

ADDENDUM NO. 1
to
PLANS and SPECIFICATIONS

for

Borgfeld Rd. – West
16-Inch Oversized (12-Inch Required)
Water Main

SAWS Job No. 07-3004
Solicitation No. B-11-008-MR

Issue Date: February 7, 2011



**SAN ANTONIO WATER SYSTEM
BORGFELD RD. – WEST
16-Inch Oversized (12-Inch Required) Water Main
SAWS Job No. 07-3004**

ADDENDUM NO. 1

February 7, 2011

This addendum, applicable to the project noted above, is an amendment to the bidding and specification documents and as such shall be a part of and included in the Contract. Acknowledge receipt of this addendum by entering the addendum number and issue date in the spaces provided on all submitted copies of the proposal.

1.0 Addendum Purpose

The purpose of this addendum is to issue revisions and clarifications for the Borgfeld Rd. – West 16-Inch Oversized (12-Inch Required) Water Main (SAWS Job No. 07-3004).

2.0 Pre-Bid Meeting Minutes and Questions

A. A non-mandatory Pre-Bid Conference was held on February 3, 2011 at SAWS Customer Service Tower Two, 1st floor conference room CR169, 2800 U.S. Hwy 281 North, San Antonio. A sign-in roster of the attendees is attached. Minutes from the meeting are attached and are considered part of this Addendum.

3.0 Questions and Clarifications

Question: “What is the required wall thickness for the steel casing?”

Answer: Refer to SAWS Detail DD-856-01 Installation of Pipe In Conduit. Steel casing for 16” water main shall be 30” dia. with a wall thickness of 0.375 inches. There is no 16” dia. casing pipe required.

Question: “Is the project all new construction or does a pipeline currently exist and the intention is to upsize?”

Answer: There is an existing water main located in the area of the work that is owned by a different water purveyor, which is not a part of this Work. There is no upsizing or replacement of existing water mains included in the project. Work under this contract is for the installation of new water mains.

Question: Will GPS data be required for submission with pay estimates and As Recorded plans?

Answer:

- a. *The requirement for furnishing GPS data as written in the General Construction Notes, plan sheet 2 of 18, note 22, A, remains in effect.*
- b. *As an alternate to the requirements of note 22, A, the Contractor may provide the following:*

1. *A white, schedule 40, PVC marker pipe, minimum 2" dia. shall be set vertically on top of the water main at intervals not to exceed 100 feet; at all fittings along the water main, including all fittings on fire hydrant leads; and at all connections to existing pipe. The PVC marker pipe shall be placed directly on the top surface of the water main or fitting and shall be maintained in a true vertical position during backfilling procedures. The PVC marker pipe shall extend a minimum of 2-feet above the finished grade and shall be installed with a removable PVC cap. Using a black permanent marker, the Contractor shall number each PVC marker pipe sequentially for reference, list the depth of the water main (measured from finished grade to top of the water main) and list the type and size of fitting (16"x6" tee, 16" 45-degree, 6" 90-degree, etc.).*
2. *The PVC pipe shall be protected until final As Recorded plans are completed at such time the Contractor shall remove the PVC pipe and fill the void with compacted earth.*
3. *The Contractor shall maintain a record listing the number of each marker pipe along with the required information written on each of the marker pipes. On a monthly basis, each marker pipe shall be located electronically using coordinate system data in relation to the horizontal and vertical control provided by the Engineer. Coordinate data, including vertical data, shall be taken at the finished grade immediately adjacent to the PVC marker pipe. Contractor shall include with their monthly pay estimate a record plan drawing showing all as-built information required by SAWS specifications as well as the record of the PVC pipe marker information recorded for that pay period. In addition, electronic field data identifying the coordinate data for each of the PVC pipe markers shall be provided as a text file on a 3.5" diskette or compact disk (CD) in the following comma delimited format:

*P,N,E,Z,D (Point,Northing,Easting,Elevation,Descriptor) no spaces**
4. *Failure to properly comply will be basis for the Owner to withhold the Contractor's monthly payment in partial or in full.*

Question: Availability of water for hydrostatic testing and chlorination?

