

RESOLUTION 2018-01

A DRAFT RESOLUTION AWARDING THE CONSTRUCTION CONTRACT (COF CONTRACT NO 2017-0264) TO KIEWIT INFRASTRUTURE SOUTH CO. IN THE AMOUNT OF \$132,890,000.00 FOR THE WATER RECLAMATION FACILITY MODIFICATIONS AND EXPANSION PROJECT

WHEREAS, the City of Franklin (City) Board of Mayor and Aldermen (BOMA) approved on March 3, 2013, COF Contract No. 2013-0001, the Water Reclamation Facility (WRF) Modifications and Expansion Project (Project) with CDM Smith, Inc. (Consultant), to provide for the design and upgrade of the WRF in order to upgrade equipment and processes to provide additional wastewater capacity as identified in the Integrated Water Resources Plan (IWRP); and

WHEREAS, on June 18, 2018, sealed bids were received in the Engineering Department, City Hall, Franklin, Tennessee and were publicly opened and read aloud for the Water Reclamation Facility Modifications and Expansion Project (COF Contract No 2017-0264); and

WHEREAS, four (4) bids were received for the construction of the Project ranging from a low of \$132,380,00.00 to a high of \$148,805,824.00 (see attached certified bid tabulation) with the low bid being submitted by Kiewit Infrastructure South Co. of Nashville, Tennessee; and

WHEREAS, four (4) additive alternates were provided that the City feels may have been warranted on this project, and received bids on these items from the Contractor; and the City selected one (1) to include as an addition to the Base Bid; this being the addition of a jet mixing system in the equalization basin to aid in the operation and maintenance of the facility; and

WHEREAS, it is the recommendation of the Consultant with concurrence of City Staff to enter into (award) the construction contract (COF Contract No. 2017-0264) with Kiewit Infrastructure South Co. in the Total Base Bid amount of ONE HUNDRED THIRTY-TWO MILLION EIGHT HUNDRED NINETY THOUSAND and NO/100 Dollars (\$132,890,000.00); and

WHEREAS, included in the Total Base Bid are several Pre-selected technologies and Allowances and a Contingency that will require some negotiation and approval during the construction of the Project; and

WHEREAS, the BOMA finds that it is in the best interest of the City and for the efficiency of performing the WRF construction contract to authorize the City Administrator and Water Management Department Director to negotiate and approve the expenditures of the Allowances and Contingency up to the limits as stipulated in the Bid Form with regular reporting of said expenditures to the BOMA; and

WHEREAS, pursuant to the specifications for the Project, Section 10.12 and Section 16.1, the City is waiving any informality due to Keiwit Infrastructure South Co. not having submitted an original signature on the Bid Form.

NOW THEREFORE, BE IT RESOLVED by the Board of Mayor and Aldermen of the City of Franklin, Tennessee, that approval is granted to waive the signature informality on the Bid Form and for the bid award to Kiewit Infrastructure South Co. for the Water Reclamation Facility Modifications and Expansion Project (COF Contract No. 2017-0264) in the amount of **ONE HUNDRED THIRTY-TWO MILLION EIGHT HUNDRED NINETY THOUSAND and NO/100 Dollars (\$132,890,000.00)**.

BE IT FURTHER RESOLVED BY THE BOARD OF MAYOR AND ALDERMEN OF THE CITY OF FRANKLIN, TENNESSEE, that the City Administrator and the Water Management Director

is hereby authorized to have authority to review and approve the spending of Allowances and Contingencies up to the limits as stipulated in the Bid Form.

IT IS SO RESOLVED AND DONE on this ___ day of _____, 2018.

ATTEST:

CITY OF FRANKLIN, TENNESSEE:

By: _____
ERIC S. STUCKEY
City Administrator

By: _____
Dr. Ken Moore
Mayor

Approved as to Form

By: _____
Shauna R. Billingsley
City Attorney



3200 Windy Hill Road
Suite 210 West
Atlanta, Georgia 30339
tel: 404 720-1400

June 22, 2018

Ms. Michelle M. Hatcher, P.E., Director
City of Franklin Water Management Department
124 Lumber Drive
Franklin, Tennessee 37064

Subject: Evaluation of Bids – Franklin WRF Modifications & Expansion Project (Re-Bid)
COF Contract No. 2017-0264

Dear Ms. Hatcher:

Bids for the above referenced project were received on June 18, 2018, until 2:00 p.m. Central Time and subsequently opened. The bidders and their Total Bids are summarized in the certified Bid Tabulation, three copies of which are attached to this letter. The bids are listed below and in the Bid Tabulation in numerical order, with the low bidder listed first.

Bidder		Total Bid
1	Kiewit Infrastructure South Co.	\$132,380,000
2	Garney Companies, Inc.	\$134,736,600 ¹
3	Oscar Renda Contracting, Inc.	\$138,867,564
4	Brasfield & Gorrie, LLC	\$148,805,824

¹ Corrected value. See Page 2 for an explanation of the correction.

