

WASTEWATER TREATMENT FACILITY AND PUMPSTATION IMPROVEMENTS  
FOR THE  
CITY OF UNION POINT, GEORGIA

RECEIVED MAY 6, 2015

BASE BID				P.F. Moon and Co., Inc. 2207 Highway 103/P. O. Box 346 West Point, GA 31833 706-643-1524			Southern Champion Construction 133 Airport Park Drive Savannah, GA 31408 912-964-8700			RTD Construction, Inc. 38038 North Avenue Zephyrhills, FL 33542 813-783-9119		
ITEM NO.	DESCRIPTION	UNIT	Est. No. of Units	MANUFACTURER	UNIT PRICE	TOTAL FOR ITEM	MANUFACTURER	UNIT PRICE	TOTAL FOR ITEM	MANUFACTURER	UNIT PRICE	TOTAL FOR ITEM
Item 1	For furnishing all materials and equipment and performing all labor necessary for constructing the Wastewater Treatment Facility and Pump Station Improvements including mobilization/demobilization, bonds, insurance, office space for Engineer, construction staking, demolition, earth excavation, backfill, grading, clearing and grubbing, soil compaction testing, concrete testing, dewatering building, chemical building, relocation of equipment, piping, valves, bypass pumping, substructures, vaults, yard piping, drains, electrical, instrumentation, mechanical (excluding the cost of Major Mechanical Equipment and speciality items listed in Item No. 2), painting, project sign, as constructed survey drawings in Autocad format and all other work and appurtenances for completion of the WORK as shown on the drawings and/or specified, the lump sum amount of:	LS	1		\$1,257,206.80	\$1,257,206.80		\$1,295,282.90	\$1,295,282.90		\$1,485,816.00	\$1,485,816.00
	<b>Sub-Total Item 1</b>					\$1,257,206.80			\$1,295,282.90			\$1,485,816.00
Item 2	For furnishing and installing Major Mechanical Equipment and Specialty Items listed in the detailed specifications as itemized in the following Bid Data Base:											
1	Chlorination and Dechlorination System-Section 11155			Capital Control			Capital Control			Superior		
	1a. Manufacturer:					\$22,000.00			\$25,000.00			\$19,795.00
	1b. Price:											
2	Tower Belt Filter Press-Section 11124			Charter			Charter Machines			Charter		
	2a. Manufacturer:					\$175,000.00			\$180,000.00			\$193,812.00
	2b. Price:											
3	Packaged Mechanical Screen and Grit Removal System-Section 11331			Westech			Westech			Westech		
	3a. Manufacturer:					\$280,000.00			\$290,000.00			\$240,750.00
	3b. Price:											
4	Peripheral Feed Secondary Clarifier Equipment-Section 11335			Envirodyne			Envirodyne			Envirodyne		
	4a. Manufacturer:					\$100,000.00			\$105,000.00			\$128,349.00
	4b. Price:											
5	Floating Aerator (Digester)-Section 11375			Aqua Aerobics			Aqua Aerobics			Aqua Aerobics		
	5a. Manufacturer:					\$15,000.00			\$15,000.00			\$24,700.00
	5b. Price:											
6	Laboratory, Office Equipment and Tools-Section 11610											
	6a. Allowance					\$20,000.00			\$20,000.00			\$20,000.00
7	Measurement and Instrumentation Equipment (DO Meter)-Section 13421			Hach			Hach			Hach		
	7a. Manufacturer:					\$5,000.00			\$5,000.00			\$5,709.00
	7b. Price:											
8	Measurement and Instrumentation Equipment (Ultrasonic Flow Meters)-Section 13421			Hach			Eastech			Eastech		
	8a. Manufacturer:					\$5,000.00			\$5,000.00			\$5,440.00
	8b. Price:											
9	Standby Generator (WWTF)-Section 16621			Cummins			Cat			Kohler		
	9a. Manufacturer:					\$50,000.00			\$70,000.00			\$56,755.00
	9b. Price:											
10	Plant SCADA and Instrumentation System-Section 13000			J.K. Duren			J.K. Duren			J.K. Duren		
	9a. Sub-contractor:					\$52,000.00			\$60,000.00			\$63,986.00
	9b. Price:					\$724,000.00			\$775,000.00			\$759,296.00
	<b>Sub-Total Item 2</b>											

