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LETTER OF TRANSMITTAL

To: Plan Holders
From: Katy Turney for Bob Huguenard
Date: October 30, 2017
Re: City of Franklin, Tennessee
Franklin WRF Modifications & Expansion Project - COF Contract No. 2017-0264
Addendum No. 3

WE ARE SENDING YOU:

☒ Attached ☐ Under Separate Cover
☐ Shop Drawings ☐ Prints
☐ Copy of Letter ☐ Change Order
☐ Plans ☐ Preliminary Drawings ☒ Other:

COPIES	DATE	DESCRIPTION
1	10/30/17	Addendum No. 3

THESE ARE TRANSMITTED as checked below:

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☐ For Review and Comment
☒ For Bids Due

COMMENTS:

Enclosed please find Addendum No. 3 for the above referenced project.

Kindly acknowledge your receipt of this Addendum by e-mailing or faxing the attached Confirmation of Receipt form to the attention of Ms. Katy Turney (turneyk@cdmsmith.com, fax 615-320-6560).

Distribution: Project File (14915-96594-WRF)

**CITY OF FRANKLIN, TENNESSEE
FRANKLIN WRF MODIFICATIONS & EXPANSION PROJECT
COF CONTRACT NO. 2017-0264 / CDM SMITH PROJECT NO. 14915-96594-WRF**

CONFIRMATION OF RECEIPT OF ADDENDUM NO. 3

This is to confirm that I have received Addendum No. 3, issued on October 30, 2017, for the City of Franklin, Tennessee – Franklin WRF Modifications & Expansion Project.

Recipient's Name: _____
(Print)

Recipient's Signature: _____

Company: _____

Date: _____

Please e-mail or fax this completed Confirmation of Receipt form to Ms. Katy Turney at CDM Smith (turneyk@cdmsmith.com, fax 615-320-6560).

**CITY OF FRANKLIN, TENNESSEE
FRANKLIN WRF MODIFICATIONS & EXPANSION PROJECT
COF CONTRACT NO. 2017-0264 / CDM SMITH PROJECT NO. 14915-96594-WRF**

BID OPENING DATE: Tuesday, December 5, 2017, at 2:00 p.m. Central Time

**ADDENDUM NO. 3
October 30, 2017**

The following additions, deletions, modifications, and clarifications shall be incorporated into the above referenced bid. These items shall have the full force and effect as the Contract Documents and cost involved shall be included in the bid price.

I. WITHIN THE BIDDING DOCUMENTS & CONTRACT DOCUMENTS

1. SECTION 00020 – NOTICE TO BIDDERS
 - a. On Page 00020-1, in the first sentence of the first paragraph, delete “Suite 142” and insert **“Suite 133”** in its place.
2. SECTION 00800 – SUPPLEMENTARY CONDITIONS
 - a. On Page 00800-10, under Article 12, insert the following new Article SC-12.03E.
“SC-12.03E. Add the following new paragraph immediately after Paragraph 12.03E. of the General Conditions to read as follows:

“F. No extension for Contract Time will be considered for normal weather conditions reasonably anticipated for the area in which the work is being performed. Normal weather conditions for a particular month shall be defined as the average number of days with precipitation greater than or equal to a trace amount (0.01-inch) over a recent 30-year period and shall be based on the 1981-2010 U.S. Climate Normals released by the National Oceanic and Atmospheric Administration’s National Centers for Environmental Information (formerly the National Climatic Data Center) for the station located closest to the project site. If the actual number of precipitation days received during any month exceeds the normal precipitation days and more than 50 percent of the Contractor’s work force was affected, the Contractor may be entitled to a Contract extension. If a Contract extension is granted due to weather conditions, the Contract Time shall be extended by the number of days in which actual precipitation exceeded the anticipated precipitation. If the Contractor requests any rain day delays for a particular time period, they must be submitted with the pay request for that time period. No requests for additional days will be granted if not requested at that time.”

II. WITHIN THE TECHNICAL SPECIFICATIONS, DIVISIONS 1 THROUGH 16

1. SECTION 01445 – PIPELINE TESTING, CLEANING AND DISINFECTION
 - a. On Page 01445-6, in Paragraph 3.01J.12, insert the following sentence and table at the end of the paragraph:

“The Owner’s current potable water rates are as follows. Prices are per 1,000 gallons.

Effective January 1, 2018	
Availability Charge (1,000 gallons)	\$18.49
Next 9,000 Gallons	\$4.94
Next 15,000 Gallons	\$5.87
All Additional Gallons	\$6.80”

2. SECTION 01664 – OPERATION & MAINTENANCE TRAINING
 - a. On Page 01664-2, insert the following new Paragraph 2.01C.4:
“4. To allow personnel from all three shifts to attend training, provide a minimum of two identical training sessions, one in the early morning and one in the late afternoon, for each system or equipment.”
3. SECTION 02616 – DUCTILE IRON PIPE AND FITTINGS
 - a. On Page 02616-8, replace Paragraph 2.03C.7 in its entirety with the following.
“7. For up through 16-inch diameter ductile iron pipe only, the following may be used as an alternative restraint system. For ductile iron pipe 18-inches diameter and above, the following shall only be used at closures.”
 - b. On Page 02616-9, in Paragraph 2.03C.7.e, at the end of the sentence, delete the words “or approved equal” and insert the words **“no equals”** in their place.
4. SECTION 11363 – PRE-DEWATERING CENTRIFUGES
 - a. On Page 11363-9, in Paragraph 1.05D.1.f, delete the words “over the two-year period following Project Substantial Completion” and insert the words **“for the one-year period following the end of the first phase of the Maintenance Service Program”** in their place.
 - b. On Page 11363-11, in Paragraph 1.08A.1:
 - i. Add the following words to the end of the first sentence: **“beginning on the date of Project Substantial Completion.”**
 - ii. Delete the last two sentences, and replace them with the following two sentences:
“The Owner reserves the right to enter into a Maintenance Service Program for a period of less than three years. The basis for the cost for a reduced period shall be based on linear prorations of Bid Item O in the Bid Form.”
 - c. On Page 11363-12, in Paragraph 1.08A.3.a, in the first sentence, after the words “Maintenance Service Program,” insert the words **“for a period of two years,”**.
 - d. On Page 11363-13:
 - i. In Paragraph 1.08A.6, add the following sentence to the end of the paragraph:
“The manufacturer shall prepare and submit to the Owner a rebuild report summarizing the rebuilding activities, listing the parts that were replaced,

and reporting the results of the dynamic balancing of the rebuilt bowl and scroll.”

- ii. In Paragraph 1.08A.9, in the first sentence, replace the words “first year” with **“First Phase”**.
- iii. In Paragraph 1.08A.10, in the first sentence, replace the words “year two through year five” with the words **“the Second Phase”**.

III. ON THE DRAWINGS

1. DRAWINGS C-18 THROUGH C-27 – SITE LAYOUT AND YARD PIPING PLANS – PANELS 1 THROUGH 9
 - a. On these Drawings, re-label all 3” PLW-DI and 2” PLW-DI lines as **Schedule 40 PVC**.
2. DRAWING C-20 – SITE LAYOUT AND YARD PIPING PLAN – PANEL 3
 - a. Change the callout for the pipe connecting MH A-3 and MH A-4 from 14” D-DI to **16” D-DI** (typical two places).
3. DRAWING C-23 – SITE LAYOUT AND YARD PIPING PLAN – PANEL 6
 - a. At Coordinate G-1, insert a **cap on the existing pipe to the west of the northern 8” WAS-DI (RJ) connection**.
4. DRAWING C-27 – SITE LAYOUT AND YARD PIPING PLAN – PANEL 9
 - a. At Coordinate C-1, along the west wall of the Digester Building, change the callout 12” FA-OC-DI to **12” FA-FRP**.
5. DRAWING C-50 – YARD PIPING PROFILES
 - a. In Profile P3 for Plant Drain Line “C,” change the callouts for the pipe material from 8” PVC to **8” DIP** (typical two places).
6. DRAWING M-17 – BNR BASINS INFLUENT DISTRIBUTION BOX – PLAN AND SECTIONS
 - a. At the right side of the Plan view at the callout for the 54” x 24” TEE (RJ), insert the words **(NOTE 3)**.
 - b. Insert the following new Note 3:
“3. ROTATE BRANCH OF TEE UPWARD TO 45-DEGREE ANGLE, AND PROVIDE BENDS AND OTHER FITTINGS AS REQUIRED TO CONNECT TO EXISTING 24” RAS-DI. SEE SHEET C-21.”
7. DRAWING M-34 – FILTER GALLERY TOP AND SECTIONAL MODIFICATION PIPING PLANS
 - a. In the plan view, at Coordinate B-3:
 - i. Reduce the length of the straight 30” spool piece to **24”**.
 - ii. Move the 30” BFV north so that it is located between the spool piece and the 30” tee. Connect the 30” blind flange to the end of the spool piece.
 - iii. Delete the words “WITH BLIND FLANGE” from the callout for the 30” tee.
 - iv. Add the words **“w/BLIND FLANGE”** to the callout for the 30” BFV.