Each bidder acknowledged receipt of the six Addenda issued for this project and supplied a Bid Bond in the amount of 5 percent of the Total Bid. Bids for this project are to remain firm for a period of 90 calendar days, excluding Saturdays, Sundays, and legal holidays after the actual date of the opening of the bids; the bids will expire on October 24, 2018.

Each bidder submitted a Bid Proposal containing the following information as required by the Bid Documents.

- Bid Form (Section 00300), including Part 1 – Base Bid, Part 2 – Allowance Items, and Part 3 – Bid Summary
- Bid Security (Section 00410, Bid Bond Form), including Power of Attorney





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- Affidavit of Drug-Free Workplace (Section 00440)
- Affidavit of Title VI Compliance (Section 00450)
- Affidavit of Non-Collusion (Section 00480)
- Tennessee Contractor's License Number and Subcontractors' License Information

CDM Smith checked the status of each bidder's contractor's license and subcontractors' licenses using the License Search and Verification service at the State of Tennessee Department of Commerce & Insurance's Web site (<http://verify.tn.gov/>). Each bidder possesses a valid Class MU (Municipal and Utility Construction) license or a combination of Class MU-A (Underground Piping) and MU-B (Water and Sewer Systems) licenses, with an Unlimited monetary limit. Kiewit Infrastructure South Co. also possesses a Class MU-C (Grading and Drainage) license.

Kiewit Infrastructure South Co. was the only bidder to submit evidence that it had contacted, in letters sent and tracked via Federal Express, at least 10 certified Disadvantaged Business Enterprise (DBE) subcontractors, professional service providers, suppliers, and/or equipment vendors in order to solicit their subcontract participation in the work. This evidence must be provided in accordance with the State Revolving Fund (SRF) Loan Program's Bidder's Requirements for Solicitation and Documentation of DBE Participation, found in Section 00801, SRF Contract Requirements; however, it is not required to be submitted with the bid package. The omission of this information from the other three bidders' bid packages is not grounds for rejection of their bids.

Mathematical errors were found in Garney Companies, Inc.'s and Oscar Renda Contracting, Inc.'s bid proposals. These errors are described below.

- Garney Companies, Inc.'s error was in the calculation of the Total Price for Base Bid Item 34, Over Excavation and Associated Backfill with Structural Fill. The Unit Price entered was \$32.00 per cubic yard (CY), which when multiplied by 6,200 CY should have resulted in a Total Price of \$198,400. The value Garney entered in the Total Price column was \$210,800.
- Oscar Renda Contracting, Inc. entered a Unit Price of \$1,100,000.00 for Base Bid Item 21, Scum Holding Tanks, but then entered an extra zero in the Total Price so that it read \$1,1000,000.00.

Per the instructions on Page 00300-9, in the event of a discrepancy between the unit price bid and the extension, the unit price will be deemed intended by the bidder and the extension shall be adjusted. The Total Prices were adjusted accordingly. The correction to Oscar Renda Contracting, Inc.'s bid did not affect their Total Bid amount. The Total Bid for Garney Companies, Inc., was





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reduced from \$134,749,000 to \$134,736,600. This corrected amount is included in the Bid Tabulation and in the table on the first page of this letter.

Each bidder entered prices in Part 4, Additive and Deductive Alternates for Bid. These prices are summarized at the end of the Bid Tabulation.

The following issues were identified during the review of the bids.

- Brasfield & Gorrie, LLC
 - In the Bid Form, corrections to Part 6 (Base Bid Major Equipment Items) were not initialed.
 - Also in the Bid Form, in Article 7.01A, the type of security (Bid Bond or cash or check) was not identified.
- Garney Companies, Inc.
 - See the previous page for a description of the mathematical error found in Garney Companies, Inc.'s bid.
- Kiewit Infrastructure South Co.
 - Kiewit's Bid Form did not contain all original signatures. Page 00300-31 appears to have been signed by the company's Senior Vice President, scanned, reprinted, and then signed and sealed by the Corporate Secretary. This is an informality; per Section 00100 (Instructions to Bidders), Article 7.1, Bid Proposals will be rejected if any of the signatures on the Bid Form are a reproduced copy, such as, but not limited to a photostatic copy or a facsimile transmission. However, Articles 10.12 and 16.1 allow the Owner to waive any informalities if it is in the Owner's best interest to do so. CDM Smith discussed this with Kiewit, who is providing a replacement page with original signatures.
 - In Part 6 of the Bid Form, on Page 00300-23, Kiewit selected "Other" for Section 11610 (Laboratory Fume Hoods) and entered the words "B and C" in the blank provided. It is not clear whether this entry indicates Kiewit's intention to provide products of both Fisher Hamilton LLC and Hanson Lab Furniture, who are listed in the table as Options b and c, respectively. CDM Smith discussed this with Kiewit, and Kiewit will provide clarification on this item.
 - The electrical subcontractor license classification printed on Kiewit's bid envelope did not completely match the information on the State web site. The classification CE-C was printed on the bid envelope, but Wayne J. Griffin Electric, Inc.'s actual classification is CE-





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B per the State database. The State's list of contractor classifications states that the CE-B classification was the designation for prior exam prior to 1992, but the State database indicates that the firm has been licensed in Tennessee since 1993. CDM Smith discussed this with Kiewit, and Kiewit is obtaining clarification on the license classification from Wayne J. Griffin Electric, Inc.

