

Event 225: Rehabilitation/ Replacement of 48-inch to 54-Inch Forcemain Along SE 9th and 10th Avenue to George T. Lohmeyer Wastewater Treatment Plant

DESCRIPTION	LANZO CONSTRUCTION COMPANY	MURPHYS PIPELINE	RIC-MAN FL
DESIGN			
1. Design Development (All Phases: A, B, C, and D)	\$ 3,528,705.00	\$ 4,000,000.00	\$ 6,600,000.00
2. Post-Design Construction Administration	\$ 450,000.00	\$ 1,500,000.00	\$ 4,136,583.00
i. Construction Administration (Phases A, B, C, and D)	\$ 3,978,705.00	\$ 5,500,000.00	\$ 10,736,583.00
SUBTOTAL DESIGN COST (BASE BID)			
CONSTRUCTION			
GENERAL			
1. Mobilization/Demobilization			
i. Mobilization/Demobilization (Phase A)	\$ 300,000.00	\$ 500,000.00	\$ 1,280,000.00
ii. Mobilization/Demobilization (Phase B)	\$ 650,000.00	\$ 500,000.00	\$ 671,383.00
iii. Mobilization/Demobilization (Phase C)	\$ 50,000.00	\$ 50,000.00	\$ 247,824.00
2. Bond/Insurance			
i. Bond/Insurance (Phases A, B, and C)	\$ 330,000.00	\$ 1,100,000.00	\$ 1,130,773.00
3. Maintenance of Traffic			
i. Maintenance of Traffic (Phase A)	\$ 50,000.00	\$ 300,000.00	\$ 1,025,875.00
ii. Maintenance of Traffic (Phase B)	\$ 25,000.00	\$ 230,000.00	\$ 230,321.00
iii. Maintenance of Traffic (Phase C)	\$ 2,000.00	\$ 40,000.00	\$ 30,000.00
SUBTOTAL - Construction COST (BASE BID)			
	\$ 1,407,000.00	\$ 2,720,000.00	\$ 4,616,176.00
Phase A – Base Bid			
Project Pipe (New or Rehabilitated)			
1. 48" Open-cut Pipe	\$ 1,155,600.00	\$ 1,810,000.00	\$ 4,190,400.00
2. 48" HDD Pipe	\$ 8,412,500.00	\$ 12,537,000.00	\$ 15,132,000.00
3. 48" Tunneled Pipe	\$ 566,400.00	\$ -	\$ 500.00
Connections			
1. Connections/Tie-ins	\$ 280,000.00	\$ -	\$ 524,000.00
Valves			
1. New 48" Valves	\$ 450,000.00	\$ 150,000.00	\$ 868,000.00
2. Reinstatement of Existing 48" Valves	\$ -	\$ -	\$ 141,000.00
3. Reinstatement of Existing 36" Valves	\$ -	\$ -	\$ 74,000.00
4. New Miscellaneous Isolation Valves (6" - 18")	\$ -	\$ -	\$ 27,000.00
5. Miscellaneous Air Release/Vacuum Valves	\$ 120,000.00	\$ 140,000.00	\$ 529,080.00
Site Restoration			
1. Mill and Resurface	\$ 143,100.00	\$ 250,000.00	\$ 120,000.00
2. Miscellaneous Restoration	\$ 250,000.00	\$ 100,000.00	\$ 600,000.00
SUBTOTAL - PHASE A CONSTRUCTION COST (BASE BID)			
	\$ 11,377,600.00	\$ 14,987,000.00	\$ 22,205,980.00
Phase B – Base Bid			
Project Pipe (New or Rehabilitated)			
1. 48" Compression Fit or Other Minimally Invasive Method (trenchless)	\$ 13,895,014.00	\$ 25,870,000.00	\$ 13,752,428.00
2. 54" Compression Fit or Other Minimally Invasive Method (trenchless)	\$ 2,711,500.00	\$ 3,501,500.00	\$ 1,581,296.00
Connections			
1. Connections/Tie-ins	\$ 437,940.00	\$ 500,000.00	\$ 2,203,575.00
Valves			
1. New 54" Valves	\$ 786,030.00	\$ 500,000.00	\$ 1,353,227.00
2. Reinstatement of Existing 54" Valves	\$ -	\$ 75,000.00	\$ 593,367.00
3. New 48" Valves	\$ 2,135,980.00	\$ 1,650,000.00	\$ 2,463,575.00
4. Reinstatement of Existing 48" Valves	\$ 388,360.00	\$ 80,000.00	\$ 593,367.00
5. New 36" Valves	\$ 194,180.00	\$ -	\$ 643,776.00
6. Reinstatement of Existing 36" Valves	\$ -	\$ 80,000.00	\$ 643,550.00
7. New Miscellaneous Isolation Valves (6" - 18")	\$ 89,880.00	\$ 450,000.00	\$ 680,370.00
8. Reinstatement of Existing Isolation Valves (16")	\$ -	\$ -	\$ 528,276.00
9. Miscellaneous Air Release/Vacuum Valves	\$ 116,040.00	\$ 385,000.00	\$ 638,449.00
Site Restoration			
1. Mill and Resurface	\$ 227,450.00	\$ 200,000.00	\$ 1,076,059.00
2. Miscellaneous Restoration	\$ 214,090.00	\$ 100,000.00	\$ 756,837.00
SUBTOTAL - PHASE B CONSTRUCTION COST (BASE BID)			
	\$ 21,196,464.00	\$ 33,391,500.00	\$ 27,508,152.00

