

AGENDA ITEM SUMMARY
October 16, 2023, City Council Meeting
Item Number: 10



Presented by: Mike Clark

Finance Department

ITEM SUMMARY:

Request adoption of a Budget Amendment Resolution to Amend the FY 2023-2024 Budget to appropriate additional funds pertaining to the sewer construction project and the water plant upgrade project, as described in Exhibit A.

SPECIAL CONSIDERATIONS OR CONCERNS:

STAFF RECOMMENDATION:

Staff recommends adoption of the Budget Amendment Resolution

FINANCIAL IMPACT:

Increases the Water Sewer Fund Budget Revenues and Expenditures by \$100,000.00.

FUNDING SOURCE:

N/A

ATTACHMENTS:

Exhibit A

OTHER DEPARTMENTAL REVIEW NEEDED:

☒ Yes

☐ No

OTHER DEPARTMENTAL REVIEW

☒ Water/Sewer Operations

**STATE OF GEORGIA
CITY OF MCDONOUGH**

RESOLUTION NO. _____

**A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF MCDONOUGH,
GEORGIA AMENDING THE FISCAL YEAR 2023-2024 BUDGET; ADJUSTING,
RECLASSIFYING, AND CORRECTING CERTAIN REVENUES AND EXPENDITURES, BY
FUND, AS REFLECTED IN THE SCHEDULE OF BUDGET AMENDMENTS:**

WHEREAS, The Mayor and Council of the City of McDonough approved transactions and budget adjustments that effect the Annual Budget Document of the City for fiscal year 2023-2024;

WHEREAS, The Annual Budget Document should be amended to reflect the adjustments, reclassifications, and corrections approved by the Mayor and Council of the City of McDonough;

WHEREAS, The Code of Ordinances of the City of McDonough requires amendments to the Annual Budget Document by made by Resolution;

WHEREAS, State law authorizes the City to amend its budget in order to adapt to changing governmental needs, under O.C.G.A. § 36-81-3(d).

NOW, THEREFORE BE IT RESOLVED, as follows:

Section 1. The City of McDonough Budget for the Fiscal Year ending June 30, 2024, is hereby amended to reflect the fund-level adjustments, reclassifications, and corrections as specifically set out in the attached Exhibit "A."

Section 2. All resolutions, ordinances or portions thereof in conflict with the provisions of this Resolution are hereby repealed.

Section 3. This Resolution shall become effective immediately upon adoption.

SO RESOLVED this 16th Day of October 2023.

CITY OF MCDONOUGH, GEORGIA

Sandra Vincent, Mayor

Attest: _____
Christy L. Taylor, City Clerk

City of McDonough
 Budget Amendment No. 1
 Fiscal Year 2023-2024

Description	Account Number	Original Budget	Amendment Increase (Decrease)	Amended Budget	Explanation
Water Sewer Fund:					
Revenues:					
Net Asset Reserves	505-4.37.1000	\$ 1,125,529	\$ 810,837	\$ 1,936,366	Increase in Sewer Construction Increase in Water Plant Upgrade Total Net Asset Reserves
					\$ 100,000 710,837 <u>\$ 810,837</u>
Proceeds from GEFA Financing	505-4.39.3300	\$ 7,200,000	2,205,250 <u>\$ 3,016,087</u>	\$ 9,405,250	Increase in Water Plant Upgrade Cost
Expenses:					
Capital Outlay - Sewer Project	505-5.4331.54.2599	\$ 850,000	100,000	\$ 950,000	Contract Cost - RDJE, Inc
Capital Outlay - Water Plant	505-5.4420.54.2599	\$ 7,240,000	2,916,087	\$ 10,156,087	Contract Cost - P. F. Moon Company, Inc.
			<u>\$ 3,016,087</u>		

AGENDA ITEM SUMMARY
October 16, 2023, City Council Meeting
Item Number: 12



Presented by: Steve Morgan, City Administrator

Wastewater Department

ITEM SUMMARY:

Request approval for Cornerstone Mechanical to make emergency repairs to Orbal A center shaft and bearings. Shaft failed due to a premature bearing failure.