- The distribution of the costs in Kiewit's bid form does not appear to be balanced. Our concern is to avoid transferring this imbalance to the Schedule of Values and ending up with a front-loaded Schedule of Values. This was discussed with Kiewit, who acknowledged that the bid is unbalanced and stated that they intend to work with the City and CDM Smith to create a balanced Schedule of Values. Kiewit followed up with an e-mail confirming this.
- Oscar Renda Contracting, Inc.
 - The Bid Form was dated June 15, 2018 (the original due date for bids) instead of June 18, 2018.
 - See Page 2 for a description of the mathematical error found in Oscar Renda Contracting, Inc.'s bid.
 - In Part 3 of the Bid Form, the Total Base Bid from Part 1 was left blank. This is an informality; per Article 7.2 of the Instructions to Bidders, proposals will be rejected as being irregular if they show any omissions, and per Article 10.2, all blank spaces for Bid prices must be filled in with the unit prices for the item or the lump sum for which the Bid is made. Under Articles 10.12 and 16.1, the Owner may waive any informalities if it is in the Owner's best interest to do so.
 - In Article 7.01A of the Bid Form, the type of security (Bid Bond or cash or check) was not identified.
 - Oscar Renda Contracting, Inc., submitted an executed copy of EPA Form 6100-4, DBE Subcontractor Utilization Form. The response "No" was selected in response to the statement, "I have identified potential DBE certified subcontractors" without the requested explanation. However, this form was not required to be submitted at bid time.

Although the bid from the lowest, responsive, responsible bidder, Kiewit Infrastructure South Co., contained irregularities, these irregularities were not particularly worrisome, and we otherwise found the bid package to be responsive, professional and acceptable. Accordingly, CDM Smith recommends that the City issue a Notice of Award, contingent upon Tennessee SRF Loan Program





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approval, to Kiewit Infrastructure South Co. for the Franklin WRF Modifications and Expansion Project.

The City and CDM Smith discussed the prices Kiewit entered in Part 4, Additive and Deductive Alternates for Bid. The City wishes to accept Additive Alternate A (Addition of Jet Mixing System to EQ Tank) for Kiewit's proposed price of \$510,000. No other Additive or Deductive Alternates are accepted. The addition of \$510,000 to Kiewit's Total Bid of \$132,380,000 results in a contract amount of \$132,890,000.

The original bid packages will be returned to the City under separate cover. If you have any questions or comments, or if you require any additional information, please do not hesitate to contact me or Carrie Carden.

Sincerely,

A handwritten signature in blue ink that reads "R. P. Huguenard".

Robert P. Huguenard, P.E., BCEE
Senior Project Manager
CDM Smith Inc.

cc: Mark Hilty, City of Franklin
Brian Goodwin, City of Franklin
Zack Daniel, CDM Smith
Project File (14915-96594-WRF)



BID TABULATION SHEET

CLIENT:
CITY OF FRANKLIN, TENNESSEE
FRANKLIN WRF MODIFICATIONS AND EXPANSION PROJECT (RE-BID)
COF CONTRACT NO. 2017-0264
CDM SMITH PROJECT NO. 14915-96594-WRF

BID OPENING:
JUNE 18, 2018
2:00 P.M. LOCAL TIME

PREPARED BY:
CDM SMITH INC.
3200 WINDY HILL ROAD, SUITE 210 WEST
ATLANTA, GEORGIA 30339
(404) 720-1400

CERTIFIED AS CORRECT:

