

Village of Wellington Lift Station 16 Gravity Influent Line Replacement

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ITEM	DESCRIPTION OF BID ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
GENERAL CONDITIONS					
GC-2	Emergency Mobilization/Demobilization Costs for Utility Right of Way repairs	0	LS	\$3,000.00	\$0.00
GC-5	Record Drawing		LS	\$1,000.00	\$0.00
GC-6	Construction Survey		LS	\$500.00	\$0.00
GC-7	Pre-During-Post Construction Digital Photos		LS	\$350.00	\$0.00
GC-8	M.O.T. Residential Street	0	EA	\$500.00	\$0.00
GC-9	M.O.T. City Arterial Roadway	3	EA	\$1,500.00	\$4,500.00
GC-12	Density Tests (actual cost reimbursement by City)	100	EA	\$25.00	\$2,500.00
GC-13	Proctor Tests (actual cost reimbursement by City)	0	EA	\$100.00	\$0.00
GC-16	Concrete 12" x 6" Cylinder Test (actual cost reimbursement by City)	2	EA	\$100.00	\$200.00
GC-17	Applicable Permits (actual cost reimbursement by City)	0	LSU	\$2,500.00	\$0.00
Sub-Total General Conditions					\$7,200.00
WASTEWATER					
	Furnish & Install 8-Inch PVC - C900 Sewer Main in Utility Right of Way at a depth of:				
SWR-4	10' - 12' FT Deep	0	LF	\$280.00	\$0.00
SWR-5	12' - 16' FT Deep	365	LF	\$300.00	\$109,500.00
	Reconstruct Sanitary Sewer Lateral Clean-Out				
SWR-101	Reconstruct Sanitary Sewer 6" Lateral & Clean-out (single)		EA	\$4,000.00	\$0.00
SWR-102	Reconstruct Sanitary Sewer 6" Lateral & Clean-out (double)		EA	\$4,500.00	\$0.00
SWR-103	Ductile Iron Fittings for Wastewater Force Main with Accessories		TN	\$17,000.00	\$0.00
SWR-104	Additional Pipe Crew Hours for installation greater than 60" cover	0	HR	\$700.00	\$0.00
	Furnish & Install new FDOT approved Standard Precast Concrete 48" diameter Manhole Structure in Utility Right of Way to include Bench and Ring and Cover including City approved coatings (inside and out) at a depth of:				
SWR-161	10' - 12' FT Deep	0	LF	\$12,000.00	\$0.00
Sub-Total Wastewater					\$109,500.00
**WATER MAIN					
** Prices Quoted in the Water Main Section are Interchangeable with Reuse Water Lines and Raw Water Lines as needed					
	Furnish & Install Cement Lined Ductile Iron Pipe Water Main				
WTR-13	8" Ductile Iron Pipe Water Main in Utility ROW		LF	\$80.00	\$0.00
WTR-22	Additional Pipe Crew Hours for installation greater than 60" cover		HR	\$700.00	\$0.00
WTR-23	Ductile Iron Fittings for Water Main with Accessories		TON	\$12,000.00	\$0.00
	Furnish & Install Mega-Lug Joint Restraint for DIP				
WTR-26	8" Mega-Lug Joint Restraint for DIP		EA	\$100.00	\$0.00
	Furnish & Install Line Stop				
WTR-74	8" Insertion Line Stop	1	EA	\$9,000.00	\$9,000.00
	Fire Hydrants				
WTR-87	Sample Points w/double strap saddle & corp stop	1	EA	\$500.00	\$500.00
WTR-88	Sample Points on Fire Hydrants	1	EA	\$350.00	\$350.00
WTR-95	Sample Point for bacteriological test	2	EA	\$400.00	\$800.00
WTR-96	6" to 12" Dia. Connection to existing Water Main (Joint Restraint for existing pipe is not included)		EA	\$5,000.00	\$0.00
Sub-Total Water Main					\$10,650.00
STORM WATER					
	Furnish & Install 42-Inch RCP Storm Water Main in Utility Right of Way at a depth of:				
STM-17	8' - 10' Ft. deep	16	LF	\$220.00	\$3,520.00
Sub-Total Storm Water					\$3,520.00

