CONTRACT ADDENDUM

ADDENDUM NO.: One (1)

OWNER'S NAME: Cobb County-Marietta Water Authority

PROJECT NAME: 2020 Blow-Off Replacements

BID DATE: July 31, 2019, at 11:00 AM

DATE ISSUED: July 26, 2019

CONTRACTOR ACTION

1. Acknowledge receipt of this addendum by writing in "Addendum No. 1" on Page 00 41 13-1 of the Bid Form.

- 2. Advertisement for Bid, Page 00 11 13-1. Make the following changes in the last paragraph:
 - The time allowed for Substantial Completion is 90-150 consecutive calendar days, and the time allowed for final completion and readiness for final payment is 120 consecutive calendar days from the date of commencement.
- 3. Agreement Between Owner and Contractor, Section 00 52 00, Article 3.1, under CONTRACT TIMES. Make the following changes in this paragraph:
 - The Work will be substantially completed within 90-150 consecutive calendar days after the date when the Contract Times commence to run as provided in paragraph 2.03 of the General Conditions and completed and ready for final payment in accordance with paragraph 14.07 of the General Conditions within 120-180 consecutive calendar days after the date when the Contract Times commence to run. Construction sequencing constraints and limitations are described in Section 01 31 13, Coordination of Work.
- 4. Drawings of Proposed Work, Drawings No. 2 and 3. Replace all instances of "BUTTERFLY VALVE" with "GATE VALVE" on the proposed 12" blow-offs. No butterfly valves are proposed. All valves will be gate valves.
- 5. Bid Form or Proposal, Section 00 41 13:
 - Replace Pages 00 41 13-3.1 through 3.5 in their entirety with the attached pages. The only change was addition of the last bid item (#52).
- 6. Specifications Measurement and Payment section, Page 01 22 00:
 - Replace the last page (Page 01 22 00-13) in its entirety with the attached page.

QUESTIONS AND ANSWERS (responses provided here do not change the contract documents, other than as included in the Contractor Action items above)

Q1: On Bid Item No. 47, the saddle item is just for a saddle in lieu of a tee? Labor and miscellaneous are included in Bid Item No. 3, correct?

A1: Correct, Bid Item No. 47 is only for the cost of the saddle. Labor and miscellaneous are included in Bid Item No. 3, as adjusted by Bid Item No. 46 if a saddle is installed instead of a tee.

Q2: Can you provide a bid tabulation for the previous blow-off replacement project?

A2: The bid tabulation for the 2019 Blow-Off Replacements project is attached.

Q3: Can you provide a detail of the trail to be replaced on Bob Callan Trail?

A3: The only detail we have been able to find is attached herein (Typical Sections - Bob Callan Loop Trail). Bidders should assume that Section TS-3 with the Porous Concrete applies.

CLARIFICATION (information here supplements but does not change the contract documents)

SunTrust Park Construction Restrictions – refer to the restrictions shown in the document included herein. This may affect work in Location #7, depending on timing. The Owner does not have a preference as to the scheduling or sequencing of the replacements.

Approved by:

Pedro M. Rossello

Engineering Strategies, Inc.

Redur M. Rossello

BID FOR UNIT PRICE WORK

BID ITEM NO.	UNIT PRICE BID ITEM DESCRIPTION	EST. QTY.	<u>UNIT</u>	UNIT PRICE	TOTAL AMOUNT
1	Blow-Off Replacement in Location #1 (Pay Item 2.1)	1	LS	\$ figures	figures
2	Blow-Off Replacement in Location #2 (Pay Item 2.2)	1	LS	\$ figures	figures
3	Blow-Off Replacement in Locations #3 and #4 (Pay Item 2.3)	1	LS	figures	
4	Blow-Off Replacement in Location #5 (Pay Item 2.4)	1	LS	\$ figures	figures
5	Blow-Off Replacement in Location #6 (Pay Item 2.5)	1	LS	\$ figures	figures
6	Blow-Off Replacement in Location #7 (Pay Item 2.6)	1	LS	\$ figures	figures
7	48" x 12" Tee MJ C153 WP 250 PSI (Pay Item 2.7)	3	EA	\$ figures	figures
8	48" x 8" Tee MJ C153 WP 250 PSI (Pay Item 2.7)	4	EA	\$ figures	figures
9	48" MJ Long Sleeve C153 WP 250 PSI (Pay Item 2.8)	7	EA	\$ figures	figures
10	Water Mains 48" Push-On DIP Class 250 Gaged Full Length (Pay Item 2.9)	80	LF	\$ figures	figures
11	Water Mains 48" Restrained DIP (HP LOK OR LOK-RING) Class 250 Gaged Full Length (Pay Item 2.9)	40	LF	\$ figures	figures
12	Water Mains 16" DIP, Zinc Coated, Pressure Class 350 (Pay Item 2.9)	100	LF	\$ figures	figures
13	Water Mains 12" DIP, Zinc Coated, Pressure Class 350 (Pay Item 2.9)	200	LF	\$ figures	figures
14	Water Mains 8" DIP, Zinc Coated, Pressure Class 350 (Pay Item 2.9)	200	LF	\$ figures	figures

