

GWINNETT COUNTY WATER AND SEWERAGE AUTHORITY AGENDA**Monday, April 11, 2022 - 4:00 P.M.**Department of Water Resources, Training Room
684 Winder Highway, Lawrenceville, Ga. 30045

Present:

B Kerlin, C. Thompson, W. Allick, JC Lan, B. Martin

- I. Call to Order
- II. Approval of Agenda

{Action: Approved: Motion: Martin ; Second: Lan ; Vote: 5-0}
(Kerlin-Yes; Lan-Yes; Martin-Yes; Thompson-Yes; Allick-Yes)
- III. Approval of Minutes – March 7, 2022
{Action: Approved: Motion: Lan ; Second: Allick ; Vote: 5-0}
(Kerlin-Yes; Lan-Yes; Martin-Yes; Thompson-Yes; Allick-Yes)
- IV. Award of BL016-22, Middle River Interceptor sewer improvements, phase 1, to Site Engineering, Inc., amount not to exceed \$4,184,600.00. Contract to follow award. Subject to approval as to form by the Law Department.

{Action: Approved: Motion: Lan ; Second: Thompson; Vote: 5-0}
(Kerlin-Yes; Lan-Yes; Martin-Yes; Thompson-Yes; Allick-Yes)
- V. Approval to renew OS022-19, provision of products and services for Caterpillar generators on an annual contract (July 17, 2022 through July 16, 2023), with Yancey Power Systems, base amount \$2,000,000.00.

{Action: Approved: Motion: Lan; Second: Martin; Vote: 5-0}
(Kerlin-Yes; Lan-Yes; Martin-Yes; Thompson-Yes; Allick-Yes)
- VI. Approval to renew OS002-19, purchase of products and services for Xylem/Flygt submersible pumps on an annual contract (May 21, 2022 through May 20, 2023), with Xylem Water Solutions USA, Inc., base amount \$1,700,000.00.

{Action: Approved: Motion: Thompson; Second: Lan ; Vote: 5-0}
(Kerlin-Yes; Lan-Yes; Martin-Yes; Thompson-Yes; Allick-Yes)

- VII. Approval/authorization for the Chairwoman to execute a Development Participation Agreement between Gwinnett County, Gwinnett County Water and Sewerage Authority and Taylor Morrison of Georgia, LLC, to outline the responsibilities of the parties as it pertains to sewer infrastructure improvements in the vicinity of Buford Drive and Russell Road in unincorporated Gwinnett County. Taylor Morrison of Georgia, LLC will pay to Gwinnett County four hundred forty-seven thousand five hundred dollars (\$447,500.00) towards implementation of the project. Subject to approval as to form by the Law Department. Cost Estimates are attached: \$458,610 for Gwinnett County (prepared by Engineering Strategies, Inc.) and \$436,250.00 for Taylor Morrison (\$312,470 prepared by North Georgia Concrete Inc. and \$123,780 prepared by Rutland Contracting). Parties agreed to average of \$447,500.

{Action: Approved: Motion: Lan; Second: Thompson ; Vote: 5-0}
(Kerlin-Yes; Lan-Yes; Martin-Yes; Thompson-Yes; Allick-Yes

Old Business:

- VIII. Approval of the Water Distribution and Wastewater Collection Infrastructure Standards in accordance with Sections 106-22(d) and 106-98(d) of the Gwinnett County Code of Ordinances. Subject to approval as to form by the Law Department.

{Action: Tabled: Motion: Thompson; Second: Lan; Vote: 5-0}
(Kerlin-Yes; Lan-Yes; Martin-Yes; Thompson-Yes; Allick-Yes

IX. Comments

X. Adjourn

{Action: Unanimous Approval}

GWINNETT DWR (ENGINEERING STRATEGIES, INC.) COST ESTIMATE - \$458,610

**Opinion of Probable Construction Cost
Ridge Road PS Upgrades**

Items	Quantity	unit	Unit Price	Total Price
SANITARY SEWER				
12" DIP (10' to 12' deep)	12	LF	\$ 150.00	\$ 1,800.00
12" DIP (12' to 14' deep)	40	LF	\$ 160.00	\$ 6,400.00
12" DIP (14' to 16' deep)	14	LF	\$ 170.00	\$ 2,380.00
12" DIP (16' to 18' deep)	8	LF	\$ 180.00	\$ 1,440.00
4' diameter manhole	33.5	VF	\$ 400.00	\$ 13,400.00
Dog house MH base and invert	1	EA	\$ 7,500.00	\$ 7,500.00
4' diameter MH invert	1	EA	\$ 3,500.00	\$ 3,500.00
Manhole frame & cover	2	EA	\$ 2,500.00	\$ 5,000.00
Epoxy coating for manholes	420	SF	\$ 45.00	\$ 18,900.00
Sewer system testing	1	LS	\$ 1,500.00	\$ 1,500.00
TOTAL				\$ 61,820.00
SITE WORK				
Construction entrance	1	EA	\$ 3,500.00	\$ 3,500.00
Silt fence	290	LF	\$ 3.00	\$ 870.00
Clearing and grubbing	0.5	AC	\$ 10,000.00	\$ 5,000.00
Excavation	475	CY	\$ 35.00	\$ 16,625.00
De-watering	1	LS	\$ 10,000.00	\$ 10,000.00
Sub grade at 2000 PSF (note 2 sheet 7)	1	LS	\$ 5,000.00	\$ 5,000.00
6" GAB	30	TN	\$ 55.00	\$ 1,650.00
Haul off displaced material	190	CY	\$ 15.00	\$ 2,850.00
Fill - Placed and compacted to specifications	285	CY	\$ 30.00	\$ 8,550.00
Driveway and sidewalk extension	3.75	CY	\$ 600.00	\$ 2,250.00
TOTAL				\$ 56,295.00
STORAGE TANK STRUCTURAL CONCRETE				
Base slab 4000 PSI concrete	39	CY	\$ 700.00	\$ 27,300.00
Walls 4000 PSI concrete	44	CY	\$ 800.00	\$ 35,200.00
Top and beams 4000 PSI concrete	20	CY	\$ 900.00	\$ 18,000.00
Sloped floor 3000 PSI concrete	8.5	CY	\$ 500.00	\$ 4,250.00
Hydrostatic testing and leak repairs	1	LS	\$ 5,000.00	\$ 5,000.00
TOTAL				\$ 89,750.00
STORAGE TANK / MISCELANEOUS ITEMS				
Access hatch - 42" X 42" with safety grate	1	EA	\$ 5,500.00	\$ 5,500.00
4" DIP vent assembly	1	EA	\$ 1,500.00	\$ 1,500.00
Aluminum Stairs	1	EA	\$ 8,500.00	\$ 8,500.00
Aluminum Handrails for top of tank	102	LF	\$ 55.00	\$ 5,610.00
12" DIP wall pipe PE X MJ	1	EA	\$ 550.00	\$ 550.00
100 mil coating on inside of tank	1810	SF	\$ 45.00	\$ 81,450.00
Water proof Coating on outside of tank	1780	SF	\$ 40.00	\$ 71,200.00
TOTAL				\$ 174,310.00
Contingency (20%)				\$ 76,435.00
PROJECT TOTAL				\$ 458,610.00

DEVELOPER (TAYLOR MORRISON) COST ESTIMATE - Tank \$312,470



NORTH GEORGIA CONCRETE, INC.

Box Culverts ◊ Headwalls ◊ Walls ◊ Dams ◊ Bridges ◊ Poured Concrete
180 Robinson Drive Suite B ◊ PO Box 827 ◊ Fayetteville, GA ◊ phone 770-461-0040
fax 770-461-0050

January 17, 2022

PROJECT NAME: RIDGE ROAD VAULT BASED ON FINAL DESIGN

STRUCTURE: SEWER TANK

ITEM	UNIT	UNIT PRICE	AMOUNT
Vault per drawings designed by CEC	Lump	\$312,470.00	\$312,470.00