RESTORATION					
R-1	Removal and disposal of 6" thick concrete	2030	SF	\$10.00	\$20,300.00
R-3	Furnish & Install 6" Concrete without wire	2010	SF	\$24.00	\$48,240.00
R-4	Furnish & Install ADA compliant detectable surface	2	EA	\$500.00	\$1,000.00
R-5	Furnish & Install FDOT Type "D" Curb - by hand	110	LF	\$100.00	\$11,000.00
R-8	Furnish & Install FDOT Type "F" Curb - by machine	210	LF	\$80.00	\$16,800.00
R-9	Furnish & Install FDOT Valley Gutter - by hand	30	LF	\$100.00	\$3,000.00
R-14	Furnish & Install Floratam Sod - over 1000 SF	2750	SF	\$2.00	\$5,500.00
R-16	Furnish Operator, Water Truck and Irrigate Sod or Seed Mix		HR	\$100.00	\$0.00
R-17	Removal and Disposal of Existing Asphalt Pavement	1070	SY	\$10.00	\$10,700.00
R-18	Mill Existing Pavement (3/4" - 1" avg)		SY	\$60.00	\$0.00
R-19	Furnish and Install Asphalt Overlay, Type S-III (3/4" - 1" avg)		SY	\$90.00	\$0.00
R-20	Furnish and Install 1-1/2" Type S-I Asphalt First Course	1070	SY	\$78.00	\$83,460.00
R-21	Furnish and Install 1" Type S-III Surface Course	350	SY	\$60.00	\$21,000.00
R-27	6" Limerock/ Crushed Concrete Base, primed	0	SY	\$46.00	\$0.00
R-28	8" Limerock/ Crushed Concrete Base, primed	1070	SY	\$50.00	\$53,500.00
R-29	12" Compacted Subgrade, 98% T-180	1070	SY	\$24.00	\$25,680.00
R-30	Adjust manhole ring and cover to grade	2	EA	\$750.00	\$1,500.00
R-31	Adjust valve box to grade	2	EA	\$500.00	\$1,000.00
				Sub-Total Restoration	\$302,680.00
BY-PASS PUMP SET UP WITH BY-PASS PUMPING					
BP-1	Bypass 8" Sewer Set Up		EA	\$1,000.00	\$0.00
BP-5	Bypass 4" Pump Including Monitoring		DAY	\$850.00	\$0.00
BP-6	Bypass 6" Pump Including Monitoring		DAY	\$1,000.00	\$0.00
BP-7	Bypass 8" Pump Including Monitoring		DAY	\$4,500.00	\$0.00
				Sub-Total By-Pass	\$0.00
WELL POINT SYSTEM AND DE-WATERING					
WP-1	Well Point system up to 150 points complete with pump and jetting equipment, and Monitoring	14	DAY	\$2,750.00	\$38,500.00
				Sub-Total Dewatering	\$38,500.00
IMPORTED BACKFILL & REMOVAL OF IN-SITU MATERIAL					
BF-1	Removal & Disposal of unsuitable in-situ material/soil	126	CY	\$60.00	\$7,560.00
BF-2	Imported Backfill & Compaction	126	CY	\$50.00	\$6,300.00
				Sub-Total Backfill and In-Situ	\$13,860.00
Please note all soils encountered to this point are dry and free of Unsuitables					
ADDITIONAL ITEMS NOT INCLUDED IN BID ITEMS					
SWR	Connect to existing 8" Sewer Main	0	EA	\$850.00	\$0.00
STM	Collar 42" RCP	2	EA	\$3,200.00	\$6,400.00
SWR	Connect to existing Sewer Manhole w/ Core and Sand Collar	4	EA	\$1,600.00	\$6,400.00
STM	Plug 42" RCP and bypass storm water	2	LSU	\$3,250.00	\$6,500.00
R	Removal of the Monument Sign and Associated island landscaping	1	LSU	\$2,050.00	\$2,050.00
					\$0.00
					\$0.00
					\$0.00

	Sub-Total Additional Items	\$21,350.00
	Total Cost General Conditions	\$7,200.00
	Total Cost Wastewater	\$109,500.00
	Total Cost Water Main	\$10,650.00
	Total Cost Storm Water	\$3,520.00
	Total Cost Restoration	\$302,680.00
By Others	Total Cost By-Pass	\$0.00
	Total Cost Dewatering	\$38,500.00
	Total Cost Backfill and In-Situ	\$13,860.00
	Total Cost Additional Items	\$21,350.00
IF needed	Total 10% Allowance/Contingency	\$50,726.00
	Total Project Cost	\$557,986.00

Scope of Work:

- Emergency mobilization, set up MOT signage, prepare work site, install well points/dewatering pump, and repair 8" sanitary sewer main.
- Remove and replace approx. 365 L.F. of 8" C-900 PVC Gravity Sewer, (4) Connect to existing Sanitary Manhole, and associated restoration.
- By-pass of sanitary sewer and pumper truck services by others at the Village's request.
- Remove and replace approximately (1) Line Stop of PVC water main.
- Protect or remove and replace RCP drainage pipe as conditions dictate. Plug and pump down drainage system. Reconnect if necessary. If the drainage items are not used because we are able to get under the existing drainage without removal, we will bill the associated time in item SWR- Additional Pipe Crew Hours for installation greater than 60" cover.
- Item SWR- Additional Pipe Crew Hours for installation greater than 60" cover will be utilized for all instances where the crew is delayed from expected production. Examples of this are not limited to but as follows; differing site conditions, encountering unknown/unmarked utilities, encountering known and marked utilities that do not have pay items in the contract. All associated materials and subcontract work in this item will be billed according to the contract.

Special Conditions:

- This price is based off the piggybacked City of Boynton Beach- Repairs and Emergency Services for Water Distribution, Wastewater Collection, and Storm Water Utility Systems contract - BID No. 019-2821-19/IT.
- Any permits, bonds, or engineering required will be by owner or passed on at cost.
- Exclusions are according to the existing contract in place.

Certified asbuilts are not included.