel hardware, thrust restraint, existing ACP pipe removal and disposal, replacement PVC pipe materials and installation, fittings, regulatory coordination, contractor safety, excavation, backfill and all other incidental items necessary for a complete and workable installation are included in this pay item. Necessary tees and valves shall be considered as separate pay items.

2.34 ITEM NO. 34 – CONNECTION TO EXISTING 12-INCH ACP WATERLINE (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a connection to the existing 12-inch asbestos cement waterline as shown in the plans, standard details, and specifications. The cost of all necessary transition couplings, restraining couplings, wall blocking including Megalugs and reinforcing steel, stainless steel hardware, thrust restraint, existing ACP pipe removal and disposal, replacement PVC pipe materials and installation, fittings, regulatory coordination, contractor safety, excavation, backfill and all other incidental items necessary for a complete and workable installation are included in this pay item. Necessary tees and valves shall be considered as separate pay items.

2.35 ITEM NO. 35 – CONNECTION TO EXISTING 8-INCH PVC WATERLINE (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to install a connection to the existing 8-inch PVC waterline as shown in the plans, standard details, and specifications. The cost of all necessary transition couplings, restraining couplings, wall blocking including Megalugs and reinforcing steel, stainless steel hardware, thrust restraint, existing PVC pipe removal and disposal, replacement PVC pipe materials and installation, fittings, contractor safety, excavation, backfill and all other incidental items necessary for a complete and workable installation are included in this pay item. Necessary tees and valves shall be considered as separate pay items.

2.36 ITEM NO. 36 – PLUG AND ABANDON EXISTING 2-INCH WATERLINE (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to plug the abandoned 2-inch waterline at locations directed by the Authority Construction Inspector and as shown in the plans, standard details, and specifications. The cost of the hardware, pipe cutting, concrete, grout, regulatory coordination, contractor safety, and all other incidental items necessary for a complete installation are included in this pay item.

2.37 ITEM NO. 37 – PLUG AND ABANDON EXISTING 6-INCH ACP WATERLINE (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to plug the abandoned 6-inch asbestos cement waterline at locations directed by the Authority Construction Inspector and as shown in the plans, standard details, and specifications. The cost of the hardware, pipe cutting, concrete/asphalt removal and replacement, excavation, grout, backfill,
regulatory coordination, ACP disposal, contractor safety, and all other incidental items necessary for a complete installation are included in this pay item.

2.38 ITEM NO. 38 – PLUG AND ABANDON EXISTING 8-INCH ACP WATERLINE (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to plug the abandoned 8-inch asbestos cement waterline at locations directed by the Authority Construction Inspector and as shown in the plans, standard details, and specifications. The cost of the hardware, pipe cutting, concrete/asphalt removal and replacement, excavation, grout, backfill, regulatory coordination, ACP disposal, contractor safety, and all other incidental items necessary for a complete installation are included in this pay item.

2.39 ITEM NO. 39 – PLUG AND ABANDON EXISTING 12-INCH ACP WATERLINE (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to plug the abandoned 12-inch asbestos cement waterline at locations directed by the Authority Construction Inspector and as shown in the plans, standard details, and specifications. The cost of the hardware, pipe cutting, concrete/asphalt removal and replacement, excavation, grout, backfill, regulatory coordination, ACP disposal, contractor safety, and all other incidental items necessary for a complete installation are included in this pay item.

2.40 ITEM NO. 40 – PLUG AND ABANDON EXISTING 8-INCH PVC WATERLINE (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to plug the abandoned 8-inch PVC waterline at locations directed by the Authority Construction Inspector and as shown in the plans, standard details, and specifications. The cost of the hardware, pipe cutting, concrete/asphalt removal and replacement, excavation, grout, backfill, regulatory coordination, PVC disposal, contractor safety, and all other incidental items necessary for a complete installation are included in this pay item.

2.41 ITEM NO. 41 – PLUG AND ABANDON EXISTING 12-INCH CAST IRON WATERLINE (EA)

This per each bid item shall include furnishing all labor, equipment, and materials necessary to plug the abandoned 12-inch cast iron waterline at locations directed by the Authority Construction Inspector and as shown in the plans, standard details, and specifications. The cost of the hardware, pipe cutting, concrete, grout, regulatory coordination, contractor safety, and all other incidental items necessary for a complete installation are included in this pay item.