8. DRAWING M-35 – FILTER GALLERY MODIFICATION – SECTIONS
- a. Add the following notes to this sheet:
 “NOTES:
 “1. CONTRACTOR TO RELOCATE EXISTING PIPE SUPPORTS AS NECESSARY.
 “2. SECTION 2 VIEW IS TYPICAL OF FILTERS 2 THROUGH 5. AT FILTER NO. 1, PROVIDE 30” TEE, 30” BFV, AND BLIND FLANGE AS SHOWN ON SHEET M-34.”
 - b. In Section 1, at the left side of the section, change the centerline elevation of the 30” INFLUENT pipes from 640.83 to **641.53**.
 - c. In Section 2, delete the 30” tee and attached 30” BFV, and replace the tee with a **30” 90-degree bend**.
9. DRAWING M-56 – SOLIDS PROCESSING BUILDING – FIRST FLOOR PLAN –PLAN 2
- a. At Coordinate D-3:
 - i. In the callout 8” D-HDPE TO MH D-4”, replace the words 8” HDPE with **12” HDPE**.
 - ii. Inside the double doors, replace the callout that reads 8”x90° BEND with **12”x90° BEND**.
10. DRAWING M-75 – DIGESTER BUILDING – EXTERIOR PROCESS PIPE – DETAILS I
- a. In the South Elevation:
 - i. Change the callout for the 12” OC-PVC to **12” FA-FRP** (typical two places).
 - ii. At the right side of the elevation view, insert **a detail bubble referencing Detail E/M-53 and the callout FRP TO HDPE DUCT TRANSITION (NOTE 12) with a leader pointing to the vertical run of 12” FA-FRP before it goes below grade.**
 - b. Insert the new Note 12 as follows:
 “12. FOR 12” FA-FRP SHOWN ON THIS SHEET, OMIT THE FA-FRP BALANCING DAMPER SHOWN IN DETAIL E/M-53.”
11. DRAWING M-76 – DIGESTER BUILDING – EXTERIOR PROCESS PIPE – DETAILS II
- a. In the West Elevation:
 - i. Change the callout for the 12” OC-PVC to **12” FA-FRP** (typical two places).
12. DRAWING M-83 – DIGESTER NO. 1 AND NO. 2 – BASE PLAN AND YARD PIPING
- a. At both Digester Tanks, change the callouts for the 6” D-PVC drains from the equipment pads to **6” D-DI** (typical three places).
13. DRAWING M-85 – DIGESTER NO. 1 AND NO. 2 – SECTIONS I
- a. In Section 1, at the bottom left and bottom right corners of the section, change the callout 6” D-PVC to **6” D-DI** (typical two places).
 - b. In Section 3, change the callout 6” DR-PVC to **6” DR-DI**.

14. DRAWING I-20 – PROCESS AND INSTRUMENTATION DIAGRAM –
DENITRIFICATION FILTERS
 - a. This Drawing has been reissued. See attached.

IV. REQUESTS FOR INFORMATION AND RESPONSES

(Not to be included within the Contract Documents)

1. Request: Below are portions of the DI spec concerning buried DI restrained joint piping [Section 02616, Paragraph 2.03]. Can you please clarify when and where mj restraint such as Megalug will be allowed? The spec below allows Megalug on a case by case basis and also states “cutting of restrained pipe will not be allowed”. Will Megalug type MJ restraint only be allowed at connections to existing pipe or at MJ valve connections?

Response: Please refer to the changes in this Addendum.
2. Request: Drawing I-20 indicates a new 30” butterfly valve with an EMO actuator (tag BFV-602). Please clarify where this valve is located on the M-series drawings.

Response: Please refer to the changes in this Addendum.
3. Request: In section 00300 “Schedule of Prices” bid item L “Excavation below normal grade and backfill with structural fill” the Unit is in Tons. This is in conflict with section 01025 3.02 M.3.a. where is references price per cubic yard. Please clarify. If the Unit is to be in tons please provide unit weight for the conversion.

Response: The unit of measure is cubic yards. The Bid Form (Section 00300) and the Measurement and Payment Specification (Section 01025) will be reissued in an upcoming Addendum.
4. Request: In reference to section 02050 “Demolition and Modification” are there as built drawings that can be supplied for the structures and equipment that is to be demolished? Slab, wall and deck concrete dimensions, along with drawings of the equipment, this will assist in the quantifying the work.

Response: Reference drawings were provided in electronic format with Addendum No. 2.
5. Request: May we take exception to [Specification Section 14900] in Part 2 Products 2.02 Runway and Monorail Track and bid the entire job out of structural steel?

Response: This deviation from Section 14900 will not be considered.
6. Request: Article 8.1 of the Instructions to Bidders (00100-2) states that the bid form shall be removed and submitted separately. The bid form, article 7 - Attachments to This Bid, article 7.01B states the contract plans and complete project manual are attached to and made a condition of the bid. Please confirm we are to only submit the bid form.

Response: The intent is for the Bid Form and other forms required to be submitted with the Bid to be removed from the Project Manual. Section 00100 will be reissued in an upcoming Addendum and will clarify this requirement.

7. Request: Sheet C-20 shows 14" D-DI between manholes A-3 and A-4. Profiles on C-50 show this as 16". Please confirm the correct size.
- Response: The line is 16" as shown on Sheet C-50. Please refer to the change in this Addendum.
8. Request: Sheet C-21 shows a 3" PLW line around the Alum Feed and Storage as DIP. Sheet M-41 shows this line as 3" RW-PVC. Please clarify which material is correct.
- Response: This line should be Schedule 40 PVC. Please refer to the changes in this Addendum.
9. Request: Sheet C-21 shows a 24" lateral outlet on the 54" RWW line at the BNR Basins Influent Distribution Box. Sheet M-17 shows this connection as a tee. Please confirm if an outlet or a tee is required.
- Response: The design intent is to provide a tee connection with the branch turned upward at a 45-degree angle, with pipe, an elbow, and other fittings as required to connect to the existing 24" pipe. Please refer to the changes in this Addendum.
10. Request: Sheet C-23 shows a 6" PW-DI (RJ) line entering the south side of the Solids Processing Building. However, this line does not appear on the mechanical drawings. Please clarify where this pipe is to be run and/or connect to piping inside this building.
- Response: Please refer to Drawing P-4.
11. Request: Sheet C-27 shows the 6" D line running from MH D-3 to the equipment pads at Digesters No. 1 & 2 as DIP. Sheet M-85 shows these lines as PVC in Section 3. Please clarify the correct material.
- Response: DIP is the correct material. Please refer to the changes in this Addendum.
12. Request: Sheet M-55 shows the pre-[de]watering centrate drain in the Solids Processing Building as 12" HDPE. Sheet M-56 shows this line as 8" HDPE, and the buried line exiting the building as 8" HDPE. Sheet C-23 shows this line as 12" D-DI. Please clarify the correct size and material.
- Response: The pre-dewatering centrate drain is 12" HDPE inside the building and transitions to 12" DI before it exits the building. Please refer to the changes in this Addendum. A detail showing the HDPE to DI transition will be added to the Drawings in Addendum No. 4.
13. Request: Civil drawings show 2" DIP in multiple locations, however this size of ductile is unavailable in the market. Please clarify what material should be used in lieu of DIP.
- Response: Please refer to the changes in this Addendum.
14. Request: Sheet C-23 shows two 8" WAS lines tied into existing lines in Section G1. Caps are shown to abandon the one existing 8" WAS, but not the remaining 8" WAS that runs parallel to the 2-1/2" CL north to Panel 3. Please confirm if this line is to be abandoned or remain in service.

Response: This pipe is to be capped and abandoned in place. Please refer to the change in this Addendum.

15. Request: Detail P3 on Sheet C-50 shows the 8" line as PVC. Sheet C-23 shows this as ductile iron. Please clarify the correct material.

Response: Ductile iron is the correct material. Please refer to the change in this Addendum.

16. Request: Sheet C-27 shows a 12" FA-OC-DI line on the outside face of the Digester Building. Sheets M-75 and M-76 show this line as PVC. Please clarify which is correct.

Response: Neither DIP nor PVC is correct; FRP is the correct material. Refer to the changes in this Addendum and in the upcoming Addendum No. 4.

17. Request: One Major Equipment Item in the originally published bid documents, Section 13300 - Instrumentation System Supplier, was omitted from the Base Bid Major Equipment Items list given in Addendum 2. Please confirm that it will be put back on the Base Bid Major Equipment Items list in the Bid Form.

Response: A listing for Section 13300 will not be restored to Part 6 of the Bid Form. Any Process Control System Supplier who meets all requirements of Section 13300 is eligible to bid.

Additional questions received will be answered in an upcoming Addendum.