Answer: As shown on the plans, Bexar Met Water District has an existing 12" water main with fire hydrants located along the north side of Borgfeld Road within the area of the proposed Work (also see attached PDF file showing Bexar Met water main location). Contact Mr. Carlos S. Rodriguez, Mains & Service Manager at Tel 210-354-6561 or Fax 210-354-6593 or Email at csrodriguez@bexarmet.org at Bexar Met Water District for information.

The Contractor may contract with Bexar Met or any other water purveyor in order to purchase water necessary for the Work. The purchase of water is considered incidental to construction and will be a "no separate pay item". Refer to the requirements set forth in the Special Conditions, Item SC-20.0.

Addendum No. 1
Borgfeld Rd.- West 16-Inch Oversized (12-Inch Required) Water Main
Saws Job No. 07-3004, Solicitation No. B-11-008-MR
Issue Date: February 7, 2010

Clarification: Special Conditions Item SC-20.0

Special condition SC-20.0 in the Special Conditions section is hereby amended to include:

In the event the contractor must bring in water for hydrostatic testing due to SAWS Job 07-3008 not being completed, the contractor will not be required to complete the chlorination of the water line or item 840A, Tie-in New 16" WL to Existing 16" WL, prior to SAWS acceptance. The Contractor will be responsible to install all the chlorination connection points as required by the SAWS specifications for chlorination and ensure that the water main is drained of all water prior to completion.

Clarification: Contract Documents Table of Contents

The Contract Documents, Table of Contents lists Supplemental Conditions, page SS-1, however, there is not a Supplemental Conditions section in the contract documents.

Clarification: Contractor Payment

SAWS will pay to Contractor, within 30 days of receipt of a correct invoice, for SAWS' proportionate share of the construction costs for the oversize project. Only one invoice is permitted in a 30 day period. Developer will pay Contractor, within twelve (12) working days of the notice of approval for payment(s) by SAWS per agreement.

ACKNOWLEDGEMENT BY BIDDER

Each bidder is requested to acknowledge receipt of this Addendum No. 1 and the associated attachments by his/her signature affixed hereto and to file same and attach with his/her bid.

The undersigned acknowledges receipt of this Addendum No. 1 along with the bid submitted herewith is in accordance with the information and stipulations set forth.

Date

Signature

END OF ADDENDUM NO. 1

CONFERENCE MEMO

PROJECT: Borgfeld Rd - West 16" Oversize (12" Required) Water Main Project (SAWS #07-3008) **DATE:** Feb. 4, 2011

CONFERENCE LOCATION: SAWS Conf. Rm. C169 10:00 AM CST **CONFERENCE DATE:** Feb. 3, 2011

PURPOSE OF MEETING: Non-Mandatory Pre-Bid Meeting

ATTENDEES: See Attached

FROM: Tom Belt, APM **PROJECT NO.:** 7566-00
Pape-Dawson Engineers

CC: Attendees

DISCUSSION: *Below is a documentation of the subject matter discussed in the above-mentioned meeting. If your understanding of the discussion differs from the documentation shown below, or, if any discussion aired during the meeting was omitted from the following meeting minutes, please contact our office at your earliest convenience. Please note that this memo will only be distributed electronically and no hardcopies of this memo will be distributed. However, the recipient may print his/her own copies.*

- Tracey Lehmann (SAWS) introduced the project to the attendees and provided the following information
 - Project Name: Borgfeld Rd.- West 16" Oversized (12" Required) Water Main
 - SAWS Job No.: 07-3004
 - ±7,367 lf of 16" water main
 - Contract Duration: 180 days
 - Engineer's Opinion of Probable Cost: \$1,949,874.50
 - Project Contract will be administered as a three party Tri-Lateral Agreement
 - Liquidated Damages: \$400/day (may vary based on final bid amount)
 - Bid Opening Date: February 10, 2011 at 10:00 AM
 - Project Engineer: Pape-Dawson Engineers, Inc.
 - SAWS Contracting Officer: Marc Ripley
- T. Lehmann informed the attendees that the maximum percentages that could be bid for the Mobilization and Preparation of Right of Way line items are 10% and 5%, respectively
- T. Lehmann informed the attendees that technical questions regarding the project plans and specifications will be accepted until 10:00 AM, Friday, February 4, 2011 as specified