2.42 ITEM NO. 42 – REMOVE AND REPLACE CONCRETE SIDEWALK (SY)

This per square yard bid item shall include furnishing all materials, labor, and equipment to properly remove and replace the existing sidewalk pavement in accordance with the plans, standard details, and specifications. The cost of concrete removal and disposal, subgrade preparation, compaction, concrete, formwork, concrete finishing and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.43 ITEM NO. 43 – REMOVE AND REPLACE CONCRETE DRIVE (SY)

This per square yard bid item shall include furnishing all materials, labor, and equipment to properly remove and replace driveway pavement in accordance with the plans, standard details, and specifications. The cost of concrete removal and disposal, aggregate base, subgrade preparation, compaction, concrete, formwork, concrete finishing and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.44 ITEM NO. 44 – REMOVE AND REPLACE ASPHALT PAVEMENT (SY)

This per square yard bid item shall include furnishing all materials, labor, and equipment to properly remove and replace asphalt pavement in accordance with the plans, standard details, and specifications. The cost of asphalt removal and disposal, aggregate base, subgrade preparation, compaction, asphalt placement, and all other incidental items necessary for a complete and
workable installation are included in this pay item.

2.45 ITEM NO. 45 – REMOVE AND REPLACE CONCRETE CURB AND GUTTER (LF)

This per linear foot bid item shall include furnishing all materials, labor, and equipment to properly remove and replace concrete curb and gutter in accordance with the plans, standard details, and specifications. The cost of concrete removal and disposal, subgrade preparation, compaction, concrete, dowels, formwork, concrete finishing, and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.46 ITEM NO. 46 – SLAB SODDING (SY)

This per square yard bid item shall include furnishing all materials, labor, and equipment to supply and properly apply slab sod in disturbed areas in accordance with the plans, standard details, and specifications. The cost of salvaging and placing topsoil, ground preparation, watering, fertilizing, slab sod to match grass type at each individual location, rolling and all other incidental items necessary to establish quality grass turf are included in this pay item.

2.47 ITEM NO. 47 – EXISTING UTILITY LOCATION (LS)

This lump sum bid item shall include furnishing all materials, labor and equipment, to perform utility location (potholing) as necessary for construction of the new waterline in accordance with the plans, standard details, and specifications. The cost of excavation, utility location and backfill and all other incidental items necessary for a complete and workable installation are included in this pay item.

2.48 ITEM NO. 48 – CONSTRUCTION STAKING (LS)

This lump sum bid item shall include furnishing all materials, labor and equipment, to perform construction staking for the new waterline, right of way, and easements in accordance with the plans, standard details, and specifications. The cost of construction staking by a land surveyor registered in Oklahoma and all other incidental items are included in this pay item.

2.49 ITEM NO. 49 – TRAFFIC CONTROL (LS)

This lump sum bid item shall include all material, labor and equipment to prepare, utilize and maintain the traffic control plan for the project area in accordance with the plans, standard details and specifications. Any traffic control plan shall be designed with all local regulations as well as the Manual on Uniform Traffic Control Devices (MUTCD), latest edition. The traffic control plan must be approved by the City of Stillwater prior to any construction. Upon approval of traffic control plan, the contractor must provide notice to the Engineer at least 72 hours prior to any street closures for publication. The plan shall be deployed and maintained in the field by certified construction traffic control technicians (certification through either ATSSA or OTEA is mandatory). The cost of the traffic control plan, signage, barricades, traffic control devices, field technicians and all other incidental items are included in this pay item.

2.50 ITEM NO. 50 – EROSION CONTROL (LS)

This lump sum bid item shall include all material, labor and equipment to design, install, and maintain an approved Erosion Control Plan for the project area in accordance with the Storm Water Pollution Prevention Plan, standard details and specifications. The erosion control plan must be approved by Engineer and erosion control measures installed prior to any construction. This item shall include filing the Notice of Intent (NOI) and the Notice of Termination (NOT) with the Oklahoma Department of Environmental Quality (ODEQ). The cost of permitting, SWPPP preparation, installation, maintenance and removal of erosion control devices including silt fencing, check dams, etc., sediment handling and all other incidental items necessary to restore the ground surface are included in this pay item.

2.51 ITEM NO. 51 – DISINFECTION AND TESTING (LS)
This lump sum bid item shall include all material, labor, equipment, and all other incidental items to provide for pipeline disinfection and pressure testing in accordance with Oklahoma DEQ regulations, the latest edition of AWWA C-651 and City of Stillwater standards. All other incidental items are included in this pay item.

2.54 ITEM NO. 52 – MOBILIZATION AND INSURANCE (LS)

This lump sum bid item shall include furnishing materials and equipment, permits and labor necessary to move all machinery and personnel required onto, and off, the job site to perform construction in accordance with the plans, standard details, and specifications. The cost of the pre-construction video, insurance, bonds, mobilization, demobilization and all other incidental items are included in this lump sum pay item. This item shall not exceed 5% of the total bid. No more than 90% of this item shall be paid until project acceptance.

