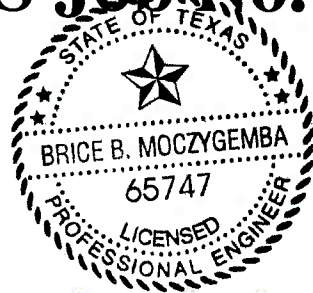


ADDENDUM NO. 3
to
PLANS and SPECIFICATIONS
for

Medina River Sewer Outfall, Segment 1
SAWS Job No. 10-2501



Brice Moczygemba
8/6/10

Issue Date: August 6, 2010

**SAN ANTONIO WATER SYSTEM
MEDINA RIVER SEWER OUTFALL, SEGMENT 1
SAWS PROJECT # 10-2501
ADDENDUM NO. 3**

August 6, 2010

This addendum, applicable to 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 Medina River Sewer Outfall, Segment 1 (SAWS Job No. 10-2501).

2.0 Project Site Visit

A. A non-mandatory project site visit will take place on August 10, 2010. The project site visit will allow the CONTRACTOR to view and visit the project site (no invasive work). No questions will be answered regarding the project during the project site visit. All parties interested in attending shall meet at the front entrance of the Dos Rios Wastewater Recycling Center, 3495 Valley Rd. San Antonio, TX 78221 at 9:00 am. The project site visit is intended to be a driving tour. Portions of the alignment are not accessible by driving. The CONTRACTOR will be permitted to walk into inaccessible areas at their own risk. The project site visit will end at 12:00 pm.

3.0 Clarifications

- A. The mandatory Pre-Bid Conference was held on July 27, 2010. Minutes from the meeting are attached and are considered part of this Addendum.
- B. The tunnel liner plate diameter shown in the Tunnel Liner Plate table on Drawing No. D-10, Sheet No. 54 is the neutral axis diameter of the tunnel liner plate.
- C. The limits of Select/Structural Fill for the Transition Box and Inverted Siphon Structures shall be as shown on Drawing S-02.
- D. Carboline "Plasite" 4500 system which includes the base coat 'Carbogard 510' and top coat 4500S has been approved for manhole and sanitary sewer structure coatings by SAWS standards committee. The Carboline product is now the third "epoxy" type coating along with 'Raven' and 'Spraywall' that is approved for manhole coating. All coatings are to be applied with a minimum thickness of 125 mils.

4.0 Specifications

A. Invitation to Bidders - Bids will not be accepted from any company not represented at the mandatory pre-bid meeting held on July 27, 2010 at 10:00 am. The following list is a record of the represented firms:

- J M Eagle

- Reytec Construction Resources, Inc.
 - Ledcor CMI Construction, Inc.
 - Pepper-Lawson
 - Ramirez Industrial
 - E. P. Brady, Ltd.
 - Hobas Pipe
 - KFW Surveying
 - John D. Stephens, Inc.
 - Holloman Corp.
 - S. J. Louis Construction
 - Garney Construction
 - Texas Sterling Construction Company
 - Benitez Construction, Inc.
 - Pipelayers, Inc.
 - Sundt Construction
 - Flowtite Pipe
 - Ace Pipe
 - Carboline Coatings
 - I. T. T. Water & Wastewater
 - Gajeske, Inc.
 - Morgan Contracting, Inc.
 - BRH-Garver Construction. L.P.
 - Super Excavators Inc.
 - J. C. Evans Construction
 - National Works
 - Rockdale Pipeline, Inc.
 - Future Pipe Industries (FPI)
 - LMI Construction, LLC
 - Lewis Contractors, Inc.
 - Wagner Construction, Inc.
 - Reynolds, Inc.
 - LFM – Fiberglass Manholes
 - Don Kelly Construction Inc.
 - Oscar Renda Contracting
 - SER Construction
 - Joe Bland Construction
- B. Special Conditions, Attachment B – Geotechnical Data Report, Paragraph 1.2 – First sentence delete “Segment “A” (STA 10+00 to STA 549+19), “B” (STA 549+19 to STA 738+64), “C” (STA 738+64 to STA 1466+53), “D-1” (STA 1+00 to STA 96+83), “D-2” (STA 1+00 to STA 60+00), and “F” (STA 1500+00 to STA 1722+00)” and replace with “Segment 1 (STA 11+25.00 to STA 306+14.19), Segment 2 (STA 306+14.19 to STA 600+13), Segment 3 (STA 600+13 to STA

- 1000+20), Segment 4 (STA 1000+20 to STA 1230+16.15, the 18-inch main STA 1+00 STA 60+15.15, and the 24-inch main STA 1+00 to STA 96+87), Segment 5 (STA 1230+16.15 to 1552+08.26), and Segment 6 (STA 1552+08.26 to STA 1722+00)”.
- C. Special Conditions, Attachment B – Geotechnical Data Report, Paragraph 1.2 – first paragraph last sentence delete “Segment D-1 and D-2” and replace with “The 24-inch main and the 18-inch main”.
 - D. Section SS804, Paragraph 2.01 – Add the following:
“J. Select/Structural Fill. Select/Structural fill shall conform to TxDOT, Item 247, Type A.”
 - E. Section SS804, Paragraph 3.08.C – In the first sentence, delete “95 percent” and replace with “98 percent”.
 - F. Section SS804, Paragraph 3.09 – Add the following:
“B. Flowable fill shall be required in confined areas where backfill compaction requirements can not be obtained.”
 - G. Section SS804, Paragraph 3.10.B.3 – In the second sentence, delete “95 percent (95%) and”.
 - H. Section SS856, Paragraph 1.01.C - Add the following item:
“9. Section 09900 – Painting”
 - I. F. Section 01025 – Delete the following sentence from Item No. 16, Remove and Replace Fencing, Paragraph 3: “Payment for fencing will be limited to 90% until the fencing is accepted by the OWNER at which time the remaining ten (10) % will be paid.”
 - J. Section 09900, Paragraph 3.07.A – Delete “Submerged Cast-in-Place or precast Concrete, walls, floors and ceilings where painting is specified:” and replace with “Interior Cast-in-Place or precast concrete walls and ceilings where painting is specified:”.
 - K. Section 09900, Paragraph 3.07.A. – Delete Paragraph 2 and replace with the following: “2. Coating shall conform to SAWS Specification Item No. 850.2.5.”
 - L. Section 09900, Paragraph 3.07.B – Delete paragraph.

5.0 Plans

- A. Drawing S-01 – Delete General Note 11.A.1 and replace with the following:
“1. Select/Structural fill shall conform to SS804, Paragraph 2.01.J”

- B. Drawing S-01 – In General Note 11.B.1, change “95%” to “98%”.
- C. Drawing S-02 – In Sections 1 and 2, change “95% Standard Proctor” for Compacted Subgrade and Select Fill to “98% Standard Proctor”.
- D. Drawing S-05 – In Section 3, change “95% Standard Proctor” for Compacted Subgrade and Select Fill to “98% Standard Proctor”.
- E. Drawing S-07 – In Section 3, change “95% Standard Proctor” for Compacted Subgrade and Select Fill to “98% Standard Proctor”.
- F. Drawing S-09 – In Section 3, change “95% Standard Proctor” for Compacted Subgrade and Select Fill to “98% Standard Proctor”.
- G. Drawing S-11 - In Sections 1 and 4, change “95% Standard Proctor” for Compacted Subgrade to “98% Standard Proctor”.
- H. Drawing S-11 – Delete Note 6 and replace with the following: “6. Material and Compaction requirements are specified in SS804.”

6.0 Pre-Bid Meeting Questions

Question: Railroad Flagmen are required for this project. This would require every GC to get these rates. It would be beneficial to everyone if the owner would provide these rates as a bid item. Will the owner provide these rates?

Answer: *Kathy Nesser, Contracts Manager for Union Pacific Railroad, indicated that the daily rate for railroad flagmen can range from \$800 to \$1000 per day. The cost for railroad flagmen shall be incidental to the construction cost for tunneling under the Union Pacific Railroad.*

Question: It is our understanding that flow-fill will be utilized as backfill at all manholes. Is this correct? If so please specify the limits of the flow-fill backfill.

Answer: *Flowable fill is required in confined areas where backfill compaction requirements can not be obtained such as small confined areas around manholes. Flowable fill would typically be required where the trench wall is vertical. Wherever the trench wall slopes back enough for compaction equipment to work around the manhole and obtain the required backfill compaction requirements would be the limit of the flowable fill. Areas where backfill compaction can be obtained, structural fill will be used as shown on Detail 2 on Drawing S-11. Contractor shall perform*

compaction tests in structural fill around manholes to verify compaction requirements are being obtained.

Question: Based on the limits of the specification for testing it is our understanding that there will be over 200 atterberg/gradation test and over 3000 compaction tests. Is the owner aware of the extent of the testing specified?

Answer: *Specification Section SS804, Paragraph 1.07 establishes Quality Control and Quality Assurance requirements, for Excavation, Trenching and Backfill. The owner is aware of the number of tests required and feels that it is necessary for a project of this magnitude.*

Question: If casing spacers are utilized at the open cut casing location will grout be required?

Answer: *The casing installed by open cut on Drawing No. C-12, Sheet No. 23 of the construction plans shall be grout filled with or without the use of casing spacers.*

Question: On several items a 10% hold back on payment is required. This would add up to 15% being held back. Is the owner aware that the GC will only be paid for 85% of these items?

Answer: *Item numbers 20, 21, 22, 23, 24 and 25 will be paid at 100% after the item has been successfully tested. The 90% requirement for item 16 shall be deleted as described in Section 3.B of this Addendum.*

Question: In regards to Measurement and Payment associated to the Dispute Review Board. It appears the contractor only gets reimbursed for 50% of this cost. With an allowance of \$30,000 the contractor would have to incur cost of \$60,000. The GC would have to account for a \$30,000 cost for this item. Is this correct?

Answer: *As described in Specification Section 01025, Measurement and Payment, the CONTRACTOR will only be paid for 50% of the cost for the disputes review board.*

Question: There will be a substantial amount of water used to reach the 98% compaction required. Has any consideration been given to the cost or source of this water? Can the Dos Rios effluent be made available as the source of water?

Answer: *Per General Condition 5.25, the CONTRACTOR shall make their own arrangements for water at their own expense. Recycled Water (effluent) from Dos Rios can be used by the CONTRACTOR as a source of water.*

The CONTRACTOR shall follow all SAWS requirements and pay the associated fees to use the recycled water. The CONTRACTOR may contact Pablo Martinez at 210-233-3673 for more information.

Question: Regarding the easements, are there any special provisions required by the property owners?

Answer: *All special provisions for property owners have been addressed in the Construction Plans and Specifications.*

Question: Regarding permits, is there a listing of the fees required for each permit?

Answer: *The fees for each type of permit are shown below and are based on fee information received from each regulatory agency. The fees shown below may not reflect the final fee required to obtain the permit and may be subject to change. The CONTRACTOR is required to verify and/or obtain their own permitting fees. The list may not be all inclusive.*

PERMIT/AUTHORIZATION/APPROVAL	AGENCY	FEE
TPDES - General permit Notice of Intent (NOI)	TCEQ	\$325
Storm Water Quality Site Development Permit	Bexar County	\$500
Flood Plain Development Permit	CoSA	N/A
Street Cut Permit	CoSA	\$30
Flood Plain Development Permit	Bexar County	\$50
Utility Installation Permit	Bexar County	\$35
Notice of Proposed Installation (utility)	TxDOT	N/A
TPDES - General permit Notice of Termination (NOT)	TCEQ	\$325

Question: Will fiberglass manhole risers be allowed in lieu of fiberglass riser pipe on the Tee Base Manholes?

Answer: *All substitutions, alternate materials, and approved equals will not be considered at this time but will be evaluated in the submittal phase after the contract has been awarded. The CONTRACTOR must use their own judgment when including an "equal" in their bid.*

Question: The specifications require that prior to pipe laying activities, the contractor install 500 LF of pipe at a location to be determined by the Owner, for inspection purposes. Will the location be in the same alignment as the proposed sewer line construction?

Answer: *SS804, Excavation, Trenching and Backfill, Paragraph 3.02 provides pre-installation inspection requirements. The OWNER will allow for the 500*

linear feet of pipe being inspected to be laid in a location along the sewer outfall alignment.

Question: As part of the bid package submittal the contractor is required to submit a Good Faith Effort Plan. Will the Department of Labor be enforcing and checking in the field?

Answer: *This project is a TWDB Tier II funded project, which does not require the completion of DBE forms. Therefore, the Department of Labor will not be monitoring this aspect of the project. However, SAWS will enforce and monitor all other aspects of this project for compliance with the contract. This will include monitoring the Good Faith Effort Plan. In addition, the contractor will be required to report actual payments to the sub-contractors/suppliers on a periodic basis, as determined by SAWS.*

Question: Will extended warranties be required for coatings? Will standard coating thickness' be allowed, or will they be required to be heavier and the warranties expanded?

Answer: *The requirements for coating warranties are established in specification section 09900, paragraph 1.08. SAWS standard requirements for coating thicknesses will apply to this project.*

Question: Is there an air by-pass line in Segment 6? Where/when can the supplier submit for an "equal" product clarification/approval?

Answer: *There is no air by-pass line in Segment 6. All substitutions, alternate materials, and approved equals will not be considered at this time but will be evaluated in the submittal phase after the contract has been awarded. The CONTRACTOR must use their own judgment when including an "equal" in their bid.*

Question: Will suppliers count toward SMWB percentages?

Answer: *Certified SMWB suppliers can be counted toward the SMWB goal for this project.*

Question: Bid Forms have sub-contractor and supplier forms to be completed. How does the contractor submit them without knowing which sub's can be used as an "equal"?

Answer: *All substitutions, alternate materials, and approved equals will not be considered at this time but will be evaluated in the submittal phase after the contract has been awarded. The CONTRACTOR must use their own judgment when listing an "equal" on the forms.*

Question: Will SAWS consider the sub-contractor list be submitted after the bid is awarded?

Answer: *SAWS will not consider submission of the SMWB sub-contractor/supplier list after the bid is awarded. Any changes to the Good Faith Effort Plan must be coordinated and approved by SAWS during the contract term.*

Question: Confirm that ASTM reference in Section 02731, Paragraph 2.01.B is correct, believe it may be a typographical error.

Answer: *The ASTM references in this section are correct.*

7.0 Post Pre-Bid Meeting Questions

Question: Where are the construction joint details for the structures?

Answer: *The construction joint details can be found on Drawing No. S-03, Sheet No. 39.*

Question: I would like to request that my company Future Pipe Industries be included as an approved supplier of FRP pipe for the Medina River Sewer Outfall Segments 1 & 6. I am including a list of projects we have done both in the US and also internationally. In 2007 we supplied 100 psi pipe to San Antonio for the Culebra San Antonio project. This project is included in the file of municipal projects. I have also included two projects done overseas which range up to 72" in diameter. We manufacture pipe up to 158" in diameter and are the largest manufacturer worldwide with 2009 sales of \$1 billion in shipments. Bureau Veritas has certified our strain corrosion tests, which is also included.

Answer: *All substitutions, alternate materials, and approved equals will not be considered at this time but will be evaluated in the submittal phase after the contract has been awarded. The CONTRACTOR must use their own judgment when including a substitute, alternate or "equal" in their bid.*

Question: Is HDPE pipe approved for this project? Could it be? There is a particular type of HDPE pipe that is termed "profile wall" which likely fits this application perfectly. It is made for low or no-pressure applications, which "outfalls" typically fit. If HDPE is not currently approved, could it be by the time the bids are due? It is possible that I can offer a lower-cost alternative than is currently specified. Please guide me.

Answer: *All substitutions, alternate materials, and approved equals will not be considered at this time but will be evaluated in the submittal phase after the contract has been awarded. The CONTRACTOR must use their own judgment when including a substitute, alternate or "equal" in their bid.*

Question: On these projects as far as the "Statement of Bidder's Experience" is concerned, under "Bidder's Project History", if we can not demonstrate experience to the same extent as required on the statement does that mean we can not be considered for the project?

Answer: *The CONTRACTOR must demonstrate that they possess the experience necessary to construct the project. The OWNER will evaluate the CONTRACTORS experience and qualifications when awarding the project.*

Question: No mention of a materials coating is mentioned in Section SS856. Will Black (bare) steel be accepted as an appropriate material coating for the liner plates?

Answer: *A reference to Specification Section 09900 has been added to Specification Section SS856 as described in 3.0.C of this addendum. Specification Section 09900, Painting, paragraph 3.07.C outlines the requirements for painting ferrous metals.*

Question: Is the 120" diameter of the tunnel the Inside Diameter of the tunnel, or would a 120" neutral axis diameter comply (approximate inside diameter 117")?

Answer: *The 120" diameter tunnel liner plate specified on Drawing D-10, Sheet No. 54 refers to the neutral axis diameter and is intended to be used for bidding only. The CONTRACTOR shall prepare a Tunneling plan and secure a professional engineer that is responsible for confirming or re-assessing the design of the primary liner system. See Specification Section SS856, Boring or Tunneling and the Primary Liner, Paragraph 1.03.C and 1.04 for the requirements that pertain to the tunneling plan and tunnel excavation and primary liner design criteria.*

Question: The bid proposal (BP) documents do not include the section where the FRP pipe manufacturers are listed and the bidder is required to circle the name of the manufacturer of the FRP pipe which he proposes to furnish. Is there an exception to this project as to why the FRP pipe manufacturer selection section is not included in the bid proposal (BP) documents?

Answer: *The CONTRACTOR shall select a FRP pipe manufacturer that meets the requirements of the contract documents. The CONTRACTOR shall also list all subcontractors/suppliers that will be utilized on this project/contract in the Good Faith Effort Plan.*

Question: The pipe trench detail D-08-E notes that the gravel subgrade filter and fabric will be installed as necessary as determined in the field by the

inspector, but the measurement and payment for the pipe items state that we are to include the cost of this in our pipe. If it is going to be determined in the field can a pay item be added for this as additional work or can specific areas that this may be necessary be identified so that we can included the appropriate amount in our bid?

Answer: No additional pay item will be added for such work. Currently, there are not any know, unstable areas where the gravel sub-grade filler/filter fabric are needed. If unstable areas are discovered during construction, the cost will be incidental to bid Items No. 4 and 5. The CONTRACTOR must use their own judgment when estimating of the amount of material and work required.

Question: Please confirm that the initial backfill to 1' over the top of all FRP pipe is to be gravel in accordance with SAWS Spec 804.4.

Answer: Supplemental Specification SS804, Excavation, Trenching, and Backfill, paragraph 2.01.C is correct.

Question: Will the contractor be required to test in accordance with DD-802-02 where one test is required per 12" lift every 400 linear feet? This will be a very large amount of test results, is this correct?

Answer: Specification Section SS804, Paragraph 1.07 establishes Quality Control and Quality Assurance requirements, for Excavation, Trenching and Backfill. The owner is aware of the number of tests required and feels that it is necessary for a project of this magnitude.

Question: Can the contractor and the owner utilize one field office that has the required space for the owner in addition to the contractor's space? If not, can the contractor's field office be located in the same area designated in the specs for the owners office?

Answer: The CONTRACTOR is required to provide a separate facility for the OWNER in accordance with project specification section 01500, Construction Facilities and Temporary Controls, paragraph 1.08.C. The Contractor's field office can be located in the same vicinity as the OWNERS and the exact location shall be coordinated with the OWNER.

Question: I would like to call your attention to the specifications for coatings on your project requiring 40 (only) mils of an epoxy where your standard requires 125 mils for new structures and manholes. I have to believe that these specifications have slipped through the approval process and should be revisited. We are the Manufacturer of an approved 850 and 852 coating, SewperCoat, and feel that the approval process should follow what your internal standards committee has agreed upon.

Addendum No. 3
Medina River Sewer Outfall, Segment 1
Saws Project # 10-2501
August 6, 2010

Secondly, we would like to have you reconsider the usage of concrete manholes coated with our SAWS approved 10 year warranted Sewpercoat in addition to the fiberglass manholes.

Answer: For coatings, the schedule for concrete structures in Section 09900 has been deleted. SAWS coating requirements in Item Numbers 850 and 852 will govern.

For coated, concrete manholes in lieu of fiberglass manholes, all substitutions, alternate materials, and approved equals will not be considered at this time but will be evaluated in the submittal phase after the contract has been awarded. The CONTRACTOR must use their own judgment when including a substitute, alternate or "equal" in their bid.

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Medina River Sewer Outfall, Segment 1
Saws Project # 10-2501
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ACKNOWLEDGEMENT BY BIDDER

Each bidder is requested to acknowledge receipt of this Addendum No. 3 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. 3 along with the bid submitted herewith is in accordance with the information and stipulations set forth.

Date

Signature

END OF ADDENDUM NO. 3

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LAND DEVELOPMENT ENVIRONMENTAL TRANSPORTATION WATER RESOURCES SURVEYING

PROJECT: San Antonio Water System DATE: 07/29/10
Medina River Sewer Outfall
Segment 1 Project
SAWS Job No. 10-2501

CONFERENCE LOCATION: SAWS – Tower II – 1st Floor CONFERENCE DATE: 07/27/10
Conf. Room CR-C137 DATE: 10:00 a.m.

PURPOSE OF MEETING: Mandatory Pre-Bid Meeting

ATTENDEES: See Attached Sign In Sheet for Attendees

FROM: David M. Evans PROJECT NO.: 6866-00 (2.6)

CC:

DISCUSSION:

Introduction

- Patrick O'Connor introduced himself as the San Antonio Water System (SAWS) Project Manager for this project, along with Diana W. Dwyer (SAWS Contract Administration Division), Jerry Berry, Joseph Ortega, Justin Lieck and David Evans (all with Pape-Dawson Engineers, Inc., the Design Consultant on the project)
- Patrick indicated that since this was a mandatory Pre-Bid meeting, he requested that all in attendance be sure to sign the "sign-in" sheet that was being circulated, in order to be allowed to submit a Bid, per the *Invitation to Bidders*.
- Patrick then turned the meeting over to Diana to discuss the requirements of the bidding process.

Bidding Process

- Diana reported that sealed bids will be received by SAWS Contract Administration Division, per the *Invitation to Bidders* until 10:00 a.m., August 13, 2010.
- All technical questions, questions regarding this solicitation, or any additional information, should be submitted in writing via email or by fax to Diana W. Dwyer, Contract Administration, no later than 4:00 p.m. (CST) on July 29, 2010. Answers to the questions will be posted to the web site on August 6, 2010 as a separate document or included as part of an Addendum.
- This project has an estimated cost of \$28,489,967.00, and is a 540 calendar day contract.
- Addendum No. 1 of the project was issued on July 23, 2010.

CONFERENCE MEMO

San Antonio Water System

Medina River Sewer Outfall – Segment 1 Project; SAWS Job No. 10-2501

Mandatory Pre-Bid Meeting

July, 29, 2010

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- Diana reviewed the mandatory items to be submitted with the Bid Packet, which are shown on the ***Bid Proposal Checklist*** in the bidding documents, and attached.
- Mobilization for this project will be shown as a percentage (%) as well as the dollar amount on the Bid Proposal form.
- Wage and Hour classifications, as well as payment to subcontractors will be monitored on this project by SAWS. The current prevailing wage rates are included in the bidding documents and should be used unless a revised listing is made available prior to the bid opening via Addendum. If the prevailing wage rates should change after the bid opening, those included in the specifications (or addendum) will remain.
- Diana also reported that SAWS intends to use the *LCP Tracker* computer software to monitor payroll information on this project, although this software is not available at this time. Information on this software and its programs will be furnished to the bidders, by addendum.
- A sample Insurance Certificate or a letter from the insurance company providing coverage should be submitted with the contractor's bid package.
- Liquidated Damages on this project will be \$2,808.00 per day.
- Diana asked if there were any questions about the Bidding Process at this time. There were none.
- Diana turned the meeting over to Jerry Berry to provide details of the project.

Program Overview

- 32 miles of sanitary sewer pipeline from the Dos Rios Water Recycling Center, westerly to southwest San Antonio, in the vicinity of US Hwy 90 and Montgomery Road (and extension of Hwy 211), south of US Hwy 90.
- Proposed alignment is north of the Medina River.
- Overall project is being bid in six (6) segments.

Segment 1 Overview

- Segment 1 limits begin at the Dos Rios WRC, and traverse westerly to just beyond Pleasanton Road, on the Toyota property.
- Approximately 6,150 LF of dual sixty-six inch (66") diameter fiberglass sanitary sewer pipe, at the beginning of the project (Dos Rios).
- Approximately 25,160 LF of ninety-six inch (96") diameter fiberglass sanitary sewer pipe in the remainder of the project.
- Approximately 960 LF of bores under roadways and railroad.
- One (1) Transition Structure from the 96" diameter pipe to the dual 66" pipes.
- One (1) three barrel (30"/60"/60") siphon with 36" Air Jumper.

Easement Status

- One (1) easement has been signed and remains to be recorded.

CONFERENCE MEMO

San Antonio Water System

Medina River Sewer Outfall – Segment 1 Project; SAWS Job No. 10-2501

Mandatory Pre-Bid Meeting

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- Easement on the Toyota property in negotiations, and anticipate being recorded by time of Contract Award.
- All other easements obtained/recorded.

Construction Management Team

- Pape-Dawson Engineers will be providing Construction Management services on the project.
- Jerry will be the Construction Manager for the project. Jerry introduced Joe Molina, of Pape-Dawson Engineers, who will be the Project Manager on the project. There will also be a Construction Observer for each project.
- SAWS Inspectors will also be checking in on the project.

Other Projects

- Dos Rios Headworks Improvements
 - Bid Opening – December 2010
 - Construction Start – February 2011
 - Complete Influent Chamber – October 2011
 - Construction Complete – August 2012
- Leon Creek Interconnect Sewer Main
 - Design just starting.
- Medina River Sewer Outfall - Segment 2
 - Bid Opening in January 2011

Addendum No. 1

- Issued July 23, 2010.
- Added Storm Water Pollution Prevention Plan (TPDES) document.
- Added Special Conditions, Attachment B - the Geotechnical Data Report (GDR) for the tunnels.
- Added Special Conditions, Attachment C - the Geotechnical Baseline Report (GBR) for tunnels.
- Responded to a question received about the Separate Document Section regarding reference specifications.

Permits

- Special Condition 3 (shown on Sheet SC-1) requires Contractor to obtain all necessary permits and pay all associated fees in obtaining the permits.
- The City of San Antonio (CoSA) Tree Permit has been conditionally approved. The CoSA Tree Arborist has asked to attend the Pre-Construction Meeting.

CONFERENCE MEMO

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- Status of remaining permits –
 - TPDES (NOI, etc.) are included in Addendum No. 1
 - CoSA Floodplain Development Permits – Have been preliminary reviewed by CoSA and await formal submittal request for the permit by the contractor.
 - Bexar County Floodplain Development Permits – Have been preliminary reviewed by BCDPW and await formal submittal request for the permit by the contractor.
 - Roadway crossing permits – have been preliminary reviewed by both CoSA and BCDPW and await formal submittal request for the permit by the contractor.
 - TxDOT (FM 1937 & US Hwy 281) – have been preliminary reviewed by TxDOT and await formal submittal request by the contractor.
 - Union Pacific Railroad (UPRR) – have been preliminary reviewed by UPRR and await formal submittal request by the contractor.
 - Pape-Dawson will assist the contractor in coordinating with the agencies to obtain the remaining permits.

General Requirements

- Work Area Limit
 - Section 01010, Paragraph 1.06.A defines the contractor's work area limits.
 - Contractor shall be confined to the easement limits.
 - Contractor will be issued a warning one (1) time if found to be working outside of the easement limits. Contractor will be required to install fence on easement limits if work outside of easement limits is performed after the first warning is issued.
 - Contractor to provide copies of any agreements outside of the easement areas with the landowners to the Construction Manager and SAWS.
- Toyota Requirements
 - Section 01010, Paragraph 1.07 and Appendix A shows that requires that the contractor will be required to comply with while on Toyota property.
 - Access for the MRSO construction, on the Toyota property, will be via a gate north of the proposed sewer line construction on Pleasanton Road.
 - All contractor personnel will be required to attend a Toyota Site Safety Orientation Class.
- Survey
 - Section 01050 defines contractor's responsibilities for surveying on the project.
 - A Registered Professional Land Surveyor is required.
 - Control points have been provided along the proposed pipeline alignment. The contractor is responsible for all of his survey control to construct the project.
 - The contractor will be required to submit a report to Pape-Dawson that he verified the primary control points, and secondary control point set by the contractor's surveyor.

CONFERENCE MEMO

San Antonio Water System

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- Disputes Review Board & Escrow Bid Documents
 - Sections 01120 and 01130 define the Disputes Review Board and Escrow Bid Documents, respectively.
 - The Disputes Review Board consists of three (3) members. One selected by SAWS, one selected by the Contractor, and one selected by the two members selected by SAWS and the Contractor.
 - Escrow Documents shall be submitted three (3) days after the bid opening.

- QC/QA Testing
 - Section 01400 and individual specification sections define various QC/QA testing requirements.
 - Contractor provides Quality Control (QC) testing.
 - SAWS provides Quality Assurance (QA) testing.

- Field Offices
 - Contractor
 - Section 01500, Paragraph 1.02 defines the requirements for the Contractor's Field Office and Temporary Construction Facilities.
 - Space is available, and permitted, at SAWS Dos Rios WRC or Leon Creek WRC.
 - Owner
 - Section 01500, Paragraph 1.08 defines the requirements for the Owner's Field Office.
 - The Owner's Field Office shall be located at SAWS Leon Creek WRC.

- Digital As Builts
 - Section 01720 defines the requirements of the Contractor to furnish Project Record Documents (As-Builts).
 - SAWS will be using a new system to develop Project Record Documents on this project. The use of a Records Document Application (RDA) will be utilized on this project.
 - Digital drawings will be required on a monthly basis.
 - Contractor to provide actual survey data after installation.
 - File requirements are provided in the referenced specification section.

Technical Requirements

- Specifications
 - SAWS Standard Specifications govern. See Special Conditions SC-5.0 (sheet SC-1) for web site locations.
 - Supplementary Specification Sections amend those specifications.

CONFERENCE MEMO

San Antonio Water System

Medina River Sewer Outfall – Segment 1 Project; SAWS Job No. 10-2501

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- Stop Logs
 - Section 15113 defines the requirements of Stop Log Frames
 - Contractor is only to provide Frames.
 - Stop Logs are owned by SAWS and are stored at the Dos Rios WRC.

Jerry asked if there were any questions from those in attendance. The following questions were presented:

1. Railroad Flagmen are required for this project. This would require every General Contractor (GC) to get these rates. It would be beneficial to everyone if the owner would provide these rates as a bid item. Will the owner provide these rates?
2. It is our understanding that flow-fill will be utilized as backfill at all manholes. Is this correct? If so please specify the limits of the flow-fill backfill.
3. Based on the limits of the specification for testing it is our understanding that there will be over 200 Atterberg/gradation tests and over 3000 compaction tests. Is the owner aware of the extent of the testing specified?
4. If casing spacers are utilized at the open cut casing location, will grout be required?
5. On several items, a 10% hold back on payment is required. This would add up to 15% being held back. Is the owner aware that the GC will only be paid for 85% of these items?
6. In regards to Measurement and Payment associated to the Dispute Review Board. It appears the contractor only gets reimbursed for 50% of this cost. With an allowance of \$30,000 the contractor would have to incur cost of \$60,000. The GC would have to account for a \$30,000 cost for this item. Is this correct?
7. There will be a substantial amount of water used to reach the 98% compaction required. Has any consideration been given to the cost or source of this water? Can the Dos Rios effluent be made available as the source of water?
8. Regarding the easements, are there any special provisions required by the property owners?
9. Regarding permits, is there a listing of the fees required for each permit?
10. Will fiberglass manhole risers be allowed in lieu of fiberglass riser pipe on the Tee Base Manholes?
11. The specifications require that prior to pipe laying activities, the contractor install 500 LF of pipe at a location to be determined by the Owner, for inspection purposes. Will the location be in the same alignment as the proposed sewer line construction?
12. As part of the bid package submittal the contractor is required to submit a Good Faith Effort Plan. Will the Department of Labor be enforcing and checking in the field?
13. Will extended warranties be required for coatings? Will standard coating thickness be allowed, or will they be required to be heavier and the warranties expanded?
14. Is there an air by-pass line in Segment 6? Where/when can the supplier submit for an "equal" product clarification/approval?

CONFERENCE MEMO

San Antonio Water System

Medina River Sewer Outfall – Segment 1 Project; SAWS Job No. 10-2501

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15. Will suppliers count toward SMWB percentages?
16. Bid Forms have sub-contractor and supplier forms to be completed. How does the contractor submit them without knowing which sub's can be used as an "equal"?
17. Will SAWS consider the sub-contractor list be submitted after the bid is awarded?
18. Confirm that ASTM reference in Section 02731, Paragraph 2.01.B is correct; believe it may be a typographical error.

Diana again reminded everyone that all questions, even those asked during today's meeting should be sent in writing to her attention no later than 4:00 p.m. on July 29, 2010.

As per the *Invitation to Bidders*, the following companies were in attendance at the Mandatory Pre-Bid Meeting and will be allowed to bid the project:

- J M Eagle
- Reytec Construction Resources, Inc.
- Leducor CMI Construction, Inc.
- Pepper-Lawson
- Ramirez Industrial
- E. P. Brady, Ltd.
- Hobas Pipe
- KFW Surveying
- John D. Stephens, Inc.
- Holloman Corp.
- S. J. Louis Construction
- Garney Construction
- Texas Sterling Construction Company
- Benitez Construction, Inc.
- Pipelayers, Inc.
- Sundt Construction
- Flowtite Pipe
- Ace Pipe
- Carboline Coatings
- I. T. T. Water & Wastewater
- Gajeske, Inc.
- Morgan Contracting, Inc.
- BRH-Garver Construction. L.P.
- Super Excavators Inc.
- J. C. Evans Construction
- National Works
- Rockdale Pipeline, Inc.
- Future Pipe Industries (FPI)
- LMI Construction, LLC

CONFERENCE MEMO

San Antonio Water System

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- Lewis Contractors, Inc.
- Wagner Construction, Inc.
- Reynolds, Inc.
- LFM – Fiberglass Manholes
- Don Kelly Construction Inc.
- Oscar Renda Contracting
- SER Construction
- Joe Bland Construction

The "Minutes of the Meeting" outlined herein reflect Pape-Dawson Engineers' understanding of what was discussed and presented at this meeting. The minutes will stand for the record unless comments are received in writing within (3) days of the date of these minutes.

END OF MEMO

Attachments:

1. Attendance List
2. Bid Proposal Checklist

P:\68\66\00\02.0) Project Management\2.6) Meetings\100727 Segment 1 Pre-Bid Meeting\100727a1.doc

**SAN ANTONIO WATER SYSTEM
MEDINA RIVER SEWER OUTFALL
Segment 1 Project; SAWS Job No. 10-2501
Solicitation No. B-10-033-DD**

July 27, 2010; 10:00 am

SAWS Tower II, 1st Floor Conference Room; CR-137

Purpose: Mandatory Pre-Bid Meeting

NAME	COMPANY	PHONE#	FAX	EMAIL
Jerry Berry	Pape-Dawson	(210) 375-9000	(210) 375-9010	jberry@pape-dawson.com
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Joe Molina	Pape-Dawson	(210) 375-9000	(210) 375-9010	jomolina@pape-dawson.com
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Brian Peebles	Pepper-Lawson	866-536-7992	866-265-6220	waterworks.bids@pepperlawson.com
Rachel Vela	Ramirez Industrial	810-614-4193	810-614-4405	ramirez@ramirezindustrialcorp.com
Matt Covan	E.P. Brady Ltd.	713-681-0923	713-681-5423	matt@epbradyld.com

NAME	COMPANY	PHONE#	FAX	EMAIL
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Rob Schumtross	Holloman	210 647 9925	9968	Robk@schumtross.com
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Gary Gartner	Morgan Controls	763.688.0493	763.420.0080	ggartner@morgani.com
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NAME	COMPANY	PHONE#	FAX	EMAIL
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Ronnie Lewis	Lewis Contractors	"	"	Ronnie@lewiscontractors.com
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Will Johnson	Oscar Renda Contracting	817-491-2703	817-491-4463	wjohnson@oscarrenda.com
Andrew Rutliff	SER Construction	713 473 7900	713 473 7919	andrew@serconstruction.net
Joe Bland	Joe Bland Const.	512 821 2808	512 824 2805	jbland@joeblandconstruction.com
John Fenner	Joe Bland Const	512-801-2808	512-801-2805	JFenner@JOEBLANDCONSTRUCTION.COM

BID PROPOSAL CHECKLIST:
Medina River Sewer Outfall – Segment 1 Project
SAWS Job No. 10-2501
Solicitation No. B-10-033-DD

Mandatory items to be submitted with the Bid Packet for the above-referenced project:

- Bid proposal
- Proposal Certification
- Bid Bond (s)
- Signed page(s) of Addendum(s)
- Good Faith Effort Plan
- Conflict of Interest Questionnaire (Form CIQ)
- Letter of Insurance Verification and/or sample Certificate of Insurance verifying insurance coverage
- Bidder's Certifications (WRD-255)
- Vendor Compliance with Reciprocity on Non-Resident Bidders (WRD-259)
- Financial Statement prepared within the last twelve (12) months by an independent Certified Public Accountant (Instructions to Bidders, page B-7)
- Company Information *Packet* (Instructions to Bidders, page B-7)
- Statement Regarding Ability to Complete Project (Instructions to Bidders, page B-7)
- Statement of Bidder's Experience (Attachment A)/Record of Performance on three (3) similar projects in the last five (5) years (Instructions to Bidders, page B-7)
- Attachment D – Geotechnical Data Report and Geotechnical Baseline Report Acknowledgement Form
- Attachment E – Escrow Bid Documents Acknowledgement Form

Items to be submitted with Awarded Contract:

1. Contractor's Act of Assurance (TWDB Form ED-103)
2. Contractor's Resolution (TWDB Form ED-104)