TOTAL

\$

CONDITIONS OF PROPOSAL

- BOND IS EXCLUDED FROM THIS PROPOSAL IF REQUIRED INCREASE PROPOSAL BY 1.75% OF TOTAL CONTRACT AMOUNT.
- EROSION CONTROL IS EXCLUDED.
- TRAFFIC CONTROL IS EXCLUDED.
- LAYOUT IS EXCLUDED.
- BACKFILL/ GRADING/ EXCAVATION OF STRUCTURE IS EXCLUDED.
- CLEARING IS EXCLUDED.
- SHORING IS EXCLUDED. ALL SLOPES MUST BE LAID BACK BY OTHERS. SLOPES SHALL MEET OSHA REQUIREMENTS.
- DEWATERING IS EXCLUDED.
- DRAINAGE BLANKET SUCH AS MIRIFI IN LIEU OF AGGREGATE BLANKETS BEHIND THE WALL ARE EXCLUDED.
- WATERPROOFING IS BASED ON AN ALTERNATE SYSTEM. PLANS CALL FOR EITHER MADEWELL MAINSTAY DS-5 OR RAVEN LINING #405. MY INSTALLER HAS NO PAST HISTORY FOR THESE PRODUCTS. WE HAVE BASED THE WATERPROOFING ON USING A TREMCO PRODUCT CONSISTING OF THE FOLLOWING: 2 COATS OF TREMCO EPOXY PRIMER WITH SAND TO PREVENT DELAMINATION, 1 COAT OF TREMCO PUMA BC AT 80 MILS, . WATERSTOP AT ALL JOINTS IS INCLUDED.
- PROPOSAL IS BASED ON ACCESS TO SITE BY OTHERS. ACCESS IS REQUIRED TO ALLOW DELIVERIES OF ALL MATERIALS AND EQUIPMENT. DELIVERIES OF CONCRETE, ROCK, AND EQUIPMENT MUST BE ABLE TO TRAVEL TO SITE UNDER THEIR OWN POWER. MAINTENANCE OF ACCESS ROUTE MUST BE FURNISHED BY OTHERS.
- PROPOSAL INCLUDES REQUIRED BLOCKOUTS FOR MANHOLES, PIPE, ETC. LOCATION TO BE PROVIDED BY OWNER. THE INSTALLATION OF PRECAST/BRICK STRUCTURES ABOVE TOP OF SLAB IS EXCLUDED AND MUST BE PROVIDED/INSTALLED BY OTHERS.
- EXCAVATION IS EXCLUDED. EXCAVATION MUST BE +/- .1' 0" FROM BOTTOM OF FOOTING ELEVATION. ALL SPOIL REMOVAL IS EXCLUDED.

DEVELOPER (TAYLOR MORRISON) COST ESTIMATE

- UNDERCUT BENEATH FOOTINGS IS EXCLUDED. BEARING CAPACITY MUST BE ACHIEVED TO MEET DESIGN. ANY STABILIZATION OR UNDERCUT REQUIRED CAN BE PRICED BASED ON EXTENT OF STABILIZATION.
- EXCAVATION AND OR BLASTING OF ROCK IS EXCLUDED.
- BEDDING STONE/ #57 STONE (depth of 1' 0") IS INCLUDED FOR THE QUOTED STRUCTURES.
- FINAL PLAN MUST BE FURNISHED TO DETERMINE ACTUAL LIMITS OF STRUCTURE.
- PROPOSAL IS BASED ON UTILITY CONFLICTS BEING REMOVED BY OTHERS. THE PRESENCE OF OVERHEAD ELECTRICAL LINES MUST BE RELOCATED OR DE-ENERGIZED TO ALLOW SAFE OPERATION OF ALL REQUIRED EQUIPMENT.
- TESTING FOR THE QUOTED SCOPE OF WORK IS EXCLUDED.
- DESIGN IS EXCLUDED.
- THIS PROPOSAL IS JUST FOR THE VAULT, CONCRETE PADS, DRIVEWAY, BOLLARDS, EXCAVATION ARE EXCLUDED.
- DUE TO CURRENT WORK LOAD THE PROJECT SCHEDULE AND REQUIRED RESOURCES SHOULD BE PROVIDED TO ENSURE WE CAN PERFORM THIS PORTION OF WORK. CURRENT MATERIAL AVAILABILITY MAY HINDER THE PROJECTS SCHEDULE AND SCHEDULED WORKDAYS.

If you any questions regarding this proposal, please contact me at your convenience. Thank you for the opportunity to quote this portion of work.

Sincerely,

R. Allen Harp

R. Allen Harp
President

**RUTLAND
CONTRACTING CO.**

"Service Counts"
Grading and Utilities

BOX 1005 • DECATUR, GEORGIA 30031-1005

(404) 292-1756 • FAX (404) 292-6000

31 January 2022

Submitted To: Taylor Morrison of GA LLC
4400 North Point Pkway #295
Alpharetta, Georgia 30022

Attention: Mr. Brian Taylor
(706) 255-2853

Reference: Ridge Road Pump Station Upgrade
Gwinnett County, Georgia

PROPOSAL --- Plan Sheet 3 Dated 06/21/2021 / Release Date 12/09/2021 -----

Clearing & Mobilization	1 EA	10,500.00	10,500.00
Doghouse Manhole	1 EA	30,000.00	30,000.00
Manhole #1	1 EA	24,000.00	24,000.00
12" DIP - 18vf	74 LF	390.00	28,860.00
Poured-In-Place Concrete Tank	1 EA	By Others	-
Excavate & Backfill Tank	1 EA	20,920.00	20,920.00
Dewatering	1 EA	8,000.00	8,000.00
Field Staking	1 EA	1,500.00	1,500.00
Trench Rock	1 EA	Included	-
Hauling (Import/Export)	1 EA	Included	-

Proposal Total \$ 123,780.00

Excluded:

Engineering, Permits, Fees, Erosion Control,
Pit Shoring, Pavement Restoration, Landscape Restoration,
Damages to Unmarked Utilities,