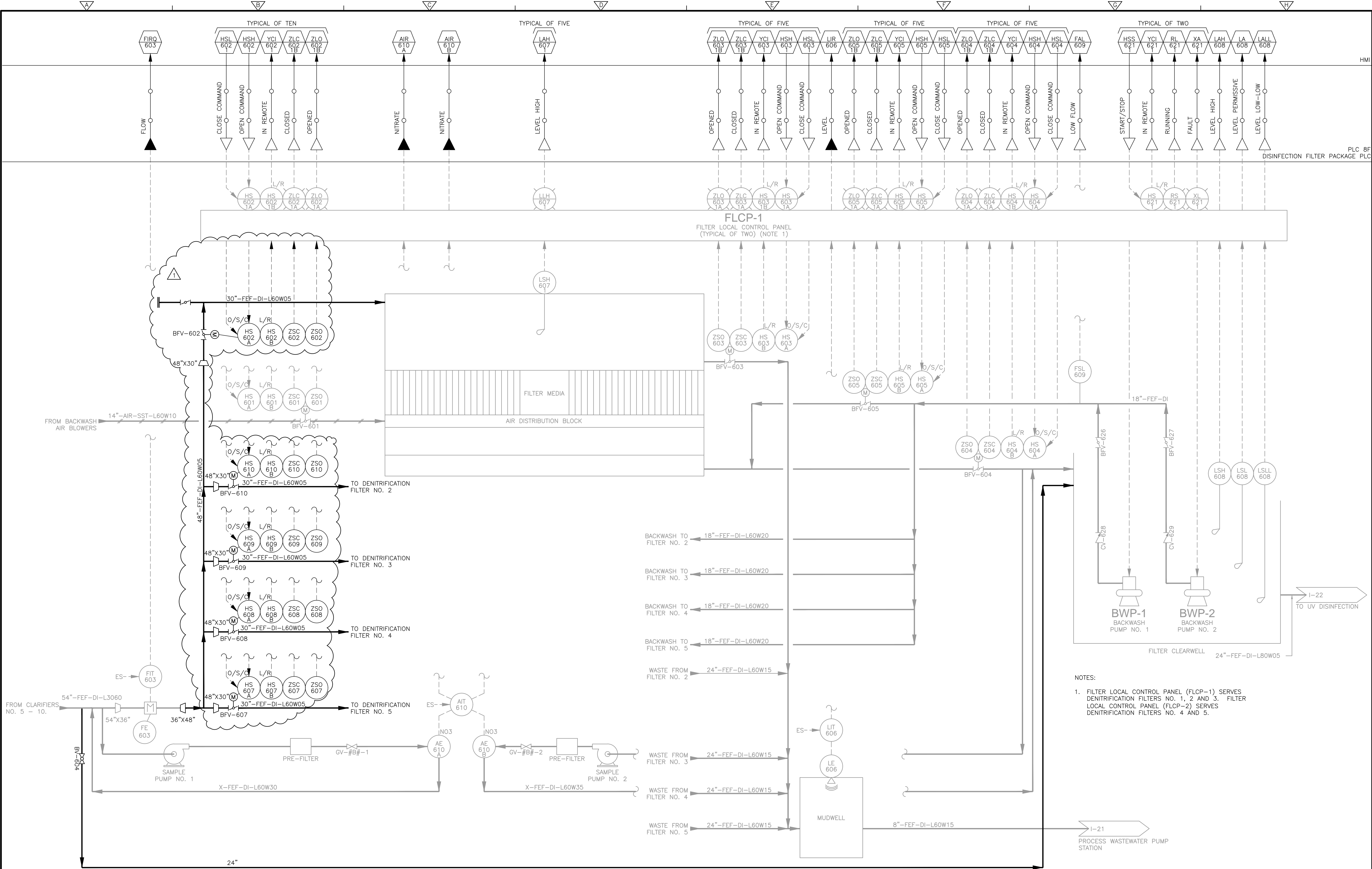
V. FOR INFORMATION ONLY (Not to be included within the Contract Documents)

1. Plan Holder List (attached)
2. October 24, 2017, Pre-Bid Conference Minutes (attached)
3. **Bidders' attention is directed to the change of suite number for the City of Franklin Engineering Department. Bids will be received at Suite 133, not at Suite 142. Refer to the change to the Notice to Bidders in this Addendum. The Bid Form (Section 00300) will be reissued in an upcoming Addendum and will include the correct suite number.**
4. The second site visit will take place on November 7, 2017, from 7:00 a.m. to 5:00 p.m. Central Time. Sign-up procedures are attached to the Pre-Bid Conference Minutes. Participation in at least one site visit is mandatory for all contractors planning to submit a Bid Proposal on this project.
5. No questions will be accepted after 12 p.m. Central Time on Tuesday, November 28, 2017. All questions must be received in writing by the Engineer and Owner as specified in Section 00100, Article 4 (Robert Huguenard, P.E., BCEE, CDM Smith, at huguenardrp@cdmsmith.com, with copy to Patricia McNeese, P.E., City of Franklin, at patricia.mcneese@franklintn.gov) in order to receive official responses.
6. We have received several requests for manufacturers and products to be listed in the Specifications. Please be advised that we will not review any requests for substitute

manufacturers or products during the bidding process, nor will we review any requests to be listed in the Specifications during the bidding process. Bidders may propose substitute manufacturers that meet the Specifications as part of their Bid in the Bid Form. These requests for substitute manufacturers and products will be reviewed as needed as part of the bid review process. Any additional information required will be requested at that point.

7. Process Control System Suppliers (PCSS) who meet all requirements of Section 13300 are eligible to bid.

XREFs: [CDWS-2436] Images: []
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- NOTES:
1. FILTER LOCAL CONTROL PANEL (FLCP-1) SERVES DENITRIFICATION FILTERS NO. 1, 2 AND 3. FILTER LOCAL CONTROL PANEL (FLCP-2) SERVES DENITRIFICATION FILTERS NO. 4 AND 5.

1	10/17	RWC	WSW	ADDENDUM NO. 3	
REV. NO.	DATE	DRWN	CHKD	REMARKS	

DESIGNED BY: W. WHITMORE
DRAWN BY: N. MELLIN
SHEET CHK'D BY: D. UBERT
CROSS CHK'D BY: J. LIND
APPROVED BY: W. WHITMORE
DATE: AUGUST 2017

CDM Smith
Parkview Towers
210 25th Avenue North, Suite 1102
Nashville, TN 37203
Tel: (615) 320-3161

CITY OF FRANKLIN, TENNESSEE
FRANKLIN WRF
MODIFICATIONS AND EXPANSION PROJECT
COF CONTRACT NO. 2015-0163

PROCESS AND INSTRUMENTATION DIAGRAM
DENITRIFICATION FILTERS

PROJECT NO 14915-96594-WRF
FILE NAME: 1020PID1.DWG
SHEET NO.
I-20

ISSUED FOR BID

PLAN HOLDER LIST

City of Franklin, Tennessee - Franklin WRF Modifications & Expansion Project

COF Contract No. 2017-0264 / CDM Smith Project No. 14915-96594-WRF

Bid Opening Date: December 5, 2017, at 2:00 p.m. Central Time

Updated 10/30/17 12:48 PM

For an updated plan holder list, please contact CDM Smith at (615) 320-3161

Bid Set No.	Contact Name	Company	Address	E-Mail	Phone	Fax
1	Kendra Buhlig	Builders Exchange of Tennessee	2322 Winford Avenue, Nashville, Tennessee 37211 and 300 Clark Street, Knoxville, Tennessee 37921	kendra@bxtn.org	615-690-7200	615-690-7201
2	Marilyn Robinson	Nashville Minority Business Center	1919 Charlotte Avenue, Suite 310, Nashville, Tennessee 37203		615-340-5004	
3	Patricia McNeese	City of Franklin Engineering Department	109 Third Avenue South, Franklin, Tennessee 37065	patricia.mcneese@franklintn.gov	615-550-6674	
4	Juan Davis	Franklin WRF	135 Claude Yates Drive, Franklin, Tennessee 37064	juand@franklintn.gov	615-791-3240	615-791-3208
5	Zack Daniel	CDM Smith	210 25 th Avenue North, Suite 1102, Nashville, Tennessee 37203	danielza@cdmsmith.com	615-320-3161	
6	Steve Judy & Clinton Jones	Judy Construction/ Smith Contractors, Inc. Joint Venture	Judy Construction : 103 South Church Street, Cynthiana, Kentucky 41031; PO Box 457, Cynthiana, Kentucky 41031	sjudy@judyconstructionco.com ; cjones@judyconstructionco.com	859-234-6900 (Judy Construction)	859-234-3480 (Judy Construction)
7	Teresa Lee-Ross	Kiewit Infrastructure South Co.	8615 Freeport Parkway, Suite #100, Irving, Texas 75063	Teresa.Leeross@kiewit.com	817-805-7391	
8	Andi Neighbors	Brasfield & Gorrie	3021 7th Avenue South, Birmingham, AL 35233	ANeighbors@BrasfieldGorrie.com	205-714-1635	
9	Erik Reynolds	Garney Construction	200 Crutchfield Avenue, Nashville, TN 37210	ereynolds@garney.com	615-953-2306	
10	Codee Guffey	Judy Construction/ Smith Contractors, Inc. Joint Venture	Smith Contractors : 1241 Bypass N., Lawrenceburg, KY 40342; PO Box 480, Lawrenceburg, KY 40342	cq@sci82.com	502-839-4196 (Smith Contractors)	502-839-8348 (Smith Contractors)

PLAN HOLDER LIST

City of Franklin, Tennessee - Franklin WRF Modifications & Expansion Project

COF Contract No. 2017-0264 / CDM Smith Project No. 14915-96594-WRF

Bid Opening Date: December 5, 2017, at 2:00 p.m. Central Time

Updated 10/30/17 12:48 PM

For an updated plan holder list, please contact CDM Smith at (615) 320-3161

Bid Set No.	Contact Name	Company	Address	E-Mail	Phone	Fax
11	Kathy Marshall	Dodge Data & Analytics	Plan Coordinator: 4300 Beltway Place, Ste 180, Arlington, TX 76018	kathy.marshall@construction.com	912-351-4504	

Minutes

Pre-Bid Conference for Franklin WRF Modifications & Expansion Project

COF Contract No. 2017-0264

October 24, 2017 – 10:00 a.m.

City Hall Training Room

The Pre-Bid Conference for the City of Franklin (COF) Franklin Water Reclamation Facility (WRF) expansion project was held at 10 a.m. Central Time on October 24, 2017, at the City Hall Training Room. A site visit was subsequently held from 1 p.m. to 4 p.m. Central Time on the same day. The sign in sheets for this meeting and the site visit are attached to these meeting notes. The agenda for this meeting is also attached.

Bob Huguenard led the meeting and opened by introducing the project team in attendance:

- Michelle Hatcher – COF, Director of Water Management
- Brian Goodwin – COF, Assistant Director of Water Management
- Mark Hilty – COF, Assistant City Administrator for Public Works
- Juan Davis – COF, Plant Manager
- Ivan Thurber – COF, Assistant Plant Manager
- Zack Daniel – CDM Smith, Client Manager
- Bob Huguenard – CDM Smith, Project Manager for Design
- Emily Kelly – LDA Engineering, Subconsultant to CDM Smith
- John Chandler – CDM Smith, Project Manager for Construction
- Jim Townsend – CDM Smith, Lead Resident Project Representative (RPR)

Bob said the goals of the meeting were to orient the potential bidders to the project and bid requirements and to highlight specific requirements, especially those that may be unique to this project. The information discussed in the meeting was intended to be a courtesy to the bidders, but not a comprehensive coverage of the project scope and requirements.

To accommodate schedules, Bob Huguenard asked Emily Kelly, the CDM Smith team's State Revolving Fund (SRF) expert, to provide an overview of the SRF requirements. The floor was opened to SRF questions, but there were none.

Bob went over question and amendment protocol and explained that nothing discussed or said during the Pre-Bid Conference amends the contract documents, and that only an Addendum can amend the bid documents. See the attached agenda for other items addressed under this agenda item.

The agenda includes a detailed list of the treatment system modifications. Bob chose not to walk through the entire list and instead asked attendees to read the list and ask any questions when the floor was opened for questions. However, Bob did point out that the scope included two major components, one being the modifications to the existing liquid process and the other being construction of a new biosolids treatment system on a greenfield portion of the site.

The following important dates and timelines were noted:

- No questions will be accepted after 12 p.m. Central Time on November 28, 2017.
- No Addendum will be issued after December 1, 2017.
- Bid opening will be on December 5, 2017. Bids will be received in the Office of the City Engineer at City Hall, 109 3rd Avenue South, Suite 133, Franklin, Tennessee until 2 p.m. Central Time. Opening will occur thereafter in the City Hall Boardroom. Note that the suite number for the Engineering Department in the agenda is incorrect. The suite number in this paragraph is correct. (Post-meeting note: Bidding documents listing the incorrect suite number will be corrected in Addendum No. 3 and upcoming Addenda.)

Several select items were brought to the bidders' attention, including the items listed in the following bullets. More information on the discussion is included in the Addendum.

- The contractors must provide a base bid that strictly complies with the requirements of the Specifications. Not doing so may result in a bid being deemed non-responsive.
- Bids must remain good for 90 days after the date of bid opening. This time frame is necessary to accommodate the logistics for SRF approval.
- Substantial Completion and Final Completion will be 1,000 days and 1,095 days after notice to proceed, respectively.
- Liquidated damages (LDs) of \$9,800 per day have been set.
- Bob asked the bidders to carefully read Specification Section 01014, Construction Sequence & Maintenance of Plant Operations During Construction. Bob explained that uninterrupted and violation free operation of the treatment system is very critical. Bob also explained that many of the constraints defined in this specification are necessary because we are raising the hydraulic grade line of several of the treatment processes, which makes it necessary to put upstream modifications into operation before downstream modifications can begin.
- Project documents (submittals, RFIs, etc.) will be submitted and responded to via an electronic document management system. All other documents, except material submittals, will be stored on this electronic system as well. Primavera Unifier will most likely be used.

Bob stated that two site visits will be offered, one of which will happen in the afternoon. More information is provided in the agenda. Instructions for signing up for the second site visit on November 7 are included in the agenda.

The floor was then opened up to questions. The following bullets summarize the questions and the discussion. The questions are shown in bold. The responses provided were CDM Smith and the City's initial thoughts on the questions, but do not represent the official responses. In many cases, it will be necessary to research to verify our recollections and initial thoughts. All questions must be officially submitted in order to receive official responses.

1. **Will liquidated damages be applied to the early milestone items as well (e.g., the alum storage and feed system)?** Bob Huguenard said that he believes the specification language is written to include LDs for the early milestones, but said that he would verify and respond in an Addendum.
2. **Have the documents been through plans check, and will any additional permit costs be due to the City?** Zack Daniel responded that the regular City Planning and Codes process is required for this project. The drawings were submitted to Planning and Codes, and we received and responded to comments and made changes to the drawings. It still must go to the Planning

Committee for final approval. We thought it would be on an earlier Committee meeting, but it looks like it will be November. The contractor will have to go through the normal building permitting process, but there are no fees since it is a City project. Plans have been approved by the Tennessee Department of Environment and Conservation's (TDEC) wastewater division. The contractor will have to submit the notice of intent for land disturbance and will be responsible for any cost. We aren't aware of other permits. We aren't doing work at the outfall or the river so there shouldn't be a need for an Aquatic Resource Alteration Permit (ARAP) or Army Corps of Engineers type permits. If there are other permits that are required, they are the contractor's responsibility.

3. **What about permits for water line, utility hook-ups and temporary road?** Zack responded that we did obtain a Tennessee Department of Transportation (TDOT) permit for the temporary road off of Mack Hatcher Parkway. All construction traffic must come through this entrance, and the permit requires traffic to be "right in" and "right out" only. There is a walking trail that crosses this road that must remain open throughout construction. With respect to the water line, Mark Hilty said that coordination with the City utility inspector/department will be required, but there shouldn't be a fee.
4. **Specifications say that excess material may stay on site. Can we identify the location where material will be placed?** Bob responded that we are probably going to change the requirement to say excess material must be removed from the site.
5. **It appears that some change has occurred to the large existing soil stockpile in the proposed biosolids area.** Bob acknowledged that the some of the stockpile has been hauled away. The City and CDM Smith will discuss how to handle this change in the bid documents and issue a solution in an Addendum.
6. **It was requested that the specified work hours be changed to a minimum of 50 hours per week (i.e., five 10-hour days and weekends if possible).** Bob said this request would be taken under consideration.
7. **The Specifications say that warranties will be one year from Substantial Completion. On a job like this where upgrades will be put into operation as the work is completed, the equipment suppliers will see the warranty starting upon beneficial use, so one year from Substantial Completion would be an extended warranty. Is that our intent?** Bob answered that it is our intent, but said that we would provide an official response after we see the written question.
8. **Will we consider Substantial Completion to be for the entire project, when systems are put into use, or something else?** Bob stated that this is defined in the Specifications but said that a complete response would be provided when the question is submitted.
9. **The Equalization (EQ) Tank is going to have some amount of uplift because the floodplain elevation is above the floor of the tank; has the owner considered pressure relief valves (PRVs), or do we need to provide ballast or anchors?** Bob said he believes the slab is designed with the weight required to ballast against the flood plain water level. However, this will be researched to verify.
10. **What is the anticipated schedule from bid date to Notice to Proceed?** Bob stated that it will be no longer than 90 days, but our intent is to go to Notice to Proceed as quickly as possible.

