

LYRIC SERVICES, INC.

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August 21, 2019

Gary Peterson
City of New Port Richey
6132 Pine St.
Port Richey, Florida 34668

Re: WWTP 20" Piping Modifications/Replacement

Gary:

We will provide labor, equipment & materials to complete the installation of the 20" Pipe Valves and fittings along with associated appurtenances, Concrete, grading & Sod as further described below and per our attached spread sheet.

General Scope of Work: Furnish & install 20" Pipe Valves and fittings from headworks to the aeration basin #1 and abandon existing pipe in place and fill with flowable fill. Upon its satisfactory installation, remove the existing 20" pipe, valves and fittings (as installed for the emergency connection to Aeration Basin #2) and reinstall all in the new and permanent configuration per plans of Stroud Engineering.

We include all incidental construction to furnish a complete and working system along with all backfill and grading of existing excavations as well as those created by our construction activities. We anticipate that ground conditions will be suitable for the partially buried portions of the piping arrangement.

We will Install 24" valves as depicted and make modifications to the existing 20" valve stem. Upon completion of all pipe work, we will reestablish the existing grades and driveway and install concrete slab and rock as described in the plans and then re-sod.

We will complete all work described above and/or on the attached proposal spread sheet for \$296,551.98 inclusive of mobilization, payment & performance bonds, overhead & profit and other allowances shown.

Thanks for your consideration of our proposal.

Rick Daniel

Rick Daniel, CEO

Lyric Services, Inc.

No.	Item	Quan	Unit	Unit Price	Total
Piping Interconnect for Aeration Basin #1					
	F&I Force Main Piping (inc. Protecto-401 Lining)				
	20" D.I. Bell-Spigot	240	LF	\$241.31	\$57,914.40
	F&I Fittings (C-153 D.I., inc. Protecto-401 Lining)				
	20" 90 Deg. Bend (MJ x MJ)	1	EA	\$2,443.32	\$2,443.32
	20" 45 Deg. Bend (MJ x MJ)	1	EA	\$2,238.68	\$2,238.68
	20" 45 Deg. Bend (FL x FL)	4	EA	\$2,725.47	\$10,901.88
	20" 22.5 Deg. Bend (MJ x MJ)	2	EA	\$2,166.02	\$4,332.04
	20" Blind Flange (FL, w/ 2" threaded tap)	2	EA	\$1,186.98	\$2,373.96
	20" Sleeve (MJ x MJ)	1	EA	\$1,971.91	\$1,971.91
	20" Flange Gasket Kit	10	EA	\$664.80	\$6,648.00
	F&I Restrained Joints				
	20" MJ Restraint for D.I. (i.e., Mega-lug)	10	EA	\$957.41	\$9,574.10
	20" Bell-Spigot Restraint for D.I. (i.e., Split Harness)	9	EA	\$1,286.78	\$11,581.02
	20" Flange Adapter Restraint for D.I. (regular width)	4	EA	\$1,778.42	\$7,113.68
	20" Flange Adapter Restraint for D.I. (short width)	4	EA	\$1,778.42	\$7,113.68
	Disassemble & Remove Ex. 20" D.I. Flanged Fittings/Bolts	3	EA	\$383.25	\$1,149.75
	Remove Stair Vertical Cross Bracing and Reassemble	2	EA	\$1,056.68	\$2,113.36
	F&I Concrete Pipe Supports (inc. Reinforcement/Anchors/Straps)	3	EA	\$1,126.68	\$3,380.04
	SUBTOTAL				\$130,849.82
Piping Interconnect for Aeration Basin #2					
	F&I Fittings (C-153 D.I., inc. Protecto-401 Lining)				
	20" 22.5 Deg. Bend (MJ x MJ)	2	EA	\$2,443.32	\$4,886.64
	20" Sleeve (MJ x MJ)	1	EA	\$2,070.46	\$2,070.46
	20" Flange Adapter Restraint for D.I. (short width)	2	EA	\$1,892.30	\$3,784.60
	Disassemble Ex. 20" D.I. (Bell-Spigot) Piping/Fittings/Restrains	240	LF	\$68.99	\$16,557.60
	Relocate & Reassemble Ex. 20" D.I. Piping/Fittings/Restrains (utilize Existing Gland Pack)	240	LF	\$120.45	\$28,908.00
	Reposition ex. 20" Gate Valve to vertical orientation	1	EA	\$1,149.75	\$1,149.75
	Fabricate coupling and Install Handwheel (owner-supplied) on valve nut	1	EA	\$886.95	\$886.95
	F&I Concrete Pipe Supports (inc. Reinforcement/Anchors/Straps)	3	EA	\$1,323.78	\$3,971.34
	SUBTOTAL				\$62,215.35
Miscellaneous Piping Activities					
	Install 24" Gate Valves (owner-supplied) at Basin #'s 3 & 4	2	EA	\$1,419.11	\$2,838.22
	Sewage Pumping (remaining in piping sections)	16	HR	\$175.20	\$2,803.20
	Earthwork				
	Sawcut & Remove Concrete Pad (4" thick) beneath Reuse Piping	54	SF	\$3.78	\$204.12
	Replace Pad Area with #57 Stone Gravel (3" depth)	54	SF	\$6.93	\$374.22
	Remove & Replace Concrete Sidewalk (4" thick)	48	SF	\$13.59	\$652.32
	Import Select Backfill for Pipe Bedding/Backfill	75	CY	\$22.87	\$1,715.25
	Remove plywood/supports from open excavation & Backfill	1	LS	\$383.25	\$383.25
	Grout Ex./Abandoned Buried 20" Piping in Place	40	CY	\$264.92	\$10,596.80
	Provide Concrete Pump for Grouting	1	EA	\$5,694.00	\$5,694.00
	Rental - Steel Plates	3	EA	\$1,595.46	\$4,786.38
	Restoration				
	F&I Sod - Bermuda (includes Fine Grading of Areas to receive Sod)	800	SY	\$4.00	\$3,200.00
	Import Crushed Concrete Base Material for Road Repair/Upgrade	10	CY	\$82.35	\$823.50
	F&I Silt Barrier/Fence	300	LF	\$1.48	\$444.00
	SUBTOTAL				\$34,515.26
	SUBTOTAL				\$227,580.43
	Mobilization	1	LS	\$4,762.13	\$4,762.13
	Bond Allowance	1	LS	\$6,600.00	\$6,600.00
	Overhead & Profit (15% of Subtotal & Mobilization)	1	LS	\$34,851.38	\$34,851.38
	Contingency (10% of Subtotal)	1	LS	\$22,758.04	\$22,758.04
	TOTAL				\$296,551.98

Notes:

1. Ductile iron piping and fittings shall have interior protective epoxy coating (Protecto 401).
2. Material submittals shall be provided to, and approved by, the Engineer and City.