00 41 13-3.1 Addendum No. 1

BID FOR UNIT PRICE WORK

BID ITEM NO.	UNIT PRICE BID ITEM DESCRIPTION	EST. QTY.	<u>UNIT</u>	UNIT PRICE		TOTAL AMOUNT
15	Retainer Gland 48" WP 250 PSI (Pay Item 2.10)	28	EA	\$ figures	_\$	figures
16	Retainer Gland 16" WP 250 PSI (Pay Item 2.10)	5	EA	\$ figures	_\$	figures
17	Retainer Gland 12" WP 250 PSI (Pay Item 2.10)	20	EA	\$ figures	_\$	figures
18	Retainer Gland 8" WP 250 PSI (Pay Item 2.10)	40	EA	\$ figures	_\$	figures
19	16", 12" and 8" Ductile Iron Fittings, Zinc Coated (Pay Item 2.11)	3,900	LB	\$ figures	_\$	figures
20	Valves 12" Gate Valve, MJ x MJ (Pay Item 2.12)	5	EA	\$ figures	_\$	figures
21	Valves 8" Gate Valve, MJ x MJ (Pay Item 2.12)	8	EA	\$ figures	_\$	figures
22	Concrete Manhole Assembly, 6' Diameter, for 12" Blowoffs (Pay Item 2.13)	2	EA	\$ figures	_\$	figures
23	Concrete Manhole Assembly, Extra Payment for Sections Exceeding Ten VF, 6' Diameter (Pay Item 2.13)	20	VF	\$ figures	_\$	figures
24	Concrete Manhole Assembly, 5' Diameter, for 8" Blowoffs (Pay Item 2.13)	4	EA	\$ figures	_\$	figures
25	Concrete Manhole Assembly, Extra Payment for Sections Exceeding Ten VF, 5' Diameter (Pay Item 2.13)	20	VF	\$ figures	_\$	figures
26	Polyethylene Encasement, 12" Double Encasement (Pay Item 2.14)	200	LF	\$ figures	_\$	figures
27	Polyethylene Encasement, 8" Double Encasement (Pay Item 2.14)	200	LF	\$ figures	_\$	figures
28	Locator Marker Balls on New Pipe and Fittings (Pay Item 2.15)	21	EA	\$ figures	_\$	figures

00 41 13-3.2 Addendum No. 1

BID FOR UNIT PRICE WORK

BID ITEM NO.	UNIT PRICE BID ITEM DESCRIPTION	EST. QTY.	<u>UNIT</u>	UNIT PRICE	TOTAL AMOUNT
29	Subgrade Stabilizer Stone (Pay Item 2.16)	900	TON	\$ figures \$	figures
30	Miscellaneous Concrete (Pay Item 2.17)	50	CY	\$ figures	figures
31	Remove & Replace Gravel Driveway or Trail at Locations 3/4 and 5 (Pay Item 2.18)	600	SY	\$ figures \$	figures
32	Milling of 1.5 inches of existing asphalt at Locations 5 and 7 (Pay Item 2.19)	1,000	SY	\$ figures \$	figures
33	Paving 1.5 inches of GDOT 12.5 mm Superpave at Locations 5 and 7 (Pay Item 2.20)	1,000	SY	\$ figures \$	figures
34	Temporary Silt Fence (Pay Item 2.21)	1,000	LF	\$ figures \$	figures
35	Hay Bale Barrier (Pay Item 2.22)	20	EA	\$ figures \$	figures
36	Rock Check Dam (Pay Item 2.23)	20	EA	\$ figures \$	figures
37	Rip-Rap (Pay Item 2.24)	700	SY	\$ figures \$	figures
38	Construction Exit (Pay Item 2.25)	5	EA	\$ figures \$	
39	Straw Mulch Stabilization (Dsl) (Pay Item 2.26)	5,000	SY	\$ figures \$	figures
40	Grassing, Temporary Grassing (Ds2) (Pay Item 2.27)	5,000	SY	\$ figures \$	figures
41	Grassing, Permanent Grassing (Ds3) (Pay Item 2.27)	5,000	SY	\$ figures \$	figures
42	Storm Drain Outlet Protection (Pay Item 2.28)	5	EA	\$ figures \$	figures

00 41 13-3.3 Addendum No. 1

BID FOR UNIT PRICE WORK

BID ITEM NO.	UNIT PRICE BID ITEM DESCRIPTION	EST. QTY.	<u>UNIT</u>	<u>UNIT PRICE</u>	TOTAL AMOUNT
43	Tree Save Fence (Pay Item 2.29)	300	LF	\$ figures \$	figures
44	Valve Boxes Inside Manholes and for CCWS Outlet (Pay Item 2.30)	13	EA	\$ figures \$	figures
45	Geogrid (Tensar TriAx TX7) for Trench Repair (Pay Item 2.31)	237	SY	\$ figures \$	figures
46	Blow-Off Replacement in Location #3 - Contingency Item to Use Saddle Instead of Tee (Excluding Saddle) - Bid Price Can be a Negative Number (Pay Item 2.32)	1	LS	\$ figures \$	figures
47	48" x 12" Stainless Steel Saddle for Blow-Off Replacement in Location #3 - Contingency Item to Use Saddle Instead of Tee (Pay Item 2.33)	1	EA	\$ figures \$	figures
48	Blowoff Replacement at Location #4 - Contingency Item to Remove Existing 48" x 36" Tee (Excluding Cost of 48" FL x PE Spool Piece) (Pay Item 2.34)	1	LS	\$ figures \$	figures
49	48" Flanged x Plain End DIP Spool Piece (Pay Item 2.35)	1	EA	\$ figures \$	figures
50	Erosion Control Matting (Slopes at Locations 1, 2, and 6) (Pay Item 2.36)	1,700	SY	\$ figures \$	figures
51	Mobilization, limited to 4% of Total Base Bid Amount (Pay Item 2.37)	1	LS	\$ figures \$	figures
52	Contingency Item in Case Access to Locations 1 and 2 is Not Granted by GDOT from the I-285 Ramp (Pay Item 2.38)	1	LS	\$ figures \$	figures
	UNIT PRICE SUB-TOTAL (ITEMS 1 THROUGH 5	52)		\$ Numerals Only	
	WANCES			-	
A1	Allowance for Force Account Work	1	LS	\$ 5,000.00 \$ figures	5,000.00 figures
A2	Allowance for Testing	1	LS	\$ 10,000.00 \$ figures	10,000.00 figures
A3	Allowance for Utility Relocation by Others	1	LS	\$ 5,000.00 \$ figures	5,000.00 figures

00 41 13-3.4 Addendum No. 1

BID FOR UNIT PRICE WORK

BID ITEM NO.	UNIT PRICE BID ITEM DESCRIPTION	EST. QTY.	<u>UNIT</u>	UNIT PRICE	TOTAL A	<u>AMOUNT</u>
A4	Allowance for Landscaping	1	LS	\$ 15,000.00 \$ figures	figures	15,000.00
A5	Allowance for Water Main Disinfection and Dechlorination	1	LS	\$ 15,000.00 \$ figures	figures	15,000.00
A6	Allowance for Traffic Control	1	LS	\$ 25,000.00 \$ figures	figures	25,000.00
	ALLOWANCE SUB-TOTAL (ITEMS A1 THROUGH	GH A6)		\$ 75,000.00 Numerals Only		
	TOTAL BASE BID AMOUNT (UNIT PRICE SUB- ALLOWANCE SUB-TOTAL)	TOTAL I	PLUS	\$ Numerals Only		
	TOTAL BASE BID AMOUNT (UNIT PRICE SUB- ALLOWANCE SUB-TOTAL)	TOTAL I	PLUS	\$ Words Only		

00 41 13-3.5 Addendum No. 1

- B. The bid amount for this pay item shall include only the cost of the materials including freight and sales and use taxes, as evidenced by the invoice from the supplier. The costs of handling, installation, overhead and profit, and all other costs, shall be included in Bid Item #48.
- C. Contractor shall be paid the full amount of the bid price for this item, whether it is installed or not.
- D. Materials not installed shall be delivered to the Owner's materials storage yard at the Wyckoff Water Treatment Plant located at 3728 Mars Hill Road, Acworth, GA 30101.