Carli D. Caud

DATE: 6/22/18



BIDDERS IN ALPHABETICAL ORDER:				Brasfield & Gorrie, LLC 3021 7th Avenue South Birmingham, AL 35233 (205) 328-4000		Garney Companies, Inc. 200 Crutchfield Avenue Nashville, TN 37210 (615) 350-7975		Kiewit Infrastructure South Co. 1700 Hayes Street, Suite 104 Nashville, TN 37203 (925) 595-8774		Oscar Renda Contracting, Inc. 608 Henrietta Creek Road Roanoke, TX 76262 (817) 491-2703	
Item No.	Item Description	Estimated Quantity	Units	Unit Price in Figures	Total Price in Figures	Unit Price in Figures	Total Price in Figures	Unit Price in Figures	Total Price in Figures	Unit Price in Figures	Total Price in Figures
PART 1 - BASE BID											
1	Mobilization and Demobilization: For All Costs Associated with Project Mobilization and Demobilization in Accordance with the Drawings and Specifications	LS	LS	\$ 800,000.00	\$ 800,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00
2	Electrical Building Structure	LS	LS	\$ 3,633,000.00	\$ 3,633,000.00	\$ 6,285,000.00	\$ 6,285,000.00	\$ 2,500,000.00	\$ 2,500,000.00	\$ 16,000,000.00	\$ 16,000,000.00
3	Headworks	LS	LS	\$ 9,000,000.00	\$ 9,000,000.00	\$ 12,089,000.00	\$ 12,089,000.00	\$ 7,000,000.00	\$ 7,000,000.00	\$ 12,500,000.00	\$ 12,500,000.00
4	Equalization Basin	LS	LS	\$ 7,940,000.00	\$ 7,940,000.00	\$ 9,209,000.00	\$ 9,209,000.00	\$ 7,999,996.00	\$ 7,999,996.00	\$ 14,000,000.00	\$ 14,000,000.00
5	Alum System	LS	LS	\$ 1,440,000.00	\$ 1,440,000.00	\$ 1,725,000.00	\$ 1,725,000.00	\$ 850,000.00	\$ 850,000.00	\$ 1,100,000.00	\$ 1,100,000.00
6	BNR Distribution Box	LS	LS	\$ 307,000.00	\$ 307,000.00	\$ 810,000.00	\$ 810,000.00	\$ 750,000.00	\$ 750,000.00	\$ 500,000.00	\$ 500,000.00
7	Structural repairs to BNR Basins 1 and 2 as shown on Drawing S-12:										
	7A. Repairs to slab and wall expansion joints (Repair Notes 1, 2, and 3)	1,730	LF	\$ 9.00	\$ 15,570.00	\$ 41.00	\$ 70,930.00	\$ 10.00	\$ 17,300.00	\$ 7.00	\$ 12,110.00
	7B. Repairs to cracked and spalled concrete (Repair Notes 4, 5, 6, 7, 9, and 11)	110	SF	\$ 495.00	\$ 54,450.00	\$ 106.00	\$ 11,660.00	\$ 80.00	\$ 8,800.00	\$ 45.00	\$ 4,950.00
	7C. Repairs to cracked and spalled concrete at beam bearing connection to existing wall (Repair Note 10)	10	SF	\$ 515.00	\$ 5,150.00	\$ 256.00	\$ 2,560.00	\$ 120.00	\$ 1,200.00	\$ 160.00	\$ 1,600.00
	7D. Repairs to exposed reinforcing (Repair Note 8)	40	SF	\$ 545.00	\$ 21,800.00	\$ 179.00	\$ 7,160.00	\$ 100.00	\$ 4,000.00	\$ 80.00	\$ 3,200.00
8	Modifications to Existing Mechanical Surface Aerators at BNR Basins 1, 2, and 3 (See Section 11372 and Appendix F)	LS	LS	\$ 146,011.00	\$ 146,011.00	\$ 146,011.00	\$ 146,011.00	\$ 146,011.00	\$ 146,011.00	\$ 146,011.00	\$ 146,011.00
9	BNR Basin Improvements	LS	LS	\$ 3,945,000.00	\$ 3,945,000.00	\$ 5,112,000.00	\$ 5,112,000.00	\$ 1,000,000.00	\$ 1,000,000.00	\$ 4,250,000.00	\$ 4,250,000.00
10	Clarifier Distribution Box	LS	LS	\$ 582,000.00	\$ 582,000.00	\$ 906,000.00	\$ 906,000.00	\$ 400,000.00	\$ 400,000.00	\$ 2,500,000.00	\$ 2,500,000.00
11	WAS Pumps	LS	LS	\$ 583,000.00	\$ 583,000.00	\$ 470,000.00	\$ 470,000.00	\$ 2,400,000.00	\$ 2,400,000.00	\$ 300,000.00	\$ 300,000.00
12	Retrofit of Scum Pumps	LS	LS	\$ 8,869.00	\$ 8,869.00	\$ 8,869.00	\$ 8,869.00	\$ 8,869.00	\$ 8,869.00	\$ 8,869.00	\$ 8,869.00
13	Structural Repairs to Spalled Concrete at the Return Sludge Pump Station as Shown on Drawing S-24	LS	LS	\$ 26,000.00	\$ 26,000.00	\$ 29,700.00	\$ 29,700.00	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00
14	Replacement of Filter Media in ABW Filter 1	LS	LS	\$ 64,000.00	\$ 64,000.00	\$ 80,000.00	\$ 80,000.00	\$ 40,000.00	\$ 40,000.00	\$ 180,000.00	\$ 180,000.00

BID TABULATION SHEET

CLIENT:
CITY OF FRANKLIN, TENNESSEE
FRANKLIN WRF MODIFICATIONS AND EXPANSION PROJECT (RE-BID)
COF CONTRACT NO. 2017-0264
CDM SMITH PROJECT NO. 14915-96594-WRF

BID OPENING:
JUNE 18, 2018
2:00 P.M. LOCAL TIME

PREPARED BY:
CDM SMITH INC.
3200 WINDY HILL ROAD, SUITE 210 WEST
ATLANTA, GEORGIA 30339
(404) 720-1400

CERTIFIED AS CORRECT:

Caroli D. Card

DATE: 6/22/18



BIDDERS IN ALPHABETICAL ORDER:				Brasfield & Gorrie, LLC 3021 7th Avenue South Birmingham, AL 35233 (205) 328-4000		Garney Companies, Inc. 200 Crutchfield Avenue Nashville, TN 37210 (615) 350-7975		Kiewit Infrastructure South Co. 1700 Hayes Street, Suite 104 Nashville, TN 37203 (925) 595-8774		Oscar Renda Contracting, Inc. 608 Henrietta Creek Road Roanoke, TX 76262 (817) 491-2703	
Item No.	Item Description	Estimated Quantity	Units	Unit Price in Figures	Total Price in Figures	Unit Price in Figures	Total Price in Figures	Unit Price in Figures	Total Price in Figures	Unit Price in Figures	Total Price in Figures
15	ABW Filters Demolition and Modifications	LS	LS	\$ 157,000.00	\$ 157,000.00	\$ 1,194,000.00	\$ 1,194,000.00	\$ 160,000.00	\$ 160,000.00	\$ 1,600,000.00	\$ 1,600,000.00
16	Denitrification Filter Modifications	LS	LS	\$ 387,000.00	\$ 387,000.00	\$ 1,267,000.00	\$ 1,267,000.00	\$ 150,000.00	\$ 150,000.00	\$ 1,450,000.00	\$ 1,450,000.00
17	New UV Disinfection System: Work Not Captured under Base Bid Item No. 18	LS	LS	\$ 2,239,000.00	\$ 2,239,000.00	\$ 1,671,000.00	\$ 1,671,000.00	\$ 400,000.00	\$ 400,000.00	\$ 2,700,000.00	\$ 2,700,000.00
18	Pre-Negotiated Ultraviolet (UV) Disinfection System and Services as Supplied by TrojanUV (See Section 11265 and Appendix B)	LS	LS	\$ 806,353.00	\$ 806,353.00	\$ 806,353.00	\$ 806,353.00	\$ 806,353.00	\$ 806,353.00	\$ 806,353.00	\$ 806,353.00
19	Reclaimed Water Pump Station Modifications	LS	LS	\$ 1,090,000.00	\$ 1,090,000.00	\$ 1,815,000.00	\$ 1,815,000.00	\$ 100,000.00	\$ 100,000.00	\$ 2,000,000.00	\$ 2,000,000.00
20	Existing UV Structure Demolition and Modifications	LS	LS	\$ 20,000.00	\$ 20,000.00	\$ 722,000.00	\$ 722,000.00	\$ 30,000.00	\$ 30,000.00	\$ 17,000.00	\$ 17,000.00
21	Scum Holding Tanks	LS	LS	\$ 500,000.00	\$ 500,000.00	\$ 377,000.00	\$ 377,000.00	\$ 50,000.00	\$ 50,000.00	\$ 1,100,000.00	\$ 1,100,000.00
22	WAS Storage Tank	LS	LS	\$ 1,200,000.00	\$ 1,200,000.00	\$ 115,000.00	\$ 115,000.00	\$ 500,000.00	\$ 500,000.00	\$ 3,525,000.00	\$ 3,525,000.00
23	Solids Processing Building	LS	LS	\$ 30,650,000.00	\$ 30,650,000.00	\$ 31,900,000.00	\$ 31,900,000.00	\$ 61,137,000.00	\$ 61,137,000.00	\$ 28,200,000.00	\$ 28,200,000.00
24	Digested Biosolids Storage Tank	LS	LS	\$ 752,000.00	\$ 752,000.00	\$ 984,000.00	\$ 984,000.00	\$ 75,000.00	\$ 75,000.00	\$ 150,000.00	\$ 150,000.00
25	Biosolids Odor Control System	LS	LS	\$ 1,682,000.00	\$ 1,682,000.00	\$ 646,000.00	\$ 646,000.00	\$ 50,000.00	\$ 50,000.00	\$ 1,500,000.00	\$ 1,500,000.00
26	THP Slab, Canopy and System	LS	LS	\$ 870,000.00	\$ 870,000.00	\$ 1,730,000.00	\$ 1,730,000.00	\$ 150,000.00	\$ 150,000.00	\$ 1,000,000.00	\$ 1,000,000.00
27	Pre-Negotiated Thermal Hydrolysis Pretreatment (THP) System and services as supplied by Cambi, Inc. (See Section 11351 and Appendix C)	LS	LS	\$ 3,232,721.00	\$ 3,232,721.00	\$ 3,232,721.00	\$ 3,232,721.00	\$ 3,232,721.00	\$ 3,232,721.00	\$ 3,232,721.00	\$ 3,232,721.00
28	Anaerobic Digesters	LS	LS	\$ 4,045,000.00	\$ 4,045,000.00	\$ 3,393,000.00	\$ 3,393,000.00	\$ 800,000.00	\$ 800,000.00	\$ 2,000,000.00	\$ 2,000,000.00
29	Digester Building	LS	LS	\$ 7,665,000.00	\$ 7,665,000.00	\$ 11,035,000.00	\$ 11,035,000.00	\$ 20,900,000.00	\$ 20,900,000.00	\$ 10,000,000.00	\$ 10,000,000.00
30	Combined Heat and Power (CHP) System	LS	LS	\$ 5,154,000.00	\$ 5,154,000.00	\$ 5,400,000.00	\$ 5,400,000.00	\$ 700,000.00	\$ 700,000.00	\$ 3,600,000.00	\$ 3,600,000.00
31	Other Elevated Piping Systems	LS	LS	\$ 28,680,000.00	\$ 28,680,000.00	\$ 5,000.00	\$ 5,000.00	\$ 20,000.00	\$ 20,000.00	\$ 250,000.00	\$ 250,000.00
32	Demolition not Included in Other Base Bid Items	LS	LS	\$ 1,695,000.00	\$ 1,695,000.00	\$ 1,815,000.00	\$ 1,815,000.00	\$ 40,000.00	\$ 40,000.00	\$ 250,000.00	\$ 250,000.00
33	Rock and Boulder Excavation	3,200	Tons	\$ 62.00	\$ 198,400.00	\$ 30.00	\$ 96,000.00	\$ 40.00	\$ 128,000.00	\$ 65.00	\$ 208,000.00
34	Over Excavation and Associated Backfill with Structural Fill	6,200	CY	\$ 45.00	\$ 279,000.00	\$ 32.00	\$ 198,400.00	\$ 21.00	\$ 130,200.00	\$ 11.00	\$ 68,200.00

BID TABULATION SHEET

CLIENT:
 CITY OF FRANKLIN, TENNESSEE
 FRANKLIN WRF MODIFICATIONS AND EXPANSION PROJECT (RE-BID)
 COF CONTRACT NO. 2017-0264
 CDM SMITH PROJECT NO. 14915-96594-WRF

BID OPENING:
 JUNE 18, 2018
 2:00 P.M. LOCAL TIME

PREPARED BY:
 CDM SMITH INC.
 3200 WINDY HILL ROAD, SUITE 210 WEST
 ATLANTA, GEORGIA 30339
 (404) 720-1400

CERTIFIED AS CORRECT:

Carl D. Carl
 DATE: 6/22/18



BIDDERS IN ALPHABETICAL ORDER:				Brasfield & Gorrie, LLC 3021 7th Avenue South Birmingham, AL 35233 (205) 328-4000		Garney Companies, Inc. 200 Crutchfield Avenue Nashville, TN 37210 (615) 350-7975		Kiewit Infrastructure South Co. 1700 Hayes Street, Suite 104 Nashville, TN 37203 (925) 595-8774		Oscar Renda Contracting, Inc. 608 Henrietta Creek Road Roanoke, TX 76262 (817) 491-2703	
Item No.	Item Description	Estimated Quantity	Units	Unit Price in Figures	Total Price in Figures	Unit Price in Figures	Total Price in Figures	Unit Price in Figures	Total Price in Figures	Unit Price in Figures	Total Price in Figures
35	Temporary Erosion and Sedimentation Control	LS	LS	\$ 209,000.00	\$ 209,000.00	\$ 229,000.00	\$ 229,000.00	\$ 118,000.00	\$ 118,000.00	\$ 200,000.00	\$ 200,000.00
36	Long Term Revegetation and Stabilization	LS	LS	\$ 63,000.00	\$ 63,000.00	\$ 50,000.00	\$ 50,000.00	\$ 90,000.00	\$ 90,000.00	\$ 50,000.00	\$ 50,000.00
37	Temporary Access Road	LS	LS	\$ 219,000.00	\$ 219,000.00	\$ 332,000.00	\$ 332,000.00	\$ 113,000.00	\$ 113,000.00	\$ 200,000.00	\$ 200,000.00
38	Paving	LS	LS	\$ 738,000.00	\$ 738,000.00	\$ 775,000.00	\$ 775,000.00	\$ 660,000.00	\$ 660,000.00	\$ 550,000.00	\$ 550,000.00
39	Additional Photographic Services as Requested by the Owner per Section 01322										
	39A. Photographer's mobilization / demobilization (trip) cost	10	Trips	\$ 150.00	\$ 1,500.00	\$ 150.00	\$ 1,500.00	\$ 150.00	\$ 1,500.00	\$ 155.00	\$ 1,550.00
	39B. Photographer's hourly rate	40	Hours	\$ 150.00	\$ 6,000.00	\$ 150.00	\$ 6,000.00	\$ 300.00	\$ 12,000.00	\$ 200.00	\$ 8,000.00
40	On-Call Assistance and Maintenance Supervision for the Pre-Dewatering Centrifuges	4	Weeks	\$ 8,000.00	\$ 32,000.00	\$ 7,000.00	\$ 28,000.00	\$ 8,000.00	\$ 32,000.00	\$ 8,000.00	\$ 32,000.00
41	Hauling, Alkalinity Addition, Reconstitution, Heating, and Injection of Seed Sludge for the Anaerobic Digesters (See Section 01666)	135	Tons	\$ 400.00	\$ 54,000.00	\$ 730.00	\$ 98,550.00	\$ 430.00	\$ 58,050.00	\$ 200.00	\$ 27,000.00
42	Commissioning Services for the Biosolids Treatment System	LS	LS	\$ 421,000.00	\$ 421,000.00	\$ 265,000.00	\$ 265,000.00	\$ 500,000.00	\$ 500,000.00	\$ 50,000.00	\$ 50,000.00
43	Electrical Subcontractor Costs Not Captured under Other Bid Items	LS	LS	\$ 16,600,000.00	\$ 16,600,000.00	\$ 6,800,000.00	\$ 6,800,000.00	\$ 10,400,000.00	\$ 10,400,000.00	\$ 12,000,000.00	\$ 12,000,000.00
44	PCSS Equipment, Materials and Services	LS	LS	\$ 3,000,000.00	\$ 3,000,000.00	\$ 2,050,000.00	\$ 2,050,000.00	\$ 2,100,000.00	\$ 2,100,000.00	\$ 2,000,000.00	\$ 2,000,000.00
45	All Other Work under the Bidding Documents, Complete as Indicated on the Drawings and Specifications, Exclusive of Base Bid Items 1 through 44 Listed Above	LS	LS	\$ 2,508,000.00	\$ 2,508,000.00	\$ 13,156,186.00	\$ 13,156,186.00	\$ 20,000.00	\$ 20,000.00	\$ 3,000,000.00	\$ 3,000,000.00
46	Owner's Contingency	N/A	N/A	N/A	\$ 4,000,000.00	N/A	\$ 4,000,000.00	N/A	\$ 4,000,000.00	N/A	\$ 4,000,000.00
TOTAL, PART 1 - BASE BID (Items 1 through 46) (CALCULATED IN THIS SPREADSHEET)					\$ 147,725,824.00		\$ 133,656,600.00		\$ 131,300,000.00		\$ 137,787,564.00
TOTAL, PART 1 - BASE BID (Items 1 through 46) (ENTERED BY BIDDER ON BID FORM)					\$ 147,725,824.00		\$ 133,669,000.00		\$ 131,300,000.00		\$ 137,787,564.00