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				UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM
Item 3	For furnishing all materials and equipment and performing all labor required for the Unit Price items that follow:								
02227.01	Trench Rock Removal	CY	200	\$70.00	\$14,000.00	\$70.00	\$14,000.00	\$70.00	\$14,000.00
02227.02	Mass Rock Removal	CY	200	\$25.00	\$5,000.00	\$25.00	\$5,000.00	\$25.00	\$5,000.00
02270.01	NPDES Monitoring Plan	LS	1	\$3,600.00	\$3,600.00	\$12,000.00	\$12,000.00	\$2,132.00	\$2,132.00
02270.02	Silt Fence-Type A	LF	1,820	\$1.00	\$1,820.00	\$1.00	\$1,820.00	\$2.00	\$3,640.00
02270.03	Silt Fence-Type C	LF	1,300	\$2.00	\$2,600.00	\$1.50	\$1,950.00	\$3.00	\$3,900.00
02270.04	Haybale Check Dams	EA	18	\$70.00	\$1,260.00	\$40.00	\$720.00	\$254.00	\$4,572.00
02270.05	Excelsior Blanket	SY	100	\$1.35	\$135.00	\$2.00	\$200.00	\$7.00	\$700.00
02270.06	Rip Rap-Type 3	SY	10	\$15.00	\$150.00	\$50.00	\$500.00	\$109.00	\$1,090.00
02523.01	Gravel Driveway Repair	LF	36	\$100.00	\$3,600.00	\$20.00	\$720.00	\$88.00	\$3,168.00
02523.02	Asphalt Pavement Cut and Repair	LF	131	\$40.00	\$5,240.00	\$60.00	\$7,860.00	\$88.00	\$11,528.00
02523.03	Gravel Paving 6" Thick (at WWTF only)	SF	1,680	\$1.00	\$1,680.00	\$2.00	\$3,360.00	\$3.00	\$5,040.00
02523.04	Concrete Paving 6" Thick (at WWTF only)	SF	13,950	\$7.00	\$97,650.00	\$8.00	\$111,600.00	\$9.00	\$125,550.00
02601.01	Connect 4" dia. Force Main to existing manhole, complete including pipe, core, boot, etc.	EA	3	\$300.00	\$900.00	\$700.00	\$2,100.00	\$1,384.00	\$4,152.00
02601.02	4'-0" Doghouse Manhole includes base, cone, riser, frame and cover complete, 0'-6' depth	EA	4	\$1,875.00	\$7,500.00	\$2,500.00	\$10,000.00	\$5,132.00	\$20,528.00
02601.03	Standard 4'-0" Manhole-includes base, cone, riser, frame and cover complete, 0'-6' depth	EA	1	\$1,875.00	\$1,875.00	\$2,500.00	\$2,500.00	\$2,886.00	\$2,886.00
02601.04	4'-0" Manhole additional Vertical Feet	VF	10.5	\$100.00	\$1,050.00	\$180.00	\$1,890.00	\$589.00	\$6,184.50
02732.01	4" Dia. DR 25 C900 PVC Force Main	LF	2,700	\$22.00	\$59,400.00	\$8.00	\$21,600.00	\$6.00	\$16,200.00
02732.02	4" Dia. Pressure Class 350 DIP Force Main	LF	130	\$35.00	\$4,550.00	\$50.00	\$6,500.00	\$23.00	\$2,990.00
02732.03	Abandon Existing 4" Force Main at Manhole Connection (Pump Stations)	EA	3	\$500.00	\$1,500.00	\$200.00	\$600.00	\$228.00	\$684.00
02732.04	Sewage Air Release/Air Vacuum Valve with 2" outlet	EA	2	\$1,850.00	\$3,700.00	\$3,500.00	\$7,000.00	\$1,463.00	\$2,926.00
02736.01	8" Dia. Gravity Sewer SDR 26 PVC (Pump Stations) 0'-14' cut	LF	110	\$45.00	\$4,950.00	\$40.00	\$4,400.00	\$169.00	\$18,590.00
02739.01	4" Dia. Pipe Bursting with DR25 Fusible C900 PVC	LF	350	\$115.00	\$40,250.00	\$140.00	\$49,000.00	\$15.00	\$5,250.00
02931.01	Temporary Grassing (at WWTF only)	AC	0.75	\$950.00	\$712.50	\$2,000.00	\$1,500.00	\$4,421.00	\$3,315.75
02931.02	Permanent grassing (at WWTF only)	AC	0.75	\$1,300.00	\$975.00	\$2,000.00	\$1,500.00	\$8,843.00	\$6,632.25
02931.03	Permanent Grassing (Pump Station Forcemains)	LF	2,657	\$0.45	\$1,195.65	\$0.30	\$797.10	\$3.00	\$7,971.00
11310.01	Existing Pump Station Abandonment	LS	3	\$2,000.00	\$6,000.00	\$2,700.00	\$8,100.00	\$6,572.00	\$19,716.00
11310.02	Pump Station "A" (Old Crawfordville Rd.): Duplex, Submersible Sewage Pump Station, including site work, fencing, piping, valves, vaults, wetwell, all electrical work, generator, gravel pad, scada, gravel access road, potable water service line and any related materials	LS	1	\$199,000.00	\$199,000.00	\$200,000.00	\$200,000.00	\$165,046.00	\$165,046.00
11310.03	Pump Station "B" (Woodland Court): Duplex, Submersible Sewage Pump Station, including site work, fencing, piping, valves, vaults, wetwell, all electrical work, generator, gravel pad, scada, gravel access road, potable water service line and any related materials	LS	1	\$202,500.00	\$202,500.00	\$210,000.00	\$210,000.00	\$192,699.00	\$192,699.00
11310.04	Pump Station "C" (HWY 278): Duplex, Submersible Sewage Pump Station, including site work, fencing, piping, valves, vaults, wetwell, all electrical work, generator, gravel pad, scada, gravel access road, potable water service line and any related materials	LS	1	\$199,000.00	\$199,000.00	\$210,000.00	\$210,000.00	\$166,081.00	\$166,081.00
13250.01	Mobilization for Aeration Pond Solids Removal, complete	LS	1	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$5,075.00	\$5,075.00
13250.02	Removal and Disposal of Aeration Pond Solids, complete	Dry Ton	25	\$1,200.00	\$30,000.00	\$700.00	\$17,500.00	\$1,340.00	\$33,500.00
13250.03	De-mobilization for Aeration Pond Solids Removal, complete	LS	1	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00	\$2,030.00	\$2,030.00
	Sub-Total Item 3				\$931,793.15		\$924,717.10		\$862,776.50
	TOTAL BASE BID- ITEMS 1, 2 & 3				\$2,912,999.95		\$2,995,000.00		\$3,107,888.50