SPECIAL CONSIDERATIONS OR CONCERNS:

Without the center of Orbal A mixing we are not getting as much dissolved oxygen in the water as we would like. Orbal needs to be fully operational for optimal treatment.

STAFF RECOMMENDATION:

Staff recommends approval.

FINANCIAL IMPACT:

\$34,495.00

FUNDING SOURCE:

Line Item - 505-5.4335.52.2200

ATTACHMENTS:

Cornerstone Mechanical estimate #1140
GoForth Williamson Quote:223929

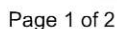
OTHER DEPARTMENTAL REVIEW NEEDED:

☒ Yes

☐ No

OTHER DEPARTMENTAL REVIEW

☒ Finance





Goforth Williamson, Inc.
 Mail To: 373 O'Dell Road
 Ship To: 377 O'Dell Road
 Griffin, GA 30224
 United States of America

Ph: 770-467-0303

Fax: 770-467-0301

Quote

ID: 223929

Date: 26-Sep-23

To

McDonough, City of
 136 Keys Ferry St.
 McDonough, GA 30253
 United States of America

Quote To

Jeremy Newton
 City of McDonough
 107 Turner Church Rd
 McDonough, GA 30253
 United States of America

Ph: 770-957-3915

Ph: 770-957-3915

Terms		Ship Via		Salesperson
Net 30 Days		GWI Truck		JGBOS
Quantity	Description	Unit Price	Amount	
	Line: 002 Part: NEW PILLOW BLOCK BEARINGS If Required Expiration Date: 26-Oct-23 Rev: BUDGET Scope of Work: 1. Provide and install the following parts: a. 1 ea. – Dodge Pillow Block Bearing (Fixed) b. 1 ea. – Dodge Pillow Block Bearing (Floating) Note: This quote is for budgetary purposes, any work outside the above scope of work will require a revised scope and quote. No further work will be performed without approval of changes. Note: GWI will provide a 1-year warranty on materials and workmanship. Quote prepared by Jonathan Keirns / Engineering Manager For the above scope of work, GWI Quotes			
1	ea	\$4,430.00	\$4,430.00	
	PLEASE NOTE: 1. Freight: FOB Origin, ground freight prepaid and charged to curbside of first location. 2. Price "does not" reflect Sales Tax, Documentation, Drawings, or Special Paperwork. 3. We can now accept Visa, Mastercard, American Express and Discover. Please contact us if you would like to pay via credit card. 4. Please reference Quote on Purchase order and send your Purchase orders to PurchaseOrders@GoforthWilliamson.com THANK YOU FOR THE OPPORTUNITY TO PROVIDE THIS QUOTE. PLEASE CALL 770-467-0303, OR YOUR SALES REP, IF YOU HAVE ANY QUESTIONS.	Total:	\$39,410.00	

Cornerstone Mechanical
PO Box 3095
Peachtree City, GA 30269
(770) 742-3321
jessie@cornerstoneh2o.com
<https://www.cornerstone-mechanical.com>



Estimate

ADDRESS

City of McDonough
City Hall
136 Keys Ferry St.
McDonough, GA 30253

SHIP TO

City of McDonough
McDonough WWTP
107 Turner Church Road
McDonough, GA 30253
Attn: Jeremy Newton

ESTIMATE # 1140**DATE 09/14/2023****EXPIRATION DATE 10/14/2023**

ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
Field Services	Aerator Shaft and Drive Replacement 1. Mobilize to City of McDonough WWTP 2. Provide Crane Services 3. Uncouple and remove inside Aerator Shaft Assembly 4. Remove Paddle Wheels and set aside for use on the new shaft 5. Deliver shaft to Machine shop as template for new shaft 6. Manufacture new aerator shaft 7. Deliver new shaft to site 8. Provide Crane services 9. Install new aerator shaft 10. Provide and install 2 each new Pillow Block Roller Bearings 11. Assemble unit complete and test operation	1	34,495.00	34,495.00

TOTAL**\$34,495.00**

Accepted By

Accepted Date

AGENDA ITEM SUMMARY
October 16, 2023, City Council Meeting
Item Number: 11



Presented by: Steve Morgan, City Administrator

Public Works Department

ITEM SUMMARY:

Adoption of a resolution for Mayor to sign, awarding sewer system improvements for the Kalves Creek Sewer Upgrade/Project No. 212397, to RDJE, Inc. of Newnan GA, in the amount of \$942,368.50.

SPECIAL CONSIDERATIONS OR CONCERNS:

On September 7, 2023, four bids were received and RDJE, Inc was the low bidder.

STAFF RECOMMENDATION:

Award contract to RDJE, Inc of Newnan, Georgia.

FINANCIAL IMPACT:

\$942,368.50

FUNDING SOURCE:

Line Item: 505-5.4331.54.2599 Capital Outlay, \$850,000.00

\$ 100,000.00 From Net Asset Reserves Subject to budget amendment.

ATTACHMENTS:

Bid tabulation and recommendation from Turnipseed Engineers

OTHER DEPARTMENTAL REVIEW NEEDED:

☒ Yes

☐ No

OTHER DEPARTMENTAL REVIEW

☒ Finance



ATLANTA
AUGUSTA
ST. SIMONS ISLAND

September 15, 2023

Mayor and Council
City of McDonough
136 Keys Ferry Street
McDonough, Georgia 30253

Attn: Mr. Steve Morgan, City Administrator

Re: City of McDonough, Georgia
Sewerage System Improvements
Kalves Creek Sewer Upgrade
Project No. 212397

We have checked the bids received September 7, 2023, on subject project. Below is a tabulation of the bids received.

<i>Contractor</i>	<i>Total Amount Bid</i>	<i>Total Amount Bid with Alternate One</i>
1. RDJE, Inc. Newnan, Georgia	\$936,588.50	\$942,368.50
2. Helix Grading and Utility, LLC Zebulon, Georgia	\$1,118,502.50	\$1,104,302.50
3. F.S. Scarbrough, LLC Fayetteville, Georgia	\$1,274,738.90	\$1,231,303.95
4. Site Engineering, Inc. Atlanta, Georgia	\$1,324,098.00	\$1,324,098.00

As indicated, the low bidder is RDJE, Inc. of Newnan, Georgia. The low bidder included prices for certain alternatives as shown on the bid tabulation. The alternate is a structural epoxy manhole liner in lieu of polyurethane. Since the low bidder appears to have adequate experience, technical ability and financial capability to complete the project, we recommend contract award be made to RDJE, Inc. of Newnan, Georgia in the amount of \$942,368.50 with Alternate One.

We have enclosed a certified tabulation of the bids received and a sample resolution the City should consider adopting. Please forward us a copy of the City's signed resolution to award.

If you have any questions concerning our recommendations, please call us.

Yours truly,

A handwritten signature in blue ink, appearing to read "J. Lamar Rogers", with a stylized flourish at the end.

J. Lamar Rogers, P.E.
Turnipseed Engineers

JLR:km

Enclosures

cc: Mr. William VonDenBosch, Public Works Director (via email, w/enclosures)
Ms. Christy Taylor, City Clerk (via email, w/enclosures)

RESOLUTION

WHEREAS bids were received by the City of McDonough September 7, 2023, for the Kalves Creek Sewer Upgrade, and

WHEREAS the low, responsible, responsive bidder is RDJE, Inc. of Newnan, Georgia with a bid in the amount of \$942,368.50 with Alternate No. One, and

WHEREAS the low bidder, RDJE, Inc., appears to have the necessary financial and technical ability to complete the project,

BE IT THEREFORE resolved the City of McDonough hereby makes contract award of the construction contract to the low bidder, RDJE, Inc. of Newnan, Georgia, in the amount of \$942,368.50 with Alternate One.

THIS RESOLUTION was passed by a vote of _____ to _____ at a regular meeting of the Mayor and Council on _____.

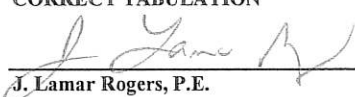
CITY OF MCDONOUGH, GEORGIA

Sandra Vincent, *Mayor*

Attest: _____
City Clerk

CITY OF MCDONOUGH, GEORGIA
KALVES CREEK SEWER UPGRADE
PROJECT NO. 212397
CERTIFIED BID TABULATION
BIDS RECEIVED SEPTEMBER 7, 2023

THIS IS TO CERTIFY THAT THIS IS A
CORRECT TABULATION


J. Lamar Rogers, P.E.
Turnipseed Engineers
Atlanta, Georgia

CITY OF MCDONOUGH, GEORGIA
KALVES CREEK SEWER UPGRADE

RDJE, Inc.
Newnan, Georgia

Helix Grading and Utility, LLC
Zebulon, Georgia

For furnishing all materials and equipment and performing all labor necessary for construction of sewerage system improvements as shown on the Drawings as specified for the following unit prices and approximate quantities shown.

ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1.			INSTALL 12" PVC GRAVITY SEWER				
a.	91	LF	6' - 8' Cut	\$180.00	\$16,380.00	\$215.00	\$19,565.00
b.	376	LF	8' - 10' Cut	\$190.00	\$71,440.00	\$215.00	\$80,840.00
c.	69	LF	10' - 12' Cut	\$200.00	\$13,800.00	\$215.00	\$14,835.00
d.	15	LF	12' - 14' Cut	\$215.00	\$3,225.00	\$215.00	\$3,225.00
2.			REMOVE AND REPLACE WITH 12" PVC GRAVITY SEWER				
a.	25	LF	6' - 8' Cut	\$180.00	\$4,500.00	\$245.00	\$6,125.00
b.	262	LF	8' - 10' Cut	\$190.00	\$49,780.00	\$245.00	\$64,190.00
c.	610	LF	10' - 12' Cut	\$200.00	\$122,000.00	\$245.00	\$149,450.00
d.	301	LF	12' - 14' Cut	\$215.00	\$64,715.00	\$245.00	\$73,745.00
e.	311	LF	14' - 16' Cut	\$250.00	\$77,750.00	\$245.00	\$76,195.00
f.	36	LF	16' - 18' Cut	\$300.00	\$10,800.00	\$245.00	\$8,820.00
3.			REMOVE AND REPLACE WITH 10" PVC GRAVITY SEWER				
a.	80	LF	0' - 6' Cut	\$210.00	\$16,800.00	\$400.00	\$32,000.00
b.	5	LF	8' - 10' Cut	\$220.00	\$1,100.00	\$400.00	\$2,000.00
c.	37	LF	10' - 12' Cut	\$230.00	\$8,510.00	\$400.00	\$14,800.00
4.			INSTALL 8" PVC GRAVITY SEWER				
a.	46	LF	8' - 10' Cut	\$140.00	\$6,440.00	\$350.00	\$16,100.00
b.	35	LF	10' - 12' Cut	\$145.00	\$5,075.00	\$350.00	\$12,250.00
c.	10	LF	12' - 14' Cut	\$150.00	\$1,500.00	\$350.00	\$3,500.00
5.			EXISTING SERVICE CONNECTIONS				
a.	40	LF	Remove and Replace 4" PVC Pipe	\$155.00	\$6,200.00	\$550.00	\$22,000.00
b.	4	LF	12" x 4" Wye or Tee (Including concrete enclosure)	\$765.00	\$3,060.00	\$1,850.00	\$7,400.00
c.	4	EA	4" - 30° or 45° Bend (Including concrete enclosure)	\$400.00	\$1,600.00	\$1,650.00	\$6,600.00
d.	4	EA	Locate and Connect to Existing Service Line (Including fitting and Fernco Coupling)	\$40.00	\$160.00	\$6,000.00	\$24,000.00
e.	40	LF	Grassing of Disturbed Area - Service Line	\$80.00	\$3,200.00	\$65.00	\$2,600.00
6.			MANHOLE FRAME AND COVER				
a.	9	EA	370# Standard	\$765.00	\$6,885.00	\$900.00	\$8,100.00
b.	2	EA	Vented	\$680.00	\$1,360.00	\$825.00	\$1,650.00
7.			4'-0" DIAM. PRECAST CONCRETE MANHOLE				
a.	125	VF	Base, Riser and Cone	\$1,120.00	\$140,000.00	\$565.00	\$70,625.00
8.	2	EA	CONSTRUCT DOGHOUSE MANHOLE OVER EXISTING SEWER LINE (INCLUDING GRAVITY SEWER LINE CONNECTIONS - IN ADDITION TO ITEMS 6 & 7	\$20,000.00	\$40,000.00	\$16,000.00	\$32,000.00
9.	6	EA	REMOVE AND REPLACE EXISTING MANHOLE (INCLUDING BY-PASS PUMPING AND PIPE CONNECTIONS - IN ADDITION TO ITEMS 6 & 7)	\$27,500.00	\$165,000.00	\$13,700.00	\$82,200.00

CITY OF MCDONOUGH, GEORGIA				RDJE, Inc.	Helix Grading and Utility, LLC		
KALVES CREEK SEWER UPGRADE				Newnan, Georgia	Zebulon, Georgia		
ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
10.	1	EA	INSTALL 8" INSIDE DROP CONNECTION, COMPLETE PER DETAIL (INCLUDING CONNECTION TO EXISTING FORCE MAIN)	\$6,000.00	\$6,000.00	\$8,000.00	\$8,000.00
11.	3	EA	CONNECT TO EXISTING GRAVITY SEWER LINE	\$3,000.00	\$9,000.00	\$3,500.00	\$10,500.00
12.	1	EA	REMOVE EXISTING MANHOLE	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00
13.	1	EA	REMOVE AND REPLACE EXISTING FRAME AND COVER WITH 370# STANDARD	\$1,400.00	\$1,400.00	\$1,000.00	\$1,000.00
14.	1	LS	ABANDON EXISTING GRAVITY SEWER AND MANHOLES	\$5,000.00	\$5,000.00	\$35,000.00	\$35,000.00
15.			LINE PROPOSED MANHOLE				
a.	5	EA	Line Proposed Manhole with Polyurethane Coating (Including Bench, Riser and Cone 0' to 5' deep)	\$2,465.00	\$12,325.00	\$5,070.00	\$25,350.00
b.	40	VF	Additional Depth for Manholes Deeper than 5' (In addition to Item 15.a.)	\$310.00	\$12,400.00	\$1,015.00	\$40,600.00
16.			REMOVE AND REPLACE PAVEMENT				
a.	30	LF	Asphalt Roadway	\$200.00	\$6,000.00	\$450.00	\$13,500.00
b.	440	LF	Gravel	\$25.50	\$11,220.00	\$160.00	\$70,400.00
17.			SOIL EROSION AND SEDIMENT CONTROL				
a.	1,790	LF	Grassing of Disturbed Areas	\$1.65	\$2,953.50	\$7.25	\$12,977.50
b.	1,200	LF	Silt Fence, Sdl-S	\$5.00	\$6,000.00	\$5.50	\$6,600.00
c.	10	SY	Riprap	\$90.00	\$900.00	\$420.00	\$4,200.00
d.	2	EA	Stone Check Dam, Cd-S	\$585.00	\$1,170.00	\$1,000.00	\$2,000.00
e.	2	EA	Haybale Check Dam, Cd-Hb	\$295.00	\$590.00	\$355.00	\$710.00
18.	60	CY	ROCK EXCAVATION	\$60.00	\$3,600.00	\$60.00	\$3,600.00
19.			STORMWATER MONITORING				
a.	1	LS	Monitoring Sites (Establishing, Constructing and Operating All Sites, Prepare and Submit Notice of Intent and Notice of Termination and all land disturbing fees per Section 3.15)	\$2,500.00	\$2,500.00	\$13,500.00	\$13,500.00
b.	10	EA	Sampling Events	\$80.00	\$800.00	\$450.00	\$4,500.00
Subtotal amount bid, Items 1 through 19 inclusive, the amount of:					\$924,138.50		\$1,089,752.50
EXTRA WORK, IF ORDERED BY ENGINEER							
20.	50	CY	ADDITIONAL CRUSHED STONE STABILIZATION (INCLUDING EXCAVATION AND UNSUITABLE MATERIAL)	\$70.00	\$3,500.00	\$100.00	\$5,000.00
21.	50	CY	SELECT BACKFILL (INCLUDING HAULING AND PLACEMENT)	\$65.00	\$3,250.00	\$100.00	\$5,000.00
22.			CONCRETE				
a.	10	CY	Class 'A'	\$195.00	\$1,950.00	\$625.00	\$6,250.00
b.	10	CY	Class 'B'	\$190.00	\$1,900.00	\$625.00	\$6,250.00
c.	10	CY	Class 'C'	\$185.00	\$1,850.00	\$625.00	\$6,250.00
Subtotal amount bid, Items 20 through 22 inclusive, the amount of:					\$12,450.00		\$28,750.00
TOTAL AMOUNT BID, ITEMS 1 THROUGH 22 INCLUSIVE, THE AMOUNT OF:					\$936,588.50		\$1,118,502.50

ALTERNATES

The Owner reserves the right to add the following alternate bid item to the work for the purpose of making contract award. Award of the contract may be with or without this item. Each bidder must fill in the unit price amount for Alternate One.

Alternate One: Line Proposed Manholes with Tnemec Epoxytec (Items 15a and 15b) In Lieu of Polyurethane Coating (sprayroq)

ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
a.	5	EA	Line Proposed Manhole with Tnemec Epoxytec (Including Bench, Riser and Cone 0' to 5' deep)	\$1,525.00	\$7,625.00	\$4,350.00	\$21,750.00
b.	40	VF	Additional Depth for Manholes Deeper than 5' (In addition to Item 15.a.)	\$572.00	\$22,880.00	\$750.00	\$30,000.00
TOTAL AMOUNT BID, ALTERNATE ONE INCLUSIVE, OF THE AMOUNT OF:					\$30,505.00		\$51,750.00

CITY OF MCDONOUGH, GEORGIA
KALVES CREEK SEWER UPGRADE

F.S. Scarbrough, LLC
Fayetteville, Georgia

Site Engineering, Inc.
Atlanta, Georgia

For furnishing all materials and equipment and performing all labor necessary for construction of sewerage system improvements as shown on the Drawings as specified for the following unit prices and approximate quantities shown.

ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1.			INSTALL 12" PVC GRAVITY SEWER				
a.	91	LF	6' - 8' Cut	\$301.88	\$27,471.08	\$331.00	\$30,121.00
b.	376	LF	8' - 10' Cut	\$307.83	\$115,744.08	\$351.00	\$131,976.00
c.	69	LF	10' - 12' Cut	\$318.69	\$21,989.61	\$388.00	\$26,772.00
d.	15	LF	12' - 14' Cut	\$359.89	\$5,398.35	\$411.00	\$6,165.00
2.			REMOVE AND REPLACE WITH 12" PVC GRAVITY SEWER				
a.	25	LF	6' - 8' Cut	\$311.16	\$7,779.00	\$331.00	\$8,275.00
b.	262	LF	8' - 10' Cut	\$322.97	\$84,618.14	\$351.00	\$91,962.00
c.	610	LF	10' - 12' Cut	\$344.85	\$210,358.50	\$388.00	\$236,680.00
d.	301	LF	12' - 14' Cut	\$379.23	\$114,148.23	\$411.00	\$123,711.00
e.	311	LF	14' - 16' Cut	\$421.42	\$131,061.62	\$430.00	\$133,730.00
f.	36	LF	16' - 18' Cut	\$495.26	\$17,829.36	\$455.00	\$16,380.00
3.			REMOVE AND REPLACE WITH 10" PVC GRAVITY SEWER				
a.	80	LF	0' - 6' Cut	\$481.06	\$38,484.80	\$331.00	\$26,480.00
b.	5	LF	8' - 10' Cut	\$571.30	\$2,856.50	\$351.00	\$1,755.00
c.	37	LF	10' - 12' Cut	\$751.79	\$27,816.23	\$388.00	\$14,356.00
4.			INSTALL 8" PVC GRAVITY SEWER				
a.	46	LF	8' - 10' Cut	\$278.90	\$12,829.40	\$285.00	\$13,110.00
b.	35	LF	10' - 12' Cut	\$288.92	\$10,112.20	\$305.00	\$10,675.00
c.	10	LF	12' - 14' Cut	\$319.00	\$3,190.00	\$335.00	\$3,350.00
5.			EXISTING SERVICE CONNECTIONS				
a.	40	LF	Remove and Replace 4" PVC Pipe	\$88.47	\$3,538.80	\$180.00	\$7,200.00
b.	4	LF	12" x 4" Wye or Tee (Including concrete enclosure)	\$1,102.48	\$4,409.92	\$1,500.00	\$6,000.00
c.	4	EA	4" - 30° or 45° Bend (Including concrete enclosure)	\$340.80	\$1,363.20	\$1,250.00	\$5,000.00
d.	4	EA	Locate and Connect to Existing Service Line (Including fitting and Fernco Coupling)	\$1,108.03	\$4,432.12	\$2,500.00	\$10,000.00
e.	40	LF	Grassing of Disturbed Area - Service Line	\$13.20	\$528.00	\$40.00	\$1,600.00
6.			MANHOLE FRAME AND COVER				
a.	9	EA	370# Standard	\$1,666.58	\$14,999.22	\$1,000.00	\$9,000.00
b.	2	EA	Vented	\$1,593.87	\$3,187.74	\$1,400.00	\$2,800.00
7.			4'-0" DIAM. PRECAST CONCRETE MANHOLE				
a.	125	VF	Base, Riser and Cone	\$916.02	\$114,502.50	\$500.00	\$62,500.00
8.	2	EA	CONSTRUCT DOGHOUSE MANHOLE OVER EXISTING SEWER LINE (INCLUDING GRAVITY SEWER LINE CONNECTIONS - IN ADDITION TO ITEMS 6 & 7)	\$8,539.67	\$17,079.34	\$6,000.00	\$12,000.00
9.	6	EA	REMOVE AND REPLACE EXISTING MANHOLE (INCLUDING BY-PASS PUMPING AND PIPE CONNECTIONS - IN ADDITION TO ITEMS 6 & 7)	\$4,269.83	\$25,618.98	\$5,000.00	\$30,000.00
10.	1	EA	INSTALL 8" INSIDE DROP CONNECTION, COMPLETE PER DETAIL (INCLUDING CONNECTION TO EXISTING FORCE MAIN)	\$8,280.46	\$8,280.46	\$10,000.00	\$10,000.00
11.	3	EA	CONNECT TO EXISTING GRAVITY SEWER LINE	\$11,159.50	\$33,478.50	\$5,000.00	\$15,000.00
12.	1	EA	REMOVE EXISTING MANHOLE	\$6,734.75	\$6,734.75	\$3,000.00	\$3,000.00
13.	1	EA	REMOVE AND REPLACE EXISTING FRAME AND COVER WITH 370# STANDARD	\$1,847.07	\$1,847.07	\$1,400.00	\$1,400.00
14.	1	LS	ABANDON EXISTING GRAVITY SEWER AND MANHOLES	\$11,819.50	\$11,819.50	\$40,000.00	\$40,000.00

CITY OF MCDONOUGH, GEORGIA KALVES CREEK SEWER UPGRADE				F.S. Scarbrough, LLC Fayetteville, Georgia	Site Engineering, Inc. Atlanta, Georgia	
ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	TOTAL PRICE
15.			LINE PROPOSED MANHOLE			
a.	5	EA	Line Proposed Manhole with Polyurethane Coating (Including Bench, Riser and Cone 0' to 5' deep)	\$8,189.06	\$40,945.30	\$30,000.00
b.	40	VF	Additional Depth for Manholes Deeper than 5' (In addition to Item 15.a.)	\$1,610.74	\$64,429.60	\$40,000.00
16.			REMOVE AND REPLACE PAVEMENT			
a.	30	LF	Asphalt Roadway	\$287.16	\$8,614.80	\$10,500.00
b.	440	LF	Gravel	\$85.19	\$37,483.60	\$37,400.00
17.			SOIL EROSION AND SEDIMENT CONTROL			
a.	1,790	LF	Grassing of Disturbed Areas	\$3.30	\$5,907.00	\$26,850.00
b.	1,200	LF	Silt Fence, Sdl-S	\$3.96	\$4,752.00	\$6,000.00
c.	10	SY	Riprap	\$96.61	\$966.10	\$1,500.00
d.	2	EA	Stone Check Dam, Cd-S	\$407.00	\$814.00	\$300.00
e.	2	EA	Haybale Check Dam, Cd-Hb	\$389.40	\$778.80	\$400.00
18.	60	CY	ROCK EXCAVATION	\$60.00	\$3,600.00	\$3,600.00
19.			STORMWATER MONITORING			
a.	1	LS	Monitoring Sites (Establishing, Constructing and Operating All Sites, Prepare and Submit Notice of Intent and Notice of Termination and all land disturbing fees per Section 3.15)	\$1,980.00	\$1,980.00	\$30,000.00
b.	10	EA	Sampling Events	\$99.00	\$990.00	\$5,000.00
Subtotal amount bid, Items 1 through 19 inclusive, the amount of:					\$1,254,768.40	\$1,282,848.00

EXTRA WORK, IF ORDERED BY ENGINEER

ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	TOTAL PRICE
20.	50	CY	ADDITIONAL CRUSHED STONE STABILIZATION (INCLUDING EXCAVATION AND UNSUITABLE MATERIAL)	\$114.51	\$5,725.50	\$8,750.00
21.	50	CY	SELECT BACKFILL (INCLUDING HAULING AND PLACEMENT)	\$123.20	\$6,160.00	\$5,500.00
22.			CONCRETE			
a.	10	CY	Class 'A'	\$324.50	\$3,245.00	\$15,000.00
b.	10	CY	Class 'B'	\$258.50	\$2,585.00	\$6,000.00
c.	10	CY	Class 'C'	\$225.50	\$2,255.00	\$6,000.00
Subtotal amount bid, Items 20 through 22 inclusive, the amount of:					\$19,970.50	\$41,250.00
TOTAL AMOUNT BID, ITEMS 1 THROUGH 22 INCLUSIVE, THE AMOUNT OF:					\$1,274,738.90	\$1,324,098.00

ALTERNATES

The Owner reserves the right to add the following alternate bid item to the work for the purpose of making contract award. Award of the contract may be with or without this item. Each bidder must fill in the unit price amount for Alternate One.

Alternate One: Line Proposed Manholes with Tnemec Epoxytec (Items 15a and 15b) In Lieu of Polyurethane Coating (sprayroq)

ITEM NO.	QTY.	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE	TOTAL PRICE
a.	5	EA	Line Proposed Manhole with Tnemec Epoxytec (Including Bench, Riser and Cone 0' to 5' deep)	\$5,095.59	\$25,477.95	\$30,000.00
b.	40	VF	Additional Depth for Manholes Deeper than 5' (In addition to Item 15.a.)	\$911.55	\$36,462.00	\$40,000.00
TOTAL AMOUNT BID, ALTERNATE ONE INCLUSIVE, OF THE AMOUNT OF:					\$61,939.95	\$70,000.00