11. **Who is the power company for this project?** It is Middle Tennessee EMC (MTEMC). There will be fairly extensive contractor coordination required with MTEMC.
12. **Is MTEMC prepared to give us a price during the bid period?** Bob said he did not know and said that we would respond in an Addendum after the question is posed. There was a fair amount of coordination with MTEMC during design, and they are aware of what has to happen.
13. **Once the new service is built and the new switch gear is in place, who pays that bill?** Bob didn't know and asked that the question be submitted.
14. **What is the basis of award, and how is it related to DBE participation?** Basis is outlined in the documents in detail. DBE participation is a goal, and the contractors have to show that they have done their due diligence in pursuing DBE participation.
15. **Is there a chance that the bid date could move from Tuesday to Thursday?** Bob said there are no plans to change the date.
16. **Specification Section 01100 calls for a competent field technician to visit the site and certify equipment. Is this all equipment, or is there a cutoff at some point?** Bob said he did not know the answer.

Attachments:

- Sign-In Sheets for Pre-Bid Conference
- Sign-In Sheets for First Site Visit
- Pre-Bid Conference Agenda with Second Site Visit Sign-Up Instructions

Franklin WRF Modifications & Expansion Project - COF Contract No. 2017-0264

Pre-Bid Conference Sign-In Sheet

City Hall Training Room - Tuesday, October 24, 2017, 10:00 a.m.

1	Name Sean J. Miller	Company Kiewit Infrastructure South Co.	Mailing Address 13119 Old Denton Rd Ft. Worth, TX 76177	E-Mail Address Sean.miller@kiewit.com	Phone 817-337-7000 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
2	Name Mark Penlock	Company Kiewit	Mailing Address 458 DIVIDEND DR. C/A REACHTREE CTR, GA 30269	E-Mail Address MARK.PENLOCK@KIEWIT.COM	Phone 770-487-2300 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
3	Name Keth Buchholtz	Company Kiewit Inf. South	Mailing Address 4405 International Blvd. Norcross GA. 30093	E-Mail Address Keth.Buchholtz@Kiewit.com	Phone 770-564-8861 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
4	Name LARRY KONECK	Company KIEWIT INFRASTRUCTURE SOUTH CO	Mailing Address 4790 REGENT BLVD #100 IRVING TX 75063	E-Mail Address LAWRENCE.KONECK@KIEWIT.COM	Phone 972-505-4700 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
5	Name Brent Fulghum	Company Southern Sales	Mailing Address 2937 Kraft Dr Nashville, TN 37204	E-Mail Address bfulghum@southern salesinc.com	Phone 615.483.9537 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
6	Name Rick McPeak	Company City of Franklin Water Mgmt	Mailing Address 124 Lumber Drive Franklin, TN 37064	E-Mail Address RickM@Franklin.tn.gov	Phone 615.794.4554 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.

Franklin WRF Modifications & Expansion Project - COF Contract No. 2017-0264

Pre-Bid Conference Sign-In Sheet

City Hall Training Room - Tuesday, October 24, 2017, 10:00 a.m.

7	Name Kerry Smith	Company Judy/Smith JV	Mailing Address PO Box 480 Lawrenceburg, Ky 40342	E-Mail Address ks@sci82.com	Phone 502-839-4196 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
8	Name Joe Smith	Company SMITH CONTRACTORS	Mailing Address PO Box 480 LAWRENCEBURG, KY 40342	E-Mail Address js@sci82.com	Phone 502-839-4196 Fax 502-839-8398	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
9	Name Jim Williamson	Company American Cast Iron Pipe Co.	Mailing Address PO Box 2727 PO Box 2727 Birmingham, AL 35202	E-Mail Address jwilliamson@ american-usa.com	Phone 615/390-3564 Fax 205-307-3862	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
10	Name ERIC FREEMAN	Company CARTER VERPLANCK	Mailing Address 1053 RIDGLEA DR BURNS, TN 37029	E-Mail Address ericfreeman@ carterverplanck.com	Phone (665) 617-9944 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
11	Name Tom Trimble	Company Kiewit	Mailing Address 4405 International Blvd. C-101 Norcross, GA	E-Mail Address tom.trimble @kiewit.com	Phone 925/595-8774 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
12	Name CHRISTY PERDUE	Company BRASFIELD & GORRIE	Mailing Address 3021 7TH AVE S. BIRMINGHAM, AL 35233	E-Mail Address CPERDUE@ BRASFIELDGORRIE.COM	Phone 205.714.1556 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.

Franklin WRF Modifications & Expansion Project - COF Contract No. 2017-0264

Pre-Bid Conference Sign-In Sheet

City Hall Training Room - Tuesday, October 24, 2017, 10:00 a.m.

13	Name JORDAN BROOKING	Company GARNEY CONSTRUCTION	Mailing Address 200 CRUTCHFIELD NASHVILLE, TN 37210	E-Mail Address FLESTIMATING@ GARNEY.com	Phone Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
14	Name ERIK REYNOLDS	Company GARNEY	Mailing Address 200 CRUTCHFIELD NASHVILLE, TN 37210	E-Mail Address FLestimating@ garney.com	Phone 615-350-7975 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
15	Name Chip Henderson	Company C3 Industrial Blasting & Coating	Mailing Address P.O. Box 22517	E-Mail Address Chip@C3industrial.com	Phone 865-288-4514 Fax 800-469-4861	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
16	Name Keely Baker Henderson	Company C3 Industrial Blasting & Coating	Mailing Address P.O. Box 22517 Knoxville, TN 37613	E-Mail Address Keely@C3industrial.com	Phone 865-414-6004 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
17	Name John Myhr	Company Garney Construction	Mailing Address 200 Crutchfield Ave Nashville, TN 37027	E-Mail Address FLestimating@ garney.com	Phone 615-350-7975 Fax 615-350-6067	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
18	Name JAY BRAGG	Company PENHALL CO.	Mailing Address 1810 Woodlands Industrial Drive Trussville, AL 35173	E-Mail Address jbragg@penhall.com	Phone 205-951-0071 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.

Franklin WRF Modifications & Expansion Project - COF Contract No. 2017-0264

Pre-Bid Conference Sign-In Sheet

City Hall Training Room - Tuesday, October 24, 2017, 10:00 a.m.

19	Name STEVE Judy	Company Judy/Smith JV	Mailing Address PO Box 457 CYNTHIANA, Ky 41031	E-Mail Address ssjudy@judyconstruction co.com LJONES@judyconstruction co.com	Phone 859 234 6900 Fax 859 234 3480	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
20	Name BEN WILLIAMS	Company JUDY CONST CO	Mailing Address PO Box 457 CYNTHIANA, KY 41031	E-Mail Address bwilliams@judyconstruction.com	Phone 859 234-6900 Fax 859 234-3480	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
21	Name Dale Petroski	Company Victaulic	Mailing Address 176 Savannah St. SE Atlanta, GA 30316	E-Mail Address dale.petroski@victaulic.com	Phone 404- 695-9724 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
22	Name Emily Kelly	Company LDA Engineering	Mailing Address	E-Mail Address ekelly@ldaengineering.com	Phone 615-424- 5694 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
23	Name Bob Huguenard	Company	Mailing Address	E-Mail Address	Phone Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
24	Name Thom Kendall	Company Precision Engineering, LLC	Mailing Address P.O. Box 2	E-Mail Address thom@precision-engr.com	Phone 270-407- 5784 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.

Franklin WRF Modifications & Expansion Project - COF Contract No. 2017-0264

Pre-Bid Conference Sign-In Sheet

City Hall Training Room - Tuesday, October 24, 2017, 10:00 a.m.

25	Name <i>Jim Lewis</i>	Company <i>Dugan & Meyers</i>	Mailing Address <i>2700 River Green Circle Louisville KY 40206</i>	E-Mail Address <i>jlewis@ dugan-meyers. com</i>	Phone <i>502 919 0546</i> Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
26	Name <i>Michael Tortorici</i>	Company <i>Brasfield + Gorrie</i>	Mailing Address <i>3021 7th Ave S Birmingham, AL 35233</i>	E-Mail Address <i>mtortorici@brasfield gorrie.com</i>	Phone <i>205 714-1342</i> Fax <i>205 714 1978</i>	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
27	Name <i>Justin Tante</i>	Company <i>Tnemec</i>	Mailing Address <i>1231 Antioch PK Nashville TN 37211</i>	E-Mail Address <i>justin@nexgen-cr.com</i>	Phone <i>615 604 4921</i> Fax <i>615 333 1006</i>	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
28	Name <i>Bobby Gaines</i>	Company <i>Stansell</i>	Mailing Address <i>bgaines@stansell electric.com</i>	E-Mail Address <i>→</i>	Phone <i>615-394-5124</i> Fax <i>615-320-5236</i>	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
29	Name <i>Trent Leaver</i>	Company <i>Stansell</i>	Mailing Address <i>860 Visco Dr Nashville TN 37210</i>	E-Mail Address <i>t.leaver@ stansellelectric.com</i>	Phone <i>615-815-7467</i> Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
30	Name <i>Michael Brock</i>	Company <i>Convergint</i>	Mailing Address <i>1420 Davidson Pike Suite A11, Nashville, TN, 37217</i>	E-Mail Address <i>michael.brock@ convergint.com</i>	Phone <i>615.482.1735</i> Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.

Franklin WRF Modifications & Expansion Project - COF Contract No. 2017-0264

Pre-Bid Conference Sign-In Sheet

City Hall Training Room - Tuesday, October 24, 2017, 10:00 a.m.

31	Name DAN HURST	Company K.S. WARE & ASSOC. L.L.C	Mailing Address 54 LINDSLEY AVE. NASHVILLE TN. 37210	E-Mail Address dhurst@kswarellc.com dhurst@kswarellc.com	Phone 615-255-9702 Fax 615-256-5873	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
32	Name John MALONEY	Company CAROLINE COATINGS	Mailing Address 1095 REUNION DR CHATTANOOGA TN 37241	E-Mail Address JMALONEY@CAROLINE.COM CAROLINE.COM	Phone 756-810-9470 Fax 866-583-6946	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
33	Name Keith Mabry	Company CIP	Mailing Address 104 Alpha Dr. Franklin, TN 37064	E-Mail Address Keith@cipaint.com	Phone 615-790-8822 Fax 615-790-8196	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
34	Name Brian Gooden	Company CITY OF FRANKLIN	Mailing Address	E-Mail Address brian.gooden@franklin.tn.gov	Phone Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
35	Name JOHN HARWARD	Company PRINCIPLE ENVIRONMENTAL	Mailing Address 1770 THE EXCHANGE SUITE 210 ATLANTA, GA 30339	E-Mail Address Johnharward@umindspring.com	Phone 423-402-0500 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
36	Name MARK HUTCH	Company FRANKLIN	Mailing Address	E-Mail Address mark.hutch@franklin.tn.gov	Phone 615-791-3217 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.

Franklin WRF Modifications & Expansion Project - COF Contract No. 2017-0264

Pre-Bid Conference Sign-In Sheet

City Hall Training Room - Tuesday, October 24, 2017, 10:00 a.m.

37	Name Matt Mullins	Company Brasfield & Gorrie, LLC	Mailing Address 3021 7th Ave S Birmingham, AL 35233	E-Mail Address mmullins@brasfieldgorrie.com	Phone 205-518-2993 Fax 205-714-1978	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
38	Name Ben Harris	Company Brasfield & Gorrie, LLC	Mailing Address 3021 7th Ave. S Birmingham, AL 35233	E-Mail Address bharris@brasfieldgorrie.com	Phone 205-714-1288 Fax 205-714-1978	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
39	Name WADE SUTTLE	Company Wolfe & Travis Electric Co., Inc	Mailing Address 2001 Gladstone Ave Nashville, TN 37211	E-Mail Address wsuttle@wtei.us	Phone 615-244-6800 Fax 615-244-6884	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
40	Name Mark Starling	Company Gallagher & Assoc.	Mailing Address 122 Reelfoot Ct. Murfreesboro TN 37129	E-Mail Address mstarling@gallagherassoc.com	Phone 615/210-8469 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
41	Name Talmadge Mincey	Company CROM	Mailing Address 250 SW 36th Terrace Gainesville, FL 32607	E-Mail Address tbm@cromcorp.com	Phone 352.262.4121 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
42	Name Tom Lamb	Company CIT	Mailing Address tom.lamb@ct-cib.net	E-Mail Address	Phone Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.

Bobby Lemmey	BAR Enviro.	bclammer@bar-enviro.com	51 Century Blvd	615 373
Rick Pearson	"	rpearson@bar-enviro.com	suite 307	0788
Jose Spradlin	"	jspradlin@bar-enviro.com	Nashville TN 37214	

Saul Ortiz	Penhall Company	SOrtiz@Penhall-Com	644 Main Stream Dr Nashville, TN 37228	615-906-2190
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Joe Stramiller	Trifecta Services Company	jseTrifecta inc.com	1732 Toul St. Charlotte, NC 28206	704-380-0766
	"mube company"			

* PETE MIDER MORT VINEYARD	PRECOR CORPORATION	MTV@PRECONTANKS.COM PDM@PRECONTANKS.COM	115 SW 140 TERRACE NEW BERRY, FL 32669	352-332-1200 352-474-9165 CELL
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EMERY SAYRE	CENTURY CONSTRUCTION GROUP, Inc.	ESayre@Centurycr.com	P.O. Box 1366 Tupelo MS 38802	662-844-3331 662 844 3002 Fax
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Dylan Shook		dshook@centurycr.com		662-416-0419
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Lynn Green	ESHELMAN CO.	lynn@eshelmancompany.com	Nashville, TN	615-337-2771
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Fred Weaver	REVERE Control System	fweaver@reverecontrol.com	Bham, AL	205.910.6530
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Zac White	B.L. Harbert Int'l, LLC	zwhite@blharbert.com	Mville/Bham	205-802-2800
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Franklin WRF Modifications & Expansion Project - COF Contract No. 2017-0264

Pre-Bid Conference Sign-In Sheet

City Hall Training Room - Tuesday, October 24, 2017, 10:00 a.m.

1	Name MICHAEL PAROSH	Company GARNEY	Mailing Address 370 EAST CROWN POINT RD WINTER GARDEN FL	E-Mail Address FLESTIMATING@ GARNEY.COM	Phone 407-877-5903 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
2	Name STUART SMITH	Company GARNEY	Mailing Address 370 EAST CROWN POINT ROAD WINTER GARDEN, FL	E-Mail Address FLESTIMATING@ GARNEY.COM	Phone 407-509-2428 Fax	<input checked="" type="checkbox"/> I wish to purchase a copy of the Bid Documents.
3	Name JEFF GORMAN	Company GARNEY	Mailing Address 200 CRUTCHFIELD AVE. NASHVILLE, TN 37210	E-Mail Address 11	Phone 615-854-2005 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
4	Name Cranston Gentry	Company Nashville Ready Mix	Mailing Address 115 Southeast Parkway, Franklin TN	E-Mail Address cgentry @nrm1987 .com	Phone 615 513 6101 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
5	Name PAUL WELLBORN	Company FDR & LIFE SAFETY AMERICA	Mailing Address 1410 A13 DOWELSON DRIVE NASHVILLE, 37217	E-Mail Address PWELLBORN @ FLSAAMERICA .com	Phone 615-864-4439 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
6	Name Terry Breshears	Company TPM Group	Mailing Address 2311 Kl.ber Ave Nashville, TN 37211	E-Mail Address +breshears@ tpm-group.com	Phone 615-585-0995 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.

Tommy Britt 8861 US Hwy 31 +britt@ 256
Britt Demolition Hanceville
Ala 35897 britt demo 339-8332
.com

Franklin WRF Modifications & Expansion Project - COF Contract No. 2017-0264

Pre-Bid Conference Sign-In Sheet

City Hall Training Room - Tuesday, October 24, 2017, 10:00 a.m.

7	Name Ryan Potts	Company IRBY Co.	Mailing Address 1284 Hgt Quaker Blvd. La Vergne, TN	E-Mail Address Potts@irby.com	Phone 615 280-3366 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
8	Name Bryan Bellar	Company Wunderlich-Makec Eng.	Mailing Address 5209 Linbar Dr Ste 629 Nashville, TN 37211	E-Mail Address bryan.bellar@wmeng.com	Phone 615-477-8451 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
9	Name STAN SPENCE	Company WUNDERLICH MAKEC	Mailing Address 5209 Linbar Drive Ste 629 Nashville 37211	E-Mail Address STAN.SPENCE@WMENG.COM	Phone 615 530 5100 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
10	Name Shane Randolph	Company Reynolds Construction	Mailing Address 933 Visco River Nashville, TN 37210	E-Mail Address shane.randolph@reynoldscon.com	Phone 615-255-3161 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
11	Name Ryan Pease	Company Schneider Electric	Mailing Address 6700 Franklin Cir. Franklin, TN 37067	E-Mail Address Ryan.Pease@schneider-electric.com	Phone 216-334-7451 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.
12	Name DAVID Proctor	Company JBS	Mailing Address 1024 Harrison St 37203	E-Mail Address david.proctor@jbouchard.com	Phone 615-256-0112 Fax	<input type="checkbox"/> I wish to purchase a copy of the Bid Documents.

CITY OF FRANKLIN
FRANKLIN WRF MODIFICATIONS & EXPANSION PROJECT
COF CONTRACT NO. 2017-0264
SIGN-IN SHEET FOR FIRST SITE VISIT - TUESDAY, OCTOBER 24, 2017

PARTICIPANT SIGN-IN				
	NAME	COMPANY	TELEPHONE	E-MAIL ADDRESS
1	Dylan Shook	Century Const.	662-416-0419	dshook@centurycr.com
2	EMERY SAYRE	CENTURY CONSTRUCTION	662-844-3331	ESayre@centurycr.com
3	MIKE PARRISH	GARNEY	407-877-5903	FL Estimating@GARNEY.com
4	ERIC FREEMAN	CARTER VERPLANCK	(865) 617-9944	ericfreeman@carterverplanck.com
5	STUART SMITH	GARNEY	407 509 2422	FL Estimating@GARNEY.com
6	Tain Myhr	Garney	615-642-7113	FL Estimating@garney.com
7	WADE SUTTLE	Wolfe Harris	615-244-6800	wsuttle@wtei.us
8	ERIK REYNOLDS	GARNEY	615 953 2360	FL Estimating@garney.com
9				
10				
11				
12				

CITY OF FRANKLIN
FRANKLIN WRF MODIFICATIONS & EXPANSION PROJECT
COF CONTRACT NO. 2017-0264
SIGN-IN SHEET FOR FIRST SITE VISIT - TUESDAY, OCTOBER 24, 2017

PARTICIPANT SIGN-IN				
	NAME	COMPANY	TELEPHONE	E-MAIL ADDRESS
13	Tom Trimble	Kiewit	925-595-8774	tom.trimble@Kiewit.com
14	Mark Penhock	Kiewit	776-328-8906	MARK.PENHOCK@KIEWIT.COM
15	Kerth Buchholtz	Kiewit	404-569-1786	Kerth.Buchholtz@Kiewit.com
16	Sean J. Miller	Kiewit	505-718-9881	Sean.miller@kiewit.com
17	Tommy Britt	Britt Demolition	256-339-0332	tbritt@brittdemo.com
18	Zac White	B.L. Harbert Int'l	205-802-2800	zwhite@blharbert.com
19	Lynn Green	Eshelman Co.	615-337-2771	lynneshelmancompany.com
20	BRIAN CLARK	UNITED Demo	843-514-5991	BRIAN.CLARK@UNITED.NET
21	Larry Kanack	Kiewit	817-846-9877	Larry.Kanack@Kiewit.com
22	Joe Stramiller	Triecta Services Co	704-320-0766	jse@trifectacine.com
23	Saul Ortiz	Penhall Company	615-906-2190	SOrtiz@Penhall.com
24	JAY BRAGG	Penhall Co.	205-501-1120	jbragg@penhall.com

CITY OF FRANKLIN
FRANKLIN WRF MODIFICATIONS & EXPANSION PROJECT
COF CONTRACT NO. 2017-0264
SIGN-IN SHEET FOR FIRST SITE VISIT - TUESDAY, OCTOBER 24, 2017

PARTICIPANT SIGN-IN				
	NAME	COMPANY	TELEPHONE	E-MAIL ADDRESS
25	Bobby Gaines	Stansell Elec	615-394-5124	bgaines@stansell electric.com
26	Trent Leaver	Stansell	615-815-7467	tleaver@stansell electric.com
27	Cranston Genbry	Nashville Ready Mix	615 513 6101	cgenbry@nrm1987.com
28	Bryan Bellar	Wunderlich Malec Ag.	615-477-8457	bryan.bellar@wmeng.com
29	STAN SPENCE	WUNDERLICH-MALEC	615 530 5106	STAN.SPENCE@WMENG.com
30	Dale Petroski	Victaulic	404-695-9724	dale.petroski@victaulic.com
31	Ben Harris	Brasfield & Gorrie	205-714-1289	bharris@brasfieldgorrie.com
32	Michael Tortorici	Brasfield & Gorrie	205-714-1342	mtortorici@brasfieldgorrie.com
33	Matt Mullins	Brasfield & Gorrie	205-714-1664	mmullins@brasfieldgorrie.com
34				
35				
36				

CITY OF FRANKLIN
FRANKLIN WRF MODIFICATIONS & EXPANSION PROJECT
COF CONTRACT NO. 2017-0264
SIGN-IN SHEET FOR FIRST SITE VISIT - TUESDAY, OCTOBER 24, 2017

PARTICIPANT SIGN-IN				
	NAME	COMPANY	TELEPHONE	E-MAIL ADDRESS
37	JEFF GORMAN	GARNEY	615-854-2005	flestimating@garney.com
38	JACK SMITH	SMITH CONTRACTORS	502-839-4196	js@sc182.com
39	BEN WILLIAMS	JUDY CONST CO	859-234-6900	bwilliams@judyconstructionco.com
40	STEVE SUDY	JUDY / SMITH	859 234 6900	ssudy@judyconstructionco.com
41	KERRY SMITH	JUDY / SMITH	502-839-4196	KS@sc182.com
42	JORDAN BROOKING	GARNEY	615-499-2783	FLESTIMATING@GARNEY.com
43	DAVID PROCTOR	JBS	615-256-0112	david.proctor@jbrockhard.com
44	CHRISTY PERRE	BASFELD CORP	205-714-1554	CPERRE@BASFIELDCORP.com
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Agenda

Pre-Bid Conference for Franklin WRF Modifications & Expansion Project

COF Contract No. 2017-0264

October 24, 2017 – 10:00 a.m.

City Hall Training Room

1. Introductions and sign in sheet
2. Introductory Comments
 - a. Purpose
 - i. Orient the contractors to project and bid requirements.
 - ii. Highlight specific requirements, especially those that may be unique to this project as a courtesy to the bidders. Not intended to be comprehensive.
3. Questions and amendment protocol
 - a. Nothing discussed or said at this pre-bid conference amends the contract documents; only an Addendum can amend the bid documents.
 - b. All questions must be submitted in writing to Bob Huguenard (huguenardrp@cdmsmith.com) with copy to Patricia McNeese (patricia.mcneese@franklinton.gov). Refer to Section 00100 (Instructions to Bidders), Article 4, for full instructions on submitting questions. Answers will be provided in the form of an Addendum to all plan holders via e-mail or download from a secure server.
 - c. Two Addenda have been issued so far. Addendum 1 was issued on October 13, 2017, and Addendum 2 was issued on October 20. Both included responses to early questions. Addendum 3 will include the notes from this pre-bid conference.
 - d. No manufacturers/suppliers will be added to the Specifications or pre-qualified during the bidding process. Bidders may propose substitute manufacturers that meet the specifications as part of their Bid in the Bid Form. These requests for substitute manufacturers and products will be reviewed as needed as part of the bid review process. Any additional information required will be requested at that point.
4. General scope of work (see Section 01010, Summary of Work, for more detail)
 - a. New headworks structure.
 - b. Equalization basin.
 - c. Odor control systems for both the headworks structure and the equalization basin.
 - d. New biological nutrient removal (BNR) basin splitter box.
 - e. Conversion of a portion of the existing BNR basin volume to a fermentation zone, followed by an anoxic zone for denitrification.
 - f. Addition of increased levels of dissolved oxygen into each of the three oxidation ditches.

- g. Raising of the BNR effluent weirs.
- h. Installation of interior launders in the clarifier distribution box.
- i. Various improvements at the Reclaimed Water Pump Station.
- j. Various improvements inside the existing Return Sludge Pump Station and the RAS/WAS Pump Station.
- k. Plant piping improvements, including but not limited to the following.
 - i. Replacement of the piping between BNR basins 1 and 2 and the clarifier distribution box with a single 48-inch diameter pipe.
 - ii. Replacement of the piping between the clarifier distribution box and the clarifiers to 30-inch diameter piping.
 - iii. Replacement of the settled water junction box with hard piping to reduce headloss.
 - iv. Numerous modifications to the distribution piping in the denitrification filter gallery, including the replacement of the 42-inch influent filter header with a 48-inch pipe and replacement of the 24-inch tees with 30-inch tees.
- l. A new ultraviolet (UV) disinfection system.
- m. An alum storage and feed system.
- n. New solids treatment facilities, including the following.
 - i. A waste activated sludge (WAS) storage tank with mixing system.
 - ii. A Solids Processing Building with sludge screening equipment, pre-dewatering centrifuges, post-dewatering screw presses, polymer dilution and feed systems, odor control chemical metering systems, and supporting equipment.
 - iii. A Thermal Hydrolysis Process (THP).
 - iv. A fats, oils and grease (FOG) receiving station, storage tanks with mixing systems, and feed pumps.
 - v. Two anaerobic digesters with mixing systems, and a Digester Building to house supporting equipment.
 - vi. A digested biosolids storage tank with mixer.
 - vii. A digester gas storage and handling system.
 - viii. A combined heat and power (CHP) system.
 - ~~ix. A solar drying system consisting of one of the following Additive Alternates.~~
 - ~~1. Two drying chambers. (Additive Alternate No. 2 on the Bid Form)~~
 - ~~2. Six drying chambers. (Additive Alternate No. 3 on the Bid Form)~~
 - x. A solids process odor control system.
 - xi. Two new scum holding tanks with blowers and appurtenances.
- o. Instrumentation and controls improvements, including but not limited to the following.
 - i. Replacement of the plant's existing control system, including but not limited to replacement of existing programmable logic controllers (PLCs), installation of new PLCs for new process areas, installation of new Ethernet switches and the formation of a plant-wide Ethernet network, and installation of two new PC workstations with upgraded human-machine interface (HMI) software.
 - ii. New field instruments and controls for all plant process areas affected during construction, and inspection of all existing instruments to determine their future use.