DESCRIPTION	LANZO CONSTRUCTION COMPANY	MURPHYS PIPELINE	RIC-MAN FL
Phase C – Base Bid			
<i>Project Pipe (New or Rehabilitated)</i>	\$ 2,843,200.00	\$ 1,536,000.00	\$ 2,371,871.00
1. 48" CIPP Under the New River			\$ 77,265.00
<i>Connections</i>			\$ 1.00
1. Connections/Tie-ins	\$ 80,000.00	\$ -	\$ 43,255.00
<i>Valves</i>			
1. New Miscellaneous Isolation Valves (6" – 18")	\$ -	\$ -	\$ 1.00
2. Miscellaneous Air Release/Vacuum Valves	\$ 26,860.00	\$ -	\$ 1.00
<i>Site Restoration</i>			
1. Mill and Resurface	\$ -	\$ -	\$ -
2. Miscellaneous Restoration	\$ 7,310.00	\$ 65,000.00	\$ -
		\$ 35,000.00	
SUBTOTAL - PHASE C CONSTRUCTION COST (BASE BID)	\$ 2,957,370.00	\$ 1,636,000.00	\$ 2,492,394.00
PROPOSED COST A,B & C	\$ 40,917,139.00	\$ 58,234,500.00	\$ 67,559,285.00

ALLOWANCES			
1. Permits, Licenses and Fees for Government Agencies	\$ 750,000.00	\$ 750,000.00	\$ 750,000.00
2. Allowance for Sampling and Analysis of Contaminated Soils and/or Groundwater	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00
3. Allowance for Handling and/or disposal of Contaminated Soils and/or Groundwater	\$ 110,000.00	\$ 110,000.00	\$ 110,000.00
4. Allowance for Other Unforeseen Conditions	\$ 2,450,000.00	\$ 2,450,000.00	\$ 2,450,000.00
SUBTOTAL - ALLOWANCE COST	\$ 3,370,000.00	\$ 3,370,000.00	\$ 3,370,000.00

Phase D – Bid Alternate			
POST-DESIGN SERVICES			
1. Post-Design Construction Administration	\$ 50,000.00	\$ 140,000.00	\$ 50,000.00
SUBTOTAL POST-DESIGN COST (BID ALTERNATE)	\$ 50,000.00	\$ 140,000.00	\$ 50,000.00
CONSTRUCTION			
<i>GENERAL</i>			
1. Mobilization/Demobilization	\$ 50,000.00	\$ 100,000.00	\$ 247,824.00
2. Bond/Insurance	\$ 25,000.00	\$ 50,000.00	\$ 1.00
3. Maintenance of Traffic	\$ 5,000.00	\$ 65,000.00	\$ 30,000.00
SUBTOTAL GENERAL COST (BID ALTERNATE)	\$ 80,000.00	\$ 215,000.00	\$ 277,825.00
<i>Project Pipe (New or Rehabilitated)</i>			
1. 48" CIPP Under the Middel River	\$ 1,260,895.00	\$ 2,277,000.00	\$ 3,796,276.00
<i>Connections</i>			
1. Connections/Tie-ins	\$ 75,000.00	\$ 50,000.00	\$ 272,740.00
<i>Valves</i>			
1. New 42" Valve	\$ 180,000.00	\$ 250,000.00	\$ 1.00
2. Reinstatement of Existing 42" Valves	\$ -	\$ -	\$ 84,684.00
3. Miscellaneous Air Release/Vacuum Valves	\$ 26,860.00	\$ 70,000.00	\$ 43,255.00
<i>Site Restoration</i>			
1. Mill and Resurface	\$ 2,550.00	\$ 75,000.00	\$ 43,564.00
2. Miscellaneous Restoration	\$ 25,000.00	\$ 45,000.00	\$ 15,000.00
SUBTOTAL - PHASE D CONSTRUCTION COST (BID ALTERNATE)	\$ 1,570,305.00	\$ 2,767,000.00	\$ 4,255,520.00
Total Bid Alternate	\$ 1,700,305.00	\$ 3,122,000.00	\$ 4,583,345.00
Total Proposed Amount Per Price Proposal + Allowances	\$ 45,987,444.00	\$ 64,726,500.00	\$ 75,512,630.00

Total Proposed Amount Per Price Proposal Less Allowances	\$ 42,617,444.00	\$ 61,356,500.00	\$ 72,142,630.00
---	-------------------------	-------------------------	-------------------------