BID TABULATION SHEET

CLIENT:
CITY OF FRANKLIN, TENNESSEE
FRANKLIN WRF MODIFICATIONS AND EXPANSION PROJECT (RE-BID)
COF CONTRACT NO. 2017-0264
CDM SMITH PROJECT NO. 14915-96594-WRF

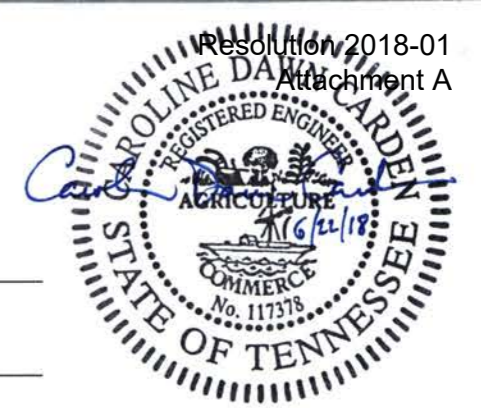
BID OPENING:
JUNE 18, 2018
2:00 P.M. LOCAL TIME

PREPARED BY:
CDM SMITH INC.
3200 WINDY HILL ROAD, SUITE 210 WEST
ATLANTA, GEORGIA 30339
(404) 720-1400

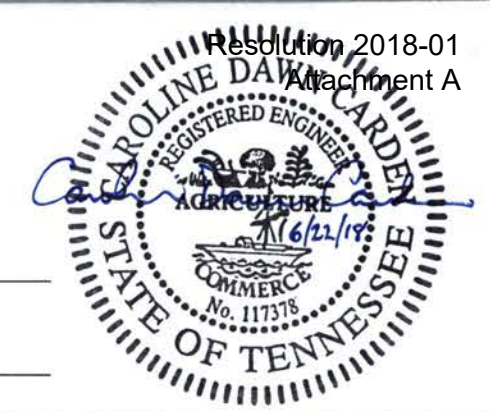
CERTIFIED AS CORRECT:

Carlin D. Carl

DATE: 6/22/18



BIDDERS IN ALPHABETICAL ORDER:				Brasfield & Gorrie, LLC 3021 7th Avenue South Birmingham, AL 35233 (205) 328-4000		Garney Companies, Inc. 200 Crutchfield Avenue Nashville, TN 37210 (615) 350-7975		Kiewit Infrastructure South Co. 1700 Hayes Street, Suite 104 Nashville, TN 37203 (925) 595-8774		Oscar Renda Contracting, Inc. 608 Henrietta Creek Road Roanoke, TX 76262 (817) 491-2703	
Item No.	Item Description	Estimated Quantity	Units	Unit Price in Figures	Total Price in Figures	Unit Price in Figures	Total Price in Figures	Unit Price in Figures	Total Price in Figures	Unit Price in Figures	Total Price in Figures
PART 2 - ALLOWANCE ITEMS											
1	Allowance for procurement of equipment and furnishings for the Solids Processing Building laboratory and control room	As determined by the Engineer		\$ 70,000.00	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00
2	Allowance for inspection and refurbishment or replacement, as needed, of existing discharge valves at the Reuse Pump Station	As determined by the Engineer		\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
3	Allowance for structural modifications associated with the selection of a Pre-Dewatering Centrifuge differing from that shown on the Drawings	As determined by the Engineer		\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
4	Allowance for structural modifications associated with the selection of a Post-Dewatering Screw Press differing from that shown on the Drawings	As determined by the Engineer		\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
5	Allowance for the purchase and installation of ground cover, shrubbery, plants, and trees as specified by the City of Franklin Building & Neighborhood Services Department	As determined by the Engineer		\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
6	Allowance for improvements to and refurbishment of the remaining ABW Filter	As determined by the Engineer		\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
7	Allowance for materials testing (See Section 01400)	As determined by the Engineer		\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00
8	Allowance for Middle Tennessee Electrical Membership Corporation (MTEMC) fees	Fee to be negotiated with MTEMC		\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00
9	Allowance for purchase and delivery of spare parts	As determined by the Engineer		\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00
TOTAL, PART 2 - ALLOWANCE ITEMS (Items 1 through 9)					\$ 1,080,000.00		\$ 1,080,000.00		\$ 1,080,000.00		\$ 1,080,000.00