2.36 EROSION CONTROL MATTING (SLOPES)

A. Payment for erosion matting will be made at the unit price bid per square yard. The unit price bid shall be full compensation for all tools, labor, equipment, materials, protection of erosion mat against weather, and any incidentals necessary for the installation of the erosion mat as required.

2.37 MOBILIZATION

A. The amount bid for mobilization shall not exceed four percent (4%) of the total contract bid price. The amount bid shall include furnishing the required Insurance, Bonds, Schedule of Values, Construction Schedule, and Shop Drawings for materials used during the first thirty (30) days of construction and clearing. The amount bid shall be payable to the Contractor on the first application for payment following approval of these documents.

2.38 CONTINGENCY ITEM IN CASE ACCESS TO LOCATIONS 1 AND 2 IS NOT GRANTED BY GDOT FROM THE I-285 RAMP

- A. Bidders shall assume that GDOT will grant access to Locations 1 and 2 from the I-285 ramp and shall include the cost of fence removal and replacement and all restoration in Bid Items #1 and #2.
- B. This bid item will only be used if GDOT does not grant access from the I-285 ramp and Contractor has to access Locations 1 and 2 from Akers Mill Road and East Galleria Drive.

END OF SECTION

Addendum No. 1

TABULATION OF BIDS

PROJECT: COBB COUNTY - MARIETTA WATER AUTHORITY 2019 BLOW-OFF REPLACEMENTS

2019 B	LOW-OFF REPLACEMENTS				1	2		
BID O	PENING DATE:	BIDDERS:		Unity Const	ruction Co., Inc.	Duby C	_	
	May 7, 2019 11AM	віллі	LKS:	-		Ruby-Collins, Inc.		
				BASE BID	1,050,982.13	BASE BID	1,252,455.50	
ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
	PRICE ITEMS							
1	Blow-Off Replacement in Location #1 excluding removal and replacement of retaining wall (Pay Item 2.1)	1	LS	64,000.00	64,000.00	150,000.00	150,000.00	
2	Blow-Off Replacement in Location #2 (Pay Item 2.2)	1	LS	36,000.00	36,000.00	105,000.00	105,000.00	
3	Blow-Off Replacement in Location #3 (Pay Item 2.2)	1	LS	36,000.00	36,000.00	105,000.00	105,000.00	
4	Blow-Off Replacement in Location #4 (Pay Item 2.2)	1	LS	64,000.00	64,000.00	145,000.00	145,000.00	
5	Blow-Off Replacement in Location #5 (Pay Item 2.2)	1	LS	52,000.00	52,000.00	140,000.00	140,000.00	
6	54" x 12" Tee MJ C153 WP 250 PSI (Pay Item 2.3)	3	EA	11,223.53	33,670.59	10,500.00	31,500.00	
7	54" x 8" Tee MJ C153 WP 250 PSI (Pay Item 2.3)	2	EA	11,847.07	23,694.14	10,850.00	21,700.00	
8	54" MJ Long Sleeve C153 WP 250 PSI (Pay Item 2.4)	5	EA	8,105.88	40,529.40	7,500.00	37,500.00	
9	Water Mains 54" Push-On DIP Class 250 Gaged Full Length (Pay Item 2.5)	40	LF	742.20	29,688.00	500.00	20,000.00	
10	Water Mains 54" Restrained DIP (HP LOK OR LOK- RING) Class 250 Gaged Full Length (Pay Item 2.5)	40	LF	832.95	33,318.00	630.00	25,200.00	
11	Water Mains 12" DIP, Zinc Coated, Pressure Class 350 (Pay Item 2.5)	200	LF	98.65	19,730.00	50.00	10,000.00	
12	Water Mains 8" DIP, Zinc Coated, Pressure Class 350 (Pay Item 2.5)	200	LF	80.50	16,100.00	30.00	6,000.00	
13	Retainer Gland 54" WP 250 PSI (Pay Item 2.6)	20	EA	8,800.00	176,000.00	6,500.00	130,000.00	
14	Retainer Gland 12" WP 250 PSI (Pay Item 2.6)	40	EA	185.00	7,400.00	85.00	3,400.00	
15	Retainer Gland 8" WP 250 PSI (Pay Item 2.6)	40	EA	135.00	5,400.00	45.00	1,800.00	
16	12" and 8" Ductile Iron Fittings, Zinc Coated (Pay Item 2.7)	2,800	LB	4.00	11,200.00	6.50	18,200.00	
17	Valves 12" Gate Valve, MJ x MJ (Pay Item 2.8)	3	EA	3,200.00	9,600.00	3,500.00	10,500.00	
18	Valves 8" Gate Valve, MJ x MJ (Pay Item 2.8)	2	EA	2,400.00	4,800.00	3,000.00	6,000.00	
19 20	Valves 12" Butterfly Valve, MJ x MJ (Pay Item 2.8) Concrete Manhole Assembly, 6' Diameter, for 12"	3	EA	3,400.00	10,200.00	3,000.00	9,000.00	
	Blowoffs (Pay Item 2.9)	30	EA	10,000.00	30,000.00	5,000.00	4,000.00	
21	Concrete Manhole Assembly, Extra Payment for Sections Exceeding Ten VF, 6' Diameter (Pay Item 2.9)	20	VF	1.00	20.00	200.00	4,000.00	
22	Concrete Manhole Assembly, 4' Diameter, for 8" Blowoffs (Pay Item 2.9)	2	EA	8,500.00	17,000.00	2,500.00	5,000.00	
23	Concrete Manhole Assembly, Extra Payment for Sections Exceeding Ten VF, 4' Diameter (Pay Item 2.9)	20	VF	1.00	20.00	125.00	2,500.00	
24	Polyethylene Encasement, 12" Double Encasement (Pay Item 2.10)	200	LF	4.00	800.00	5.00	1,000.00	
25	Polyethylene Encasement, 8" Double Encasement (Pay Item 2.10)	200	LF	4.00	800.00	5.00	1,000.00	
26	Locator Marker Balls on New Pipe and Fittings (Pay Item 2.11)	15	EA	250.00	3,750.00	150.00	2,250.00	
27	Subgrade Stabilizer Stone (Pay Item 2.12)	900	TON	30.00	27,000.00	0.10	90.00	
28	Miscellaneous Concrete - excluding retaining wall in Location 1 (Pay Item 2.13)	50		250.00	12,500.00	150.00	7,500.00	
29	Remove & Replace Gravel Driveway or Trail (Pay Item 2.14)	400	SY	40.00	16,000.00	10.00	4,000.00	

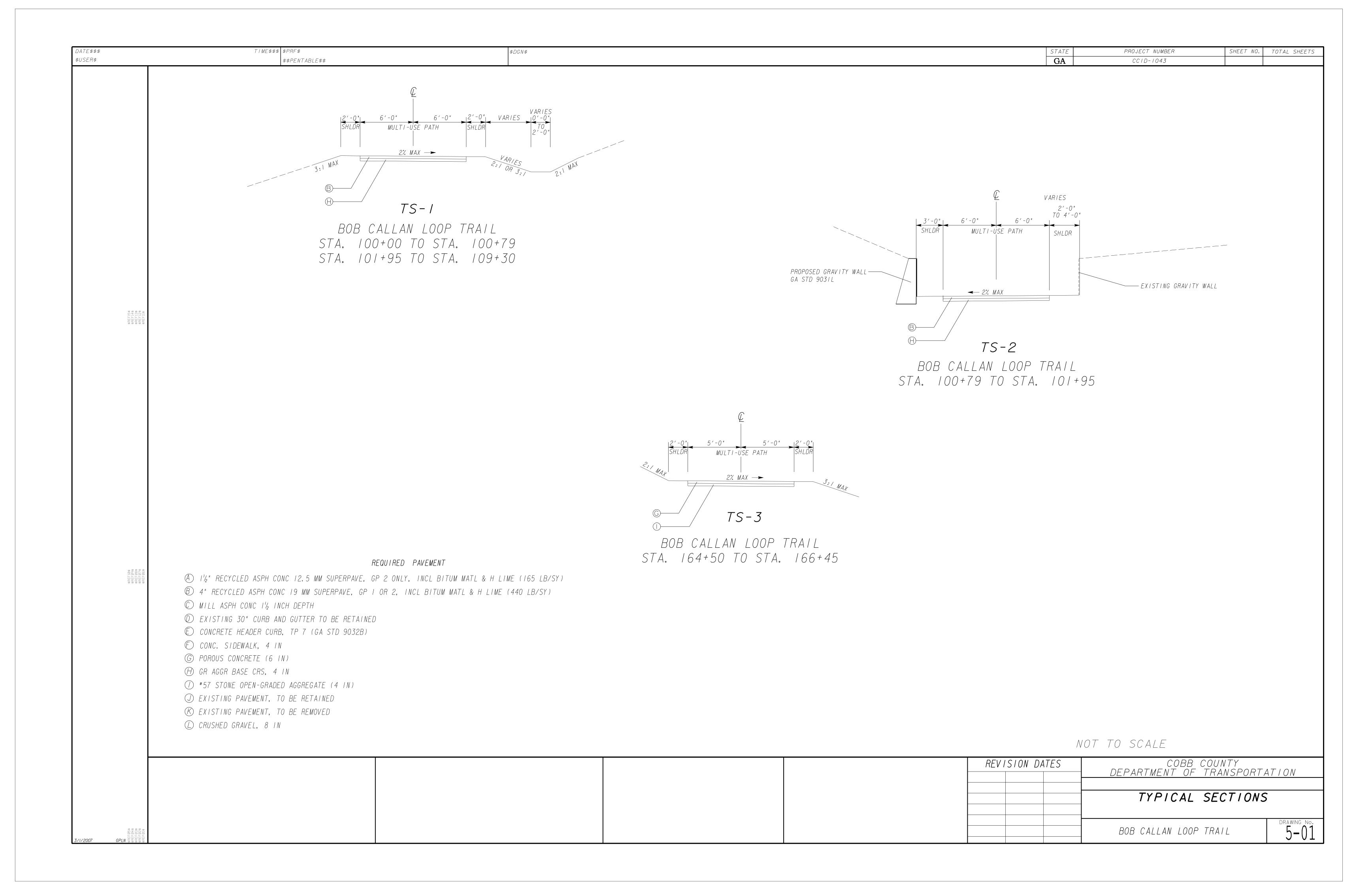
TABULATION OF BIDS

PROJECT: COBB COUNTY - MARIETTA WATER AUTHORITY 2019 BLOW-OFF REPLACEMENTS

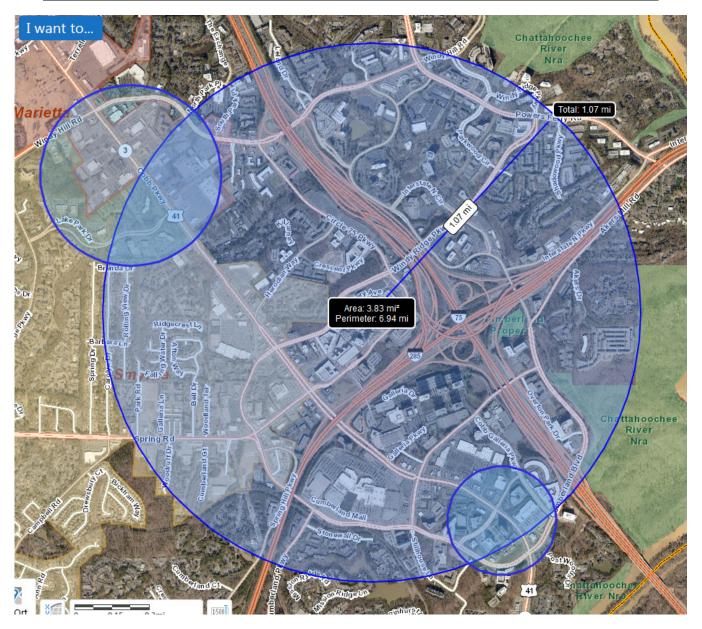
					1	2		
BID O	OPENING DATE:		ERS:	Unity Constr	ruction Co., Inc.	Ruby-Collins, Inc.		
	May 7, 2019 11AM			BASE BID	1,050,982.13	BASE BID	1,252,455.50	
ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
30	Milling of 1.5 inches of existing asphalt (Pay Item 2.15)	1,000	SY	6.00	6,000.00	7.50	7,500.00	
31	Paving 1.5 inches of GDOT 12.5 mm Superpave (Pay Item 2.16)	1,000	SY	26.20	26,200.00	20.00	20,000.00	
32	Temporary Silt Fence (Pay Item 2.17)	1,000	LF	3.60	3,600.00	3.50	3,500.00	
33	Hay Bale Barrier (Pay Item 2.18)	20	EA	85.00	1,700.00	100.00	2,000.00	
34	Rock Check Dam (Pay Item 2.19)	20	EA	235.00	4,700.00	215.00	4,300.00	
35	Rip-Rap (Pay Item 2.20)	700	SY	48.00	33,600.00	30.00	21,000.00	
36	Construction Exit (Pay Item 2.21)	5	EA	400.00	2,000.00	750.00	3,750.00	
37	Straw Mulch Stabilization (Dsl) (Pay Item 2.22)	6,000	SY	0.25	1,500.00	0.30	1,800.00	
38	Grassing, Temporary Grassing (Ds2) (Pay Item 2.23)	6,000	SY	0.01	60.00	0.10	600.00	
39	Grassing, Permanent Grassing (Ds3) (Pay Item 2.23)	6,000	SY	0.45	2,700.00	1.00	6,000.00	
40	Storm Drain Outlet Protection (Pay Item 2.24)	5	EA	120.00	600.00	75.00	375.00	
41	Tree Save Fence (Pay Item 2.25)	300	LF	4.00	1,200.00	2.50	750.00	
42	Valve Boxes Inside Manholes (Pay Item 2.26)	8	EA	60.00	480.00	150.00	1,200.00	
43	Geogrid (Tensar TriAx TX7) for Trench Repair on Trail (Pay Item 2.27)	237	SY	6.00	1,422.00	6.50	1,540.50	
44	Remove and Dispose of Portion of Retaining Wall at Location 1 (Pay Item 2.28)	1	LS	32,000.00	32,000.00	10,000.00	10,000.00	
45	Replace Retaining Wall Removed at Location 1 (Pay Item 2.29)	1	LS	37,000.00	37,000.00	25,000.00	25,000.00	
46	Mobilization, limited to 4% of Total Base Bid Amount (Pay Item 2.30)	1	LS	40,000.00	40,000.00	50,000.00	50,000.00	