CONFERENCE MEMO

Borgfeld Rd -West 16" Oversize (12" Required) Water Main Project

Pre-Bid Meeting Minutes

February 3, 2011

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in the Bid Documents. All questions should be submitted in writing addressed to Marc Ripley at marc.ripley@saws.org or by fax at 233-4609.

- T. Lehmann informed the attendees that the project is located within a SAWS high-pressure zone and directed the attendees' attention to information provided in the Special Conditions located in the project Specifications.
- T. Lehmann directed attendees' attention to Special Conditions, Item SC20.0, regarding the purchase of water and informed everyone that water used in association with the Work would be considered a "no separate pay item" and it was the Contractor's responsibility to coordinate a source for water and to pay for water used. He also mentioned that Bexar Met Water District had existing water facilities in the area of the work.
- T. Lehmann noted that the project is located along the western portion of Borgfeld Rd between Old Blanco Road and Timberline Road.
- T. Lehmann stated that SAWS would be chlorinating the water line, but the Contractor was responsible for providing all the connection points necessary for chlorination per SAWS specifications.
- Contractor stated, on a project he was working on he had to pay Bexar Met around \$5,000 for water.
- T. Belt mentioned that the Contractors did not have to use Bexar Met, but could purchase and haul water from any source they desired, however, per Special Conditions, Item SC-20.0, the Contractor had to provide the Owner (SAWS) with a copy of all agreements for the purchase of water.
- Contractor discussion continued regarding availability of water and chlorination.
- T. Lehmann stated the water issue would be addressed as part of Addendum No. 1.
- Tom Belt (PD) noted to the attendees that there was no temporary easement for construction outside of the right-of-way and all work was to be done in the county's right-of-way. Due to this, the work area would be somewhat restricted and hauling of spoils, etc. may be necessary.
- T. Belt (PD) encouraged all contractors to personally visit the site in order to become familiar with the work area.
- T. Lehmann stated the Developer would be required to bond the project or provide a SAWS approved method of securing Developer funds, which should help with executing payments.
- A question was asked about having to provide GPS data as part of the record drawings.
- T. Belt referred to the General Construction Notes, plan sheet 2 of 18, note 22, A. GPS data was required and had to be collected prior to covering the pipe. The data was to be recorded daily, had to be submitted with the monthly pay estimate and must be in an AutoCad format.
- Additional discussion continued regarding this requirement and it was decided the issue would be addressed as part of Addendum No 1.

SAN ANTONIO WATER SYSTEM

NON-MANDATORY PRE-BID CONFERENCE

Borgfeld Road West, 16" Oversize (12" Required) Water Main Project

SAWS Job No. 07-3004

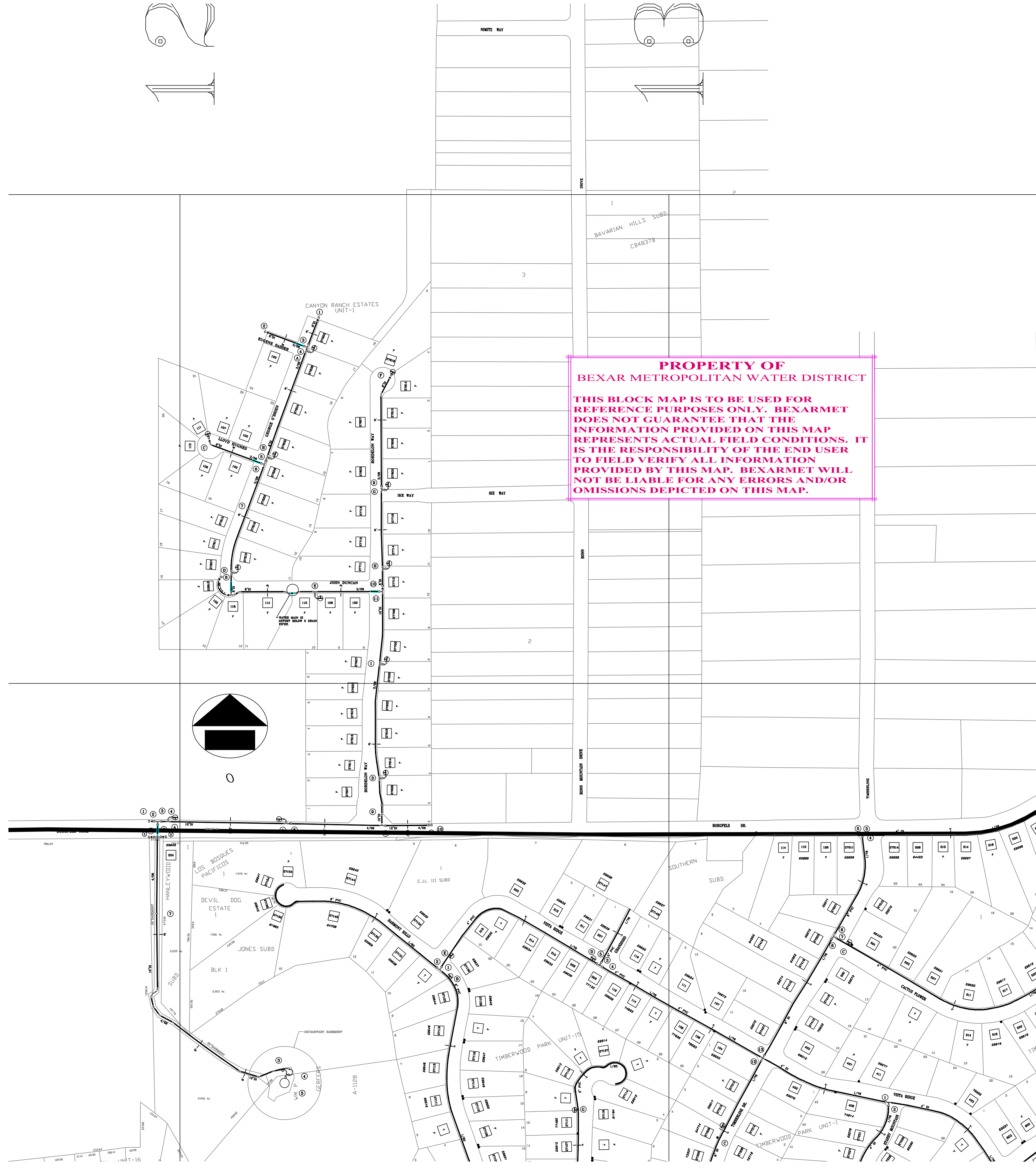
DATE: February 3, 2011

SIGN -IN

No.	NAME	COMPANY	PHONE
1	Tracey Lehmann, P.E.	SAWS	(210) 233-3492
2	ALAN CURRY	JC EVANS CO	210-559-6024 email: alanc@jcevans.com
3	JOHN DAVIDSON	Austin Eng Co Inc	512-632-2037
4	Paul Kella	Austin ENGR Co	512-327-1464
5	Kim Murphy	DNT Construction	210-490-6700
6	Larry L Bartek	BARTEK CONST CO	210-648-4780
7	Robert Rubio	PRO Mex Const.	830-598-2268
8	Adam Haekebas	United Rentals Trench Safety	210-862-4754
9	ARTURO RUBIO	PRO MEX CONST.	830-598-2268
10	CURT OSTRANDER	SJ LAUIS	210 740 9998
11	Bobby Haggroder	DuMor	210 684-7211
12	Tom Belt	Pape Dawson	210-375-9000
13	MARC RIPLEY	SAWS	20-233-3136
14	Trey Cristweidt	FERGUSON	(210) 363-7870
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