BID TABULATION SHEET

CLIENT:
CITY OF FRANKLIN, TENNESSEE
FRANKLIN WRF MODIFICATIONS AND EXPANSION PROJECT (RE-BID)
COF CONTRACT NO. 2017-0264
CDM SMITH PROJECT NO. 14915-96594-WRF

BID OPENING:
JUNE 18, 2018
2:00 P.M. LOCAL TIME

PREPARED BY:
CDM SMITH INC.
3200 WINDY HILL ROAD, SUITE 210 WEST
ATLANTA, GEORGIA 30339
(404) 720-1400

CERTIFIED AS CORRECT:

Carol D. Card

DATE: 6/22/18

BIDDERS IN ALPHABETICAL ORDER:				Brasfield & Gorrie, LLC 3021 7th Avenue South Birmingham, AL 35233 (205) 328-4000		Garney Companies, Inc. 200 Crutchfield Avenue Nashville, TN 37210 (615) 350-7975		Kiewit Infrastructure South Co. 1700 Hayes Street, Suite 104 Nashville, TN 37203 (925) 595-8774		Oscar Renda Contracting, Inc. 608 Henrietta Creek Road Roanoke, TX 76262 (817) 491-2703	
Item No.	Item Description	Estimated Quantity	Units	Unit Price in Figures	Total Price in Figures	Unit Price in Figures	Total Price in Figures	Unit Price in Figures	Total Price in Figures	Unit Price in Figures	Total Price in Figures
PART 3 - BID SUMMARY											
TOTAL PART 1 - BASE BID (CALCULATED)					\$ 147,725,824.00		\$ 133,656,600.00		\$ 131,300,000.00		\$ 137,787,564.00
TOTAL PART 2 - ALLOWANCE ITEMS					\$ 1,080,000.00		\$ 1,080,000.00		\$ 1,080,000.00		\$ 1,080,000.00
TOTAL BID (CALCULATED IN THIS SPREADSHEET)					\$ 148,805,824.00		\$ 134,736,600.00		\$ 132,380,000.00		\$ 138,867,564.00
TOTAL PART 1 - BASE BID (ENTERED BY BIDDER ON BID FORM)					\$ 147,725,824.00		\$ 133,669,000.00		\$ 131,300,000.00		\$ 137,787,564.00
TOTAL PART 2 - ALLOWANCE ITEMS					\$ 1,080,000.00		\$ 1,080,000.00		\$ 1,080,000.00		\$ 1,080,000.00
TOTAL BID (ENTERED BY BIDDER ON BID FORM)					\$ 148,805,824.00		\$ 134,749,000.00		\$ 132,380,000.00		\$ 138,867,564.00

PART 4 - ADDITIVE AND DEDUCTIVE ALTERNATES FOR BID											
Additive Alternate A - Addition of Jet Mixing System to EQ Tank	LS	N/A	\$ 450,000.00	N/A	\$ 950,000.00	N/A	\$ 510,000.00	N/A	\$ 320,000.00		
Additive Alternate B - Additional Demolition in Existing Sludge Treatment Area	LS	N/A	\$ 440,000.00	N/A	\$ 405,000.00	N/A	\$ 839,000.00	N/A	\$ 215,000.00		
Additive Alternate C - Demolition of Existing Headworks	LS	N/A	\$ 170,000.00	N/A	\$ 180,000.00	N/A	\$ 316,000.00	N/A	\$ 90,000.00		
Additive Alternate D - Change Electrical Building from Precast to CMU	LS	N/A	\$ 30,000.00	N/A	\$ 95,000.00	N/A	NO BID	N/A	\$ 10,000.00		
Deductive Alternate A (Not Used)	LS	N/A	\$ -	N/A	\$ -	N/A	\$ -	N/A	\$ -		
Deductive Alternate B (Not Used)	LS	N/A	\$ -	N/A	\$ -	N/A	\$ -	N/A	\$ -		
Deductive Alternate C - Change SBS Roofing Systems to TPO	LS	N/A	\$ 23,000.00	N/A	\$ 19,000.00	N/A	\$ 30,000.00	N/A	\$ 65,000.00		
Deductive Alternate D - Construct Berms Instead of Hauling Excess Material	LS	N/A	\$ 115,000.00	N/A	\$ 40,000.00	N/A	\$ 1,000.00	N/A	\$ 80,000.00		