END OF SECTION
Date: 

Bidder: 

Bidder’s State Contractor License Number: 

Project: Perkins Road Waterline Relocation

Bid Summary:

Total Base Bid

$ ____________________________  
in figures

ARTICLE 1 - BID RECIPIENT

1.01 This bid is submitted to:

Office of the City Clerk, or Office of the City Clerk
City of Stillwater City of Stillwater
PO Box 1449 723 S. Lewis Street
Stillwater, OK  74074 Stillwater, OK  74076

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with City in the form included in the Bidding Documents to perform 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 other terms and conditions of the Bidding Documents.

ARTICLE 2 - BIDDER ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Notice to Bidders or Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. The Bid will remain subject to acceptance for 45 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 - BIDDER’S REPRESENTATIONS

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, the other related data identified in the Bidding Documents, and the following Addenda, receipt of all which is hereby acknowledged.

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3.02 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.

3.03 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.

3.04 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 Supplementary Conditions as provided in paragraph 4.02 of the General Conditions, and (2) reports and drawings of a Hazardous Environmental Condition, if any, which has been identified in the Supplementary Conditions as provided in paragraph 4.06 of the General Conditions.

3.05 Bidder has obtained and carefully studied 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 to be employed by Bidder, including applying the specific 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.

3.06 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.

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

3.08 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.

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

3.10 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.

**ARTICLE 4 - FURTHER REPRESENTATIONS**

4.01 Bidder further represents that:
A. 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.

B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.

C. Bidder has not solicited or induced any individual or entity to refrain from bidding.

D. Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over Owner.

**ARTICLE 5 - BASIS OF BID**

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

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<td>10-Inch Restrained Joint C900 DR18 PVC Waterline by Open Cut</td>
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<td>Description</td>
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<td>Plug and Abandon Existing 2-Inch Waterline</td>
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<td>SY</td>
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<td>45</td>
<td>505</td>
<td>LF</td>
<td>Remove and Replace Concrete Curb and Gutter</td>
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<td>$</td>
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<td>Existing Utility Location</td>
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<td>LS</td>
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<td>49</td>
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<td>LS</td>
<td>Traffic Control</td>
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<td>Erosion Control</td>
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51 1 LS Disinfection and Pressure Testing

$_________ $_________

unit price in words

in figures in figures

52 1 LS Mobilization and Insurance (5% Maximum)

$_________ $_________

unit price in words

in figures in figures

Total Base Bid: Sum of all Base Bid Items

$________________________________________

in figures

Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words for unit prices will govern. The above unit prices shall include all labor, materials, overhead, profit, insurance, etc., to cover the finished work of the several kinds called for.

Unit Prices have been computed in accordance with paragraph 11.03.B of the General Conditions.

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.
ARTICLE 6 - TIME OF COMPLETION

6.01 Bidder agrees that the Work will be completed in accordance with the Contract Documents.

6.02 Bidder agrees to pay Liquidated Damages as provided for in the Contract Documents.

ARTICLE 7 - ATTACHMENTS TO THIS BID

7.01 Refer to Section H of the contract documents for a list of documents required for this bid.

ARTICLE 8 - DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings indicated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 - BID SUBMITTAL

9.01 This Bid is submitted by:

☐ An Individual

Name (typed or printed): ____________________________________________

By: ___________________________________________________________

(SEAL) (Individual's Signature)

doing business as ________________________________________________

Business address ________________________________________________

Telephone number ______________ FAX number_____________________

SS# or FED I.D.#_______________________________________________

☐ A Partnership

Partnership Name (typed or printed): ________________________________

By _________________________________

(Signature of General Partner- attach evidence of authority to sign)

Business address ________________________________________________

Telephone number ______________ FAX number_____________________

SS# or FED I.D.#_______________________________________________
[A Corporation

By ____________________________________________________________
(SEAL) (Corporate Name)

______________________________________________________________
(State of incorporation)

Type: ___________________________________________________________________
(General Business, Professional, Service, Limited Liability)

By ____________________________________________________________
(SEAL) (Signature - attach evidence of authority to sign)

______________________________________________________________
(Corporate seal) (Title of person authorized to sign)

Attest ________________________________

(Secretary)

Business address __________________________________________________________

Telephone number __________________ FAX __________________

FED I.D.# ____________________________________________
A Joint Venture

By

(SEAL)(Name)

(Address)

By

(SEAL)(Name)

(Address)

SS# or FED I.D.#

(Each joint venturer 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.)

All Bidders:

Address and telephone number for receipt of official communications:

Contact Person:

Address:

Telephone:

Email:

FAX: