



City of Duluth

DEPARTMENT OF PUBLIC WORKS/UTILITIES
Engineering Division
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May 27, 2010

ADDENDUM NO. 1 - Bid 10-0293 – Project No. 0838GS – 8” Gas Main Replacement on Third Street from 8th Avenue E. to Lake Avenue and on Mesaba Avenue from W. Third Street to W. First Street

REQUEST FOR BIDS FORM - EXHIBIT A

Remove the Exhibit A attached to the Request for Bids Form included with the specifications and replace with the Exhibit A attached to this addendum. The bid item 2505.603 Furnish & Install 3” PE Gas Main or Service by Horizontal DD has been deleted and replaced with bid items 2505.603 Furnish & Install 6” PE Gas Main with Granular Encasement and 2505.603 Furnish & Install 6” PE Gas Main by Horizontal Directional Drill. The quantity for bid item 2505.603 Furnish & Install 3” PE Gas Main or Service has also been reduced. Bid item 2505.602 Furnish & Install 6” PE Valve and Valve Box has been added and the quantity for bid item 2505.602 Furnish & Install 3” PE Valve and Valve Box has been reduced. Bid item 2505.602 Excavate and Insulate 3” P.E. Gas 8’ Long @ Steam Crossing has been changed to bid item 2505.602 Excavate and Insulate 6” P.E. Gas 8’ Long @ Steam Crossing. The quantity for bid item 2531.618 Truncated Domes has also been increased.

PLANS

Remove the following plan sheets and replace with the plan sheets attached to this addendum.

SHEET 2: In the Statement of Estimated Quantities item 2505.603 Furnish & Install 3” PE Gas Main or Service by Horizontal DD has been deleted and replaced with items 2505.603 Furnish & Install 6” PE Gas Main with Granular Encasement and 2505.603 Furnish & Install 6” PE Gas Main by Horizontal Directional Drill. The quantity for item 2505.603 Furnish & Install 3” PE Gas Main or Service has also been reduced. Item 2505.602 Furnish & Install 6” PE Valve and Valve Box has been added and the quantity for item 2505.602 Furnish & Install 3” PE Valve and Valve Box has been reduced. Item 2505.602 Excavate and Insulate 3” P.E. Gas 8’ Long @ Steam Crossing has been changed to item 2505.602 Excavate and Insulate 6” P.E. Gas 8’ Long @ Steam Crossing. The quantity for item 2531.618 Truncated Domes has also been increased.

SHEET 4: In the steam crossing insulation details, “Proposed 8” PE Gas Main” has been changed to “Proposed 6” or 8” PE Gas Main.”

SHEET 11: In the detail for 3rd Street and 5th Avenue E., the proposed gas main in 5th Avenue E. has been changed from 3” PE Gas to 6” PE Gas and the new valve to be installed has been changed from a 3” P.E. valve to a 6” P.E. valve. In the Step 3 procedures, 3” P.E. valve and 3” P.E. pipe and cap have been changed to 6” P.E. valve and 6” P.E. pipe and cap respectively.

SHEET 12: On the 5th Avenue E. plan, the 3” PE Gas and the Proposed 3” Cap has been changed to 6” PE Gas and Proposed 6” Cap respectively. The note at 3rd Street to Install New 3” P.E. Valve has been changed to Install New 6” P.E. Valve. The note at the 4th Street Alley for Proposed 3” Tees has been changed to Proposed 6” Tees & Reducers. In the Step 4 procedures, 3” P.E. Main, 3” P.E. Valve and 3” P.E. Tee have been changed to 6” P.E. Main, 6” P.E. Valve and 6” P.E. Tee respectively where appropriate. In the Step 5 procedures, the 3” Polyvalve has been changed to a 2” Polyvalve.

SHEET 15: On 3rd Street at Mesaba Avenue – NB, the 8” PE Gas line was added where it was previously inadvertently omitted. At 2nd Street and Mesaba Avenue – NB, the Proposed 1” PE Gas Valve was added on the existing gas service.

SHEET 17: The procedures under Step 12 were moved to Step 11 and the procedures under Step 11 were moved to Step 12.

SPECIFICATIONS

SPECIAL PROVISIONS, PAGE 5:

Section SP-8: Add the following paragraphs to Section SP-8:

- I. The Contractor shall maintain at least one lane of traffic on Second Street at all times. The Contractor shall at all times maintain a drive lane width of not less than 12 feet wide on Second Street for through traffic.
- J. The Contractor may close First Street if necessary.
- K. The Contractor may close one of the avenues at a time if necessary.
- L. The Contractor shall not close any lanes on Mesaba Avenue.
- M. Prior to closing a lane, street or avenue, the Contractor shall submit a traffic control plan and proposed detour route if necessary to the Engineer for approval. The Contractor shall also notify the Duluth Fire and Police Chiefs and the Duluth Transit Authority (DTA) so that they can detour their emergency vehicles and bus routes. The Contractor shall notify the DTA representative, Phil Torgerson, Director of Operations, at (218) 722-4426 prior to the closure.

SPECIAL PROVISIONS, PAGE 6:

Section SP-10: Add the following paragraph to Section SP-10:

If the Contractor uses rock blasting for rock or boulder excavation in the trench, the rock blasting shall comply with all provisions in 2105 ROCK BLASTING including the requirements of Blast Monitor/Survey in the City of Duluth, Minnesota Public Works and Utilities Department – Engineering Division Standard Construction Specifications 2009 Edition and any addendums or supplements. The cost of Blast Monitor/Survey shall be considered incidental to payment for 2105.503 Boulder Excavation (Trench) or 2105.503 Rock Excavation (Trench).

SPECIAL PROVISIONS, PAGE 7:

Subsection SP-15.C: Add the following paragraph to Subsection SP-15.C:

Scrape the outside of the pipe surface to remove oxidation and other contaminates. Use an appropriate scraping tool, as recommended by the pipe or fitting manufacturer and approved by the Public Works and Utilities Department. Scrape the pipe surface until the outer layer or "skin" of the pipe has been removed to expose a clean, virgin pipe material in accordance with the pipe manufacturer's recommendation. Inspect the entire scraped area to ensure total scraping coverage. For pipe smaller than 6-inch, if a coupling is to be pushed completely over one pipe end, scrape the pipe end for the entire length of the coupler to prevent contamination of the coupler by sliding over un-scraped pipe. **Do not use abrasives, grinding wheels, or other devices that do not cleanly remove the contaminated material.**

SPECIAL PROVISIONS, PAGE 8:

Subsection SP-15.2: Replace the third and fourth sentences with the following sentences in Subsection SP-15.2:

Pittsburgh Coming Foamglas Cellular Glass Insulation blocks or an approved equal, 4 inches thick, 4 feet wide and 8 feet long, shall be furnished by the Department and placed by the Contractor between the existing steam line and the new PE gas main or service where indicated on the details or directed by the Engineer. A 2 inch thick

Pittsburgh Corning Foamglas Cellular Glass Insulation pipe covering or an approved equal shall be furnished by the Contractor and wrapped around the new PE gas main or service by the Contractor for an 8 foot length where indicated on the details or directed by the Engineer.

SPECIAL PROVISIONS

Add the following section to the Special Provisions:

(2531) PEDESTRIAN CURB RAMP – TRUNCATED DOME SYSTEMS

Pedestrian curb ramps with Truncated Dome Systems (detectable warning surfaces) shall be constructed in accordance with the detail for perpendicular ramps on MN/DOT Standard Plate No. 7036F (1 of 2). Two pedestrian curb ramps shall be installed at the tangent points in line with the crosswalks to direct pedestrians in the direction of crosswalks and pedestrian travel. Diagonal orientation of the pedestrian curb ramps shall not be used unless approved by the Engineer.

SPECIAL PROVISIONS

Add the following section to the Special Provisions:

(2540) CONSTRUCT SURVEY MONUMENT

It is not anticipated that any survey monuments will be disturbed on this project. If any survey monuments are disturbed, the City of Duluth will supply the monument casting and the Contractor shall install the survey monument as specified in 2540 CONSTRUCT SURVEY MONUMENT in the City of Duluth, Minnesota Public Works and Utilities Department – Engineering Division Standard Construction Specifications 2009 Edition and any addendums or supplements. The Contractor shall be paid for installing survey monuments as Extra Work

SPECIAL PROVISIONS

Add the following section to the Special Provisions:

(2573) STORM WATER MANAGEMENT

An MPCA Stormwater for Construction Activity NPDES permit is not required for this project. However, the Contractor shall be required to restore all disturbed areas of pavement, sidewalk or turf within 10 days or furnish, install and maintain temporary storm drain inlet protection until restoration has been completed. All costs of temporary storm drain inlet protection shall be considered incidental.

This addendum shall become part of the contract documents and supersedes the drawings and specifications where indicated. Please acknowledge receipt of this addendum in the space provided on the bid form.

All other terms and conditions remain the same.

Yours truly,



Larry L. Winner, P.E.
Project Engineer

CC: Dennis Sears, Purchasing Agent