

**TOWN OF LURAY  
SEWER SYSTEM IMPROVEMENTS PROJECT  
PRELIMINARY PROBABLE CONSTRUCTION COST  
ALTERNATIVE # 1**

Thrasher Project # 101-020-1566

January 2018

DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL COST
<b>Existing Wastewater Treatment Plant Upgrades</b>			
Bonds, Insurance, Bid Costs	1 LS@	\$20,000.00 /LS	\$20,000.00
Mobilization/Demobilization	1 LS@	\$50,000.00 /LS	\$50,000.00
Video Taping of Project Area	1 LS@	\$5,000.00 /LS	\$5,000.00
Sediment and Erosion Control	1 LS@	\$5,000.00 /LS	\$5,000.00
Site Work	1 LS@	\$50,000.00 /LS	\$50,000.00
<b>Septage Receiving Station</b>			
Septage Receiving Station Equipment	1 LS@	\$230,000.00 /LS	\$230,000.00
Billing System Software	1 LS@	\$20,000.00 /LS	\$20,000.00
Miscellaneous Piping	1 LS@	\$7,500.00 /LS	\$7,500.00
Tie-In to Existing Sanitary System	1 LS@	\$5,000.00 /LS	\$5,000.00
Concrete Pad and Curb	1 LS@	\$12,500.00 /LS	\$12,500.00
Self-Dumping Screenings Bin	1 LS@	\$32,500.00 /LS	\$32,500.00
Electrical and MCC Modifications	1 LS@	\$20,000.00 /LS	\$20,000.00
<b>Influent Station Improvements</b>			
Influent Vertical Screen Equipment	1 LS@	\$131,000.00 /LS	\$131,000.00
Electrical Installation	1 LS@	\$2,500.00 /LS	\$2,500.00
<b>Oxidation Ditch Jet Pumps</b>			
Pump Smart VFD w/Internal Flow Meter	5 EA @	\$6,750.00 /EA	\$33,750.00
Installation of Replacement Ductile Iron Impeller	5 EA @	\$4,250.00 /EA	\$21,250.00
Equipment Installation & Electrical Installation	1 LS@	\$5,000.00 /LS	\$5,000.00
		<b>Sub Total</b>	<b>\$651,000.00</b>
<b>Collection System Improvements</b>			
Bonds, Insurance, Bid Costs	1 LS@	\$58,000.00 /LS	\$58,000.00
Mobilization/Demobilization	1 LS@	\$15,000.00 /LS	\$15,000.00
Videotaping of Project Area	1 LS@	\$5,000.00 /LS	\$5,000.00
Dry Run Creek	1,260 LF@	\$199.00 /LF	\$250,740.00
Stoney Brook Lane Collector Main	1,455 LF@	\$184.00 /LF	\$267,720.00
Wallace Pump Station Rehabilitation	595 LF@	\$215.00 /LF	\$127,925.00
Pump Station Rehabilitation	1 LS@	\$140,000.00 /LS	\$140,000.00
East Main to Phase 1 Connector	1,975 LF@	\$212.00 /LF	\$418,700.00
New Dry Run Main	2,080 LF@	\$183.00 /LF	\$380,640.00
Pump Station Rehabilitation	1 LS@	\$175,000.00 /LS	\$175,000.00
Dry Run Pump Station to Power Line (Forcemain)	2,430 LF@	\$97.00 /LF	\$235,700.00
Dry Run to Hawksbill Creek (Forcemain & Gravity)	3,430 LF@	\$140.00 /LF	\$480,200.00
Dry Run to Hawksbill Creek (Forcemain)	3,430 LF@	\$114.00 /LF	\$391,000.00
		<b>Sub Total</b>	<b>\$2,945,625.00</b>
			\$3,596,625.00
Construction Sub-Total			\$359,662.50
Construction Contingency @ ±10%			
			<b>\$3,956,287.50</b>
<b>CONSTRUCTION SUB-TOTAL</b>		<b>SAY</b>	<b>\$3,957,000.00</b>