



CONSTRUCTION COST ESTIMATE

Proposed 12 and 24 inches Force Mains along SR 5 (N. Roosevelt Blvd.), From Georgia St. to Kennedy Dr.

Financial Project No. 250548-3-56-01

City of Key West

| ITEM | DESCRIPTION | UNIT | UNIT PRICE | QUANTITY | TOTAL |
|--|--|------|--------------|----------|-----------------------|
| 1 | Install 24" PVC Pipe and Fittings. | LF | \$68.00 | 9,186.00 | \$624,648.00 |
| 2 | Furnish 24" PVC Pipe and Fittings. | LF | \$42.00 | 9,186.00 | \$385,812.00 |
| 3 | Install 16" PVC Pipe and Fittings. | LF | \$60.00 | 82.00 | \$4,920.00 |
| 4 | Furnish 16" PVC Pipe and Fittings. | LF | \$37.00 | 82.00 | \$3,034.00 |
| 5 | Install 12" PVC Pipe, Fittings and Valves. | LF | \$52.00 | 710.00 | \$36,920.00 |
| 6 | Furnish 12" PVC Pipe, Fittings and Valves. | LF | \$30.00 | 710.00 | \$21,300.00 |
| 7 | Install 6" PVC Pipe and Fittings. | LF | \$35.00 | 84.00 | \$2,940.00 |
| 8 | Furnish 6" PVC Pipe and Fittings. | LF | \$20.00 | 84.00 | \$1,680.00 |
| 9 | Install 4" PVC Pipe, Fittings and Valves. | LF | \$33.00 | 176.00 | \$5,808.00 |
| 10 | Furnish 4" PVC Pipe, Fittings and Valves. | LF | \$19.00 | 176.00 | \$3,344.00 |
| 11 | Install 24" Gate Valves complete, w/rise pipe and valve box. | EA | \$3,200.00 | 10.00 | \$32,000.00 |
| 12 | Furnish 24" Gate Valves complete, w/rise pipe and valve box. | EA | \$7,450.00 | 10.00 | \$74,500.00 |
| 13 | Install 16" Gate Valves complete, w/rise pipe and valve box. | EA | \$2,500.00 | 3.00 | \$7,500.00 |
| 14 | Furnish 16" Gate Valves complete, w/rise pipe and valve box. | EA | \$3,800.00 | 3.00 | \$11,400.00 |
| 15 | Furnish and Install 24" Steel Pipe on Bridge over Salt Run Canal | LF | \$450.00 | 221.00 | \$99,450.00 |
| 16 | Make connections to exist. F.M. at Several Locations | EA | \$4,500.00 | 8.00 | \$36,000.00 |
| 17 | Furnish & Install Air Release Valve assembly complete. | EA | \$2,500.00 | 15.00 | \$37,500.00 |
| 18 | Install M.J. Tapping Sleeves and Tapping Valves (Several Diameters) | EA | \$6,500.00 | 4.00 | \$26,000.00 |
| 19 | Furnish M.J. Tapping Sleeves and Tapping Valves (Several Diameters) | