

**MATTHEWS INDUSTRIAL PARK
SANITARY SEWER COLLECTION SYSTEM and
RE-USE LINE**

**Request For Bid No. FY15-0401
March 12, 2015**

ADDENDUM #2

The following items shall take precedence over the drawings and specifications for the above named project and shall become a part of the contract documents. Where any item called for in the specifications, or indicated on the drawings, is not supplemented hereby, the original requirements shall remain in effect. Where any original item is amended, voided, or superseded hereby, the provisions of such item not specifically amended, voided or superseded shall remain in effect.

General

<u>Item No.</u>	<u>Description</u>
1.	Attached is a copy of Addendum #1 released by Orangeburg County on their procurement webpage.
2.	Attached is a copy of the official Mandatory Pre-Bid Sign-In Sheet for the MATTHEWS INDUSTRIAL PARK SANITARY SEWER COLLECTION SYSTEM AND RE-USE LINE.
3.	Attached is a copy of the agenda used for the Mandatory Pre-Bid.
4.	There are no restrictions on work schedules.
5.	For the 12" C900 Re-Use line the contractor shall use the "PWPurple Plus" product as manufactured by JM Eagle or approved equal.
6.	Attached is an updated "BID SCHEDULE- GRAVITY LINE" which reflects a line item for POND DRAW DOWN. This revised Bid Schedule shall replace the Bid Schedule found in the original specifications

Questions/Answers

1. The plans show the permanent easement. How much construction easement is there outside of the permanent easement?

Answer: There is no construction easement for the project as the entire project is located on Orangeburg County property. The Permanent Easement will be recorded at the end of the project based upon record drawing information. The contractor shall stay outside of the SCDOT R/W.

2. The power lines and guy wires are not shown on the plans from approx. MH A 11 to the water tank. Are they located within the permanent easement?

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Answer: We are having the power poles and guy wires located. These will be reflected on a revised set of plans to be issued to the contractor awarded the project. Adjustments in the line will be addressed as part of the unit prices in the bid if needed.

3. There is standing water in the bay between MH a 15 – MH A 18. Will it be the contractors responsibility to pump this area? If so, where can it be discharged?

Answer: It will be the contractor's responsibility to pump this area as needed to promote construction. The water can be pumped back onto the industrial park property and away from the SCDOT R/W and adjoining property. The "BID SCHEDULE-GRAVITY LINE" has been revised which reflects a line item for POND DRAW DOWN (item #10).

4. Is the existing RU line, fittings, and valve restrained prior to the tie-in point? If not, can the line be taken out of service for the tie-in or will restraint need to be installed on the existing line?

Answer: We do not know if the items mentioned are restrained. See "Enlargement 1/C-8" for connection sequence.

5. Will joint restraints be required for the re-use line at fittings and valves? If so, please specify type and quantity.

Answer: The Re-Use line will have megalug restrained joints (Series 2000PV) where indicated on the plans.

6. We could not find what type of material that will be required for the directional drill on the re-use line? Please specify.

Answer: Polyethylene (HDPE) or fusible PVC. Submit product data for approval.

7. Please clarify the depth that SDR 35 and SDR 26 changes. If we heard correctly, it was stated at 16 feet of depth in the pre-bid and shown at 20 feet deep on sheet c-2 of the plans.

Answer: SDR 35 less than 20' cover. SDR 26 equal to or greater than 20'. See Sheet C-2.

END OF ADDENDUM #2

Addendum 1

Request for Proposal FY15-0401 Mathew Park Sanitary Sewer Project

Addendum No. 1 (herein referred to as "Addendum")

This Addendum revises the above-described procurement, and is hereby incorporated and made a part of the above-described procurement as if the Addendum had been included in the original procurement documents. Addendum posted on website at www.orangburgcounty.org-Procurement.

This addendum is as follows: Corrections to Bid Document

1. Questions for Bid FY15-0401 are to be submitted by Friday, 12:00 noon March 27, 2015.
2. Addendums will be posted by Monday, March 30, 2015.
3. Bids are due Wednesday April 1, 2015 at 2:00 P.M. 3rd Floor Training Room, County Administration Center, Orangeburg, S. C. 29116

Please acknowledge receipt of this addendum in your proposal/bid package Addendum Sheet

MATTHEWS INDUSTRIAL PARK SEWER COLLECTION and RE-USE LINE

Orangeburg County, S.C.

**Mandatory Pre-Bid
Sign-In Sheet**

March 24, 2015

2:00 P.M.

COMPANY NAME	REPRESENTATIVE	PHONE	EMAIL
Ruby Collins Inc.	Bradley King	770-432-2900	bKing@ruby-collins.com
MJL, Inc.	Jerry Coker	843-709-0109	
MJL, Inc.	Bubba McCoy	843-761-2007	b.mccoy@mjlmcsc.com
GH Smith Const	Gerald H. Smith	803-781-5460	GHSmithConst@.com
B&B Construction	Lisa Burns	803-775-6408	BBCONSTRUCTION@SC.RR.COM
Palmetto Site Prep	Eddie Wolfe	803-536-3143	devans@palmettositeprep.com
Babcock Construction, LLC	Jackson Babcock	803-600-6861	Babcockconst@bellsouth.net
McClam & Associates, Inc.	Jesse McClam	803-345-9194	JesseMcClam@gmail.com
MOORHEAD Construction	Mike Smith	864-338-0888	KMoorhead@moorheadconstruction.com
Richardson Const. Co.	Miner Jones	803-786-9741	jbrock@richdirt.com
Barwick Plumbing Co.	Chad Wilsey	803-452-5755	chadwilsey@barwickplumbingco.com

Bruce Todd, PE, LEED AP
R.B. Todd Consulting Engineers
(803) 798-3141
(803) 798-3142
bruce@rbtodd.com



Mandatory Pre-Bid Meeting Agenda

Matthews Industrial Park Sewer Collection and Re-Use Line

March 24, 2015

1. Plans/Specs available for \$150.00. Non-refundable
2. Bid Opening is at 2:00 P.M. Tuesday April 1, 2015 at the Orangeburg County Administrative Center.
3. Overview of project.