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MANDATORY ALTERNATES - ALTERNATE EQUIPMENT AND MANUFACTURERS

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				MANUFACTURER/ SUB-CONTRACTOR	ADD	DEDUCT	MANUFACTURER/ SUB-CONTRACTOR	ADD	DEDUCT	MANUFACTURER/ SUB-CONTRACTOR	ADD	DEDUCT
1	Horizontal Belt Filter Press-Section 11125 in lieu of Tower Belt Filter Press specified in Section 11124											
	1a. Manufacturer:			Ashbrook	\$45,000.00		Ashbrook	\$80,000.00		Ashbrook	\$74,900.00	
2	Center Feed Secondary Clarified Equipment-Section 11336 in lieu of Peripheral Feed Clarifier specified in Section 11335											
	2a. Manufacturer:			West Tech	\$15,000.00		West Tech	\$150,000.00		Westech	\$90,304.00	
3	Digester Aerator/Mixer-Section 11376 in lieu of Aerator specified in Section 11375											
	3a. Manufacturer:			Aeration Industry's	\$5,000.00		Air Aeion Ind	\$10,000.00		Aeration Ind'l	\$6,833.00	
4	Supply Type 304 Stainless Steel Components for the Peripheral Feed Secondary Clarifier per Section 11335, Part 1.03.B											
	4a. Manufacturer:			Lakeside	\$57,280.00		Lakeside	\$110,000.00		Envirodyne	\$16,050.00	
5	WWTF Influent Submersible Sewage Pump Replacement-Section 11312 and Plans											
	5a. Manufacturer:			Flygt	\$89,000.00		Homa	\$100,000.00		Homa	\$85,692.00	
6	4" Dia. Focemain Pipe Bursting with DR 17 HDPE in lieu of Unit Price Bid Item 02739.01 Fusible PVC											
	6a. Manufacturer:			No Price			W. L. Plastic	\$4.00		IsCO	\$1,855.00	

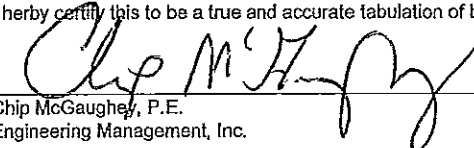
SUBSTITUTE EQUIPMENT AND MANUFACTURER

ITEM NO.	DESCRIPTION	Unit	Est. No. Units	P.F. Moon and Co., Inc. 2207 Highway 103/P. O. Box 346 West Point, GA 31833 706-643-1524			Southern Champion Construction 133 Airport Park Drive Savannah, GA 31408 912-964-8700			RTD Construction, Inc. 38038 North Avenue Zephyrhills, FL 33542 813-783-9119		
				MANUFACTURER	ADD	DEDUCT	MANUFACTURER	ADD	DEDUCT	MANUFACTURER	ADD	DEDUCT
1	Substitute equipment for Submersible Sewage Pumps listed in Section 11310 for Pump Station "A" Crawfordville Rd. Adjustment to base bid unit price item 11310.02											
	1a. Manufacturer: Homa Pump Technology, Inc.											
2	Substitute equipment for Submersible Sewage Pumps listed in Section 11310 for Pump Station "B" Woodland Court Adjustment to base bid unit price item 11310.01											
	2a. Manufacturer: Homa Pump Technology, Inc.											
3	Substitute equipment for Submersible Sewage Pumps listed in Section 11310 for Pump Station "C" HWY 278 Adjustment to base bid unit price item 11310.04											
	3a. Manufacturer: Homa Pump Technology, Inc.											
4	Substitute equipment for Floating Aerataor listed in Section 11375 Adjustment base bid data base item 5											
	4a. Manufacturer: Environmental Equipment Engineering, Inc.											

TOTAL BID FOR THE WASTEWATER TREATMENT FACILITY AN PUMPSTATION IMPROVEMENTS:

*\*INCORRECT TOTALS ARE IN BOLD AND ITALICS AND CORRECTED*

I hereby certify this to be a true and accurate tabulation of bids received by the City of Union Point, Georgia on May 6, 2015 at 2:00 p.m.

  
Chip McGaughey, P.E.  
Engineering Management, Inc.