	UNIT PRICE SUB-TOTAL (ITEMS 1 THROUGH				975,982.13		1,177,455.50	
	46)							
ALLO	 WANCES							
A1	Allowance for Force Account Work	1	LS	5,000.00	5,000.00	5,000.00	5,000.00	
A2	Allowance for Testing	1	LS	10,000.00	10,000.00	10,000.00	10,000.00	
A3	Allowance for Utility Relocation by Others	1	LS	5,000.00	5,000.00	5,000.00	5,000.00	
A4	Allowance for Landscaping	1	LS	15,000.00	15,000.00	15,000.00	15,000.00	
A5	Allowance for Water Main Disinfection and Dechlorination	1	LS	15,000.00	15,000.00	15,000.00	15,000.00	
A6	Allowance for Traffic Control	1	LS	25,000.00	25,000.00	25,000.00	25,000.00	
	ALLOWANCE SUB-TOTAL (ITEMS A1 THROUGH A6)				75,000.00		75,000.00	
	,				,		,	
	TOTAL BASE BID AMOUNT (UNIT PRICE SUBTOTAL PLUS ALLOWANCE SUBTOTAL)				1,050,982.13		1,252,455.50	
	TOTAL LLUS ALLUMANCE SUD-TUTAL)				1,030,702.13		1,232,733.30	

This Tabulation of Bids is certified correct, on this date, May 7, 2019. Pedro M. Rossello, P.E.

Peder M. Rossello



SunTrust Park - Road and Utility Construction Special Restriction Area



<u>Special work restrictions apply for an area within one (1) mile of SunTrust Park.</u> Also included is Windy Hill Road to Cobb Parkway, and Cumberland Boulevard, both sides of Cobb Parkway.

- Restrictions apply when there is an event (baseball or other sports activity, concert, etc.) at the park
- Beginning four hours before start of an event, there may be no lanes closures, or working from the shoulder of the road(s)
- Additionally, all sidewalks must be restored, passable for pedestrians and those in wheel chairs.
- If sidewalk cannot be replaced in time, crusher run or millings may be used, but shall be level and compacted.

If there is an emergency (broken water or other utility facility), you should follow the procedures in place for such work that has to occur during peak traffic times (0600 - 0900) and 1600 - 1900.