General clearing and grading for installation of gravity sewer line and re-use line.
Minimal pavement cut, patch and overlay for installation of sewer line and re-use line.

Installation of:

- o 2844 LF of 12" gravity sewer,
- o 1569 LF of 15" gravity sewer,
- o 2477 LF of 18" gravity sewer
Gravity sewer can be PVC or HDPE (SaniTite) at contractor's option.
- o 23 manholes
- o 4138 LF of 12" C900 Re-Use Line and associated valves and appurtenances.

a. Gravity collection line.

- i. Alignment
- ii. Pipe sizes
- iii. Material types
- iv. Slopes
- v. Permits

b. Re-Use Line

- i. Alignment
- ii. Pipe size (color)
- iii. Directional Bore
- iv. Permits

4. Bid form and options for bidding gravity and re-use line.

5. Bid bond required for 5% of bid amount. Bid is good for 60 days.
6. Be sure to read through and all of the front end documents for insurance, bonds, and special requirements.
7. A site visit is required by the bidder but a formal visit has not been scheduled.
8. Questions for an addendum must be submitted on or before March 27th at 2:00 PM. By email to bruce@rbtodd.com and copy Jannella Shuler at jshuler@orangeburgcounty.org
 - a. An addendum will be issued by noon on March 30, 2015.
9. Contractor needs to obtain all permits before construction which will be issued by RB Todd Consulting Engineers, Inc.
10. Construction schedule will be 90 days.
 - a. Liquidated damages are \$250.00/day
11. A construction schedule must be submitted on a bar chart.
12. A pre-construction conference must be held prior to beginning work. Coordinate with engineer.
13. All submittals must be sent to the engineer for approval by email to bruce@rbtodd.com
14. Contractor to submit electronic copies of record drawings and pressure tests/leakage tests at completion of project as per specifications.
 - a. All pipe invert elevations, length of pipe and gradient between cleanouts including pipe size and material.
 - b. Sufficient data to determine and reproduce at the site, locations of all mains, service lines, and other appurtenances. Location data shall be referenced from two stable physical features or monuments. Also provide locations of improvements in State Plane Coordinate table form. Provide pipe sizes, materials and lengths between fittings.

BID SCHEDULE – GRAVITY LINE

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>EST. QUANT.</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
1.	12" GRAVITY SEWER*			
	A. 10.00 – 11.99 FT	1929.87	LF	_____
	B. 12.00 – 13.99 FT	610.94	LF	_____
2.	15" GRAVITY SEWER*			
	A. 14.00 – 15.99 FT	369.67	LF	_____
	B. 16.00 – 17.99 FT	400	LF	_____
	C. 18.00 – 19.99 FT	800	LF	_____
3.	18" GRAVITY SEWER*			
	A. 12.00 – 13.99 FT	269.37	LF	_____
	B. 14.00 – 15.99 FT	623.76	LF	_____
	C. 16.00 – 17.99 FT	454.54	LF	_____
	D. 18.00 – 19.99 FT	367.11	LF	_____
	E. 20.00 – 21.99 FT	657.63	LF	_____
	F. 22.00 – 23.99 FT	104.83	LF	_____
4.	4' DIA. PRE CAST MANHOLES			
	A. 8.00 – 9.99 FT	2	EA	_____
	B. 10.00 – 11.99 FT	2	EA	_____
	C. 12.00 – 13.99 FT	4	EA	_____
	D. 14.00 – 15.99 FT	5	EA	_____
	E. 16.00 – 17.99 FT	3	EA	_____
	F. 18.00 – 19.99 FT	3	EA	_____
	G. 20.00 – 21.99 FT	2	LF	_____
	H. 22.00 – 23.99 FT	2	LF	_____
5.	TIE IN WITH EXISTING MH	1	EA	_____
6.	ASPHALT CUT & PATCH	145	SY	_____
7.	REPAIR GRAVEL DRIVE	1	LS	_____
8.	GRASSING	3.15	AC	_____

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9.	TRENCH DEWATERING	1	LS	_____	_____
10.	POND DRAW DOWN	1	LS	_____	_____
11.	FENCE REMOVAL AND REPLACEMENT	1	LS	_____	_____
12.	UTILITY COORDINATION	1	LS	_____	_____
13.	COMPACTION TESTING	1	LS	_____	_____
14.	RECORD DRAWINGS/VIDEO INSPECTION AND TESTING	1	LS	_____	_____
15.	MOBILIZATION & DEMOBILIZATION	1	EA	_____	_____
16.	ALLOWANCE	1	EA	1	\$30,000.00

TOTAL OF BID \$ _____
 (TURNKEY INSTALLATION OF GRAVITY SYSTEM)

*The contractor proposes to use the following pipe material for the entire gravity sewer portion of the project _____