- iii. Replacement of all fiber optic cable in the plant, and extension of the new cabling to all existing and new PLC locations as needed.
 - p. Electrical improvements, including but not limited to the following.
 - i. Removal of multiple existing services and replacement with two new services at each end of the treatment plant.
 - ii. A new Main Electrical Building.
 - q. Complete or partial demolition of existing structures and equipment throughout the treatment plant, including but not limited to the following.
 - i. Demolition of the RAS distribution box.
 - ii. Demolition of the settled water junction box.
 - iii. Demolition of old aeration basins 1 and 2.
 - iv. Demolition of Clarifiers 3 and 4.
 - v. Removal of four WAS pumps from the Return Sludge Pump Station (pumps WAS-5 & WAS-6) and the RAS/WAS Pump Station (pumps WAS-7 & WAS-8).
 - vi. Demolition of two out of three tertiary filter beds.
 - vii. Demolition of the existing headworks facility.
 - viii. Partial demolition of the clarifier influent distribution box.
 - ix. Removal of the existing UV disinfection system equipment.
 - x. Demolition of Sludge Storage Tanks 1 and 2.
 - xi. Demolition of Dissolved Air Flotation (DAF) Tanks 1 and 2.
 - xii. Demolition of the Belt Filter Press Feed Tank.
 - xiii. Demolition of the three ATAD Reactor Tanks.
 - r. Yard piping, grading, paving and landscaping.
 - s. Installation, maintenance and removal of all erosion and sediment control, and other environmental protection measures, including all permits and approvals required.
 - t. Testing, start-up, and training.
 - u. Site cleanup and restoration.
 - v. Other work as shown on the Drawings and/or as specified herein.
5. Important dates/timelines
- a. No questions accepted after 12:00 p.m. Central Time on November 28, 2017.
 - b. No addendum will be issued after December 1, 2017.
 - c. Bid opening will be December 5, 2017. Bids will be received in the Office of the City Engineer at City Hall, 109 3rd Avenue South, Suite 142, Franklin, Tennessee until 2:00 p.m. Central Time. Opening will occur thereafter at the City Hall Boardroom.
6. Select items to bring to contractor attention
- a. Section 00801, State Revolving Fund Loan Contract Requirements
 - i. This is a State Revolving Fund (SRF) project and is thus subject to the SRF rules.
 - b. Section 00300, Bid Proposal
 - i. Contractors must provide a base bid that strictly complies with the requirements of the Specifications. Not doing so may result in a bid being non-responsive.

- ii. Bids shall remain open for 90 days, excluding Saturdays, Sundays, and legal holidays, after the date of opening of the bids.
 - c. Section 00500, Contract
 - i. Substantial Completion – 1,000 calendar days after NTP
 - ii. Final Completion – 1,095 calendar days after NTP
 - iii. Liquidated damages – \$9,800 per day.
 - d. Section 01014, Construction Sequence & Maintenance of Plant Operations During Construction
 - i. The uninterrupted operation of the Franklin WRF is extremely critical. Thus, the requirements established under Section 01014 are very important and will be strictly enforced.
 - ii. Read Section 01014 carefully.
 - e. Section 01300, Submittals
 - i. All submittals other than material sample submittals must be submitted electronically by uploading to the document management system, which is likely to be Primavera Unifier.
 - ii. Submittal and RFI responses will be posted on the document management system as well.
 - iii. All other documentation will also be posted on the document management system.
- 7. Site Visits
 - a. Two site visits will be offered.
 - i. First Site Visit: Today from 1:00 p.m. to 4:00 p.m. Central Time.
 - ii. Second Site Visit: November 7, 2017, from 7:00 a.m. to 5:00 p.m. Central Time. Two-hour time slots are available. Sign-up for time slots will be on a first-come, first-served basis. Refer to the sign-up instructions attached to this agenda.
 - b. Attendance at this Pre-Bid Conference and participation in at least one site visit are MANDATORY for all contractors planning to submit a Bid Proposal on this project.
 - c. Sign in on the orange Site Visit Sign-In Sheet (not the plant's visitor log) at the Operations Building when you arrive. Bid Proposals from general contractors who have not attended at least one site visit will be rejected.
 - d. Plant Address: 135 Claude Yates Drive, Franklin, Tennessee 37064.
- 8. Questions?
- 9. Attachments
 - a. Second Site Visit Sign-Up Instructions
 - b. List of Plan Holders

**CITY OF FRANKLIN, TENNESSEE
FRANKLIN WRF MODIFICATIONS & EXPANSION PROJECT
COF CONTRACT NO. 2017-0264 / CDM SMITH PROJECT NO. 14915-96594-WRF**

BID OPENING DATE: Tuesday, December 5, 2017, at 2:00 p.m. Central Time

**INSTRUCTIONS FOR SIGNING UP FOR SECOND SITE VISIT
NOVEMBER 7, 2017
7:00 a.m. to 5:00 p.m. Central Time**

Please contact Ms. Katy Turney at CDM Smith (615-320-3161) to schedule a time slot.

The available time slots are as follows. Up to two groups can sign up for a given time slot. All times are Central Time.

- 7:00 a.m. to 9:00 a.m.
- 9:00 a.m. to 11:00 a.m.
- 1:00 p.m. to 3:00 p.m.
- 3:00 p.m. to 5:00 p.m.

SITE VISIT RULES

1. Sign-ups are limited to plan holders only.
2. Time slots are offered on a first-come, first-served basis.
3. Maximum group size is 10 people.
4. All visitors must sign in on the orange Site Visit Sign-In Sheet at the Operations Building. The tour will not begin until all members of the group have arrived and signed in.
5. A City guide will be assigned to each group. All members of the group must remain with their City guide at all times.
6. Site visits will take place rain or shine.
7. The City reserves the right to reschedule site visits if treatment plant conditions warrant.
8. Staff will not answer questions. All questions must be submitted to the Owner and Engineer in writing. Refer to the procedures for submitting questions in Section 00100, Article 4.

PLAN HOLDER LIST

City of Franklin, Tennessee - Franklin WRF Modifications & Expansion Project
COF Contract No. 2017-0264 / CDM Smith Project No. 14915-96594-WRF
Bid Opening Date: December 5, 2017, at 2:00 p.m. Central Time

Updated 10/23/17 4:50 PM			For an updated plan holder list, please contact CDM Smith at (615) 320-3161			
Bid Set No.	Contact Name	Company	Address	E-Mail	Phone	Fax
1	Kendra Buhlig	Builders Exchange of Tennessee	2322 Winford Avenue, Nashville, Tennessee 37211 and 300 Clark Street, Knoxville, Tennessee 37921	kendra@bxtn.org	615-690-7200	615-690-7201
2	Marilyn Robinson	Nashville Minority Business Center	1919 Charlotte Avenue, Suite 310, Nashville, Tennessee 37203		615-340-5004	
3	Patricia McNeese	City of Franklin Engineering Department	109 Third Avenue South, Franklin, Tennessee 37065	patricia.mcneese@franklintn.gov	615-550-6674	
4	Juan Davis	Franklin WRF	135 Claude Yates Drive, Franklin, Tennessee 37064	juand@franklintn.gov	615-791-3240	615-791-3208
5	Zack Daniel	CDM Smith	210 25 th Avenue North, Suite 1102, Nashville, Tennessee 37203	danielza@cdmsmith.com	615-320-3161	
6	Steve Judy & Clinton Jones	Judy Construction/ Smith Contractors, Inc. Joint Venture	Judy Construction: 103 South Church Street, Cynthia, Kentucky 41031; PO Box 457, Cynthia, Kentucky 41031	stjudy@judyconstructionco.com ; clones@judyconstructionco.com	859-234-6900 (Judy Construction)	859-234-3480 (Judy Construction)
7	Teresa Lee-Ross	Kiewit Infrastructure South Co.	8615 Freeport Parkway, Suite #100, Irving, Texas 75063	Teresa.LeeRoss@kiewit.com	817-805-7391	
8	Andi Neighbors	Brasfield & Gorrie	3021 7th Avenue South, Birmingham, AL 35233	ANeighbors@BrasfieldGorrie.com	205-714-1635	
9	Erik Reynolds	Garney Construction	200 Crutchfield Avenue, Nashville, TN 37210	ereynolds@garney.com	615-953-2306	
10	Codee Guffey	Judy Construction/ Smith Contractors, Inc. Joint Venture	Smith Contractors: 1241 Bypass N., Lawrenceburg, KY 40342; PO Box 480, Lawrenceburg, KY 40342	cg@sci82.com	502-839-4196 (Smith Contractors)	502-839-8348 (Smith Contractors)

PLAN HOLDER LIST

City of Franklin, Tennessee - Franklin WRF Modifications & Expansion Project
COF Contract No. 2017-0264 / CDM Smith Project No. 14915-96594-WRF

Bid Opening Date: December 5, 2017, at 2:00 p.m. Central Time

Updated 10/23/17 4:50 PM		For an updated plan holder list, please contact CDM Smith at (615) 320-3161				
Bid Set No.	Contact Name	Company	Address	E-Mail	Phone	Fax
11	Kathy Marshall	Dodge Data & Analytics	Plan Coordinator: 4300 Beltway Place, Ste 180, Arlington, TX 76018	kathy_marshall@construction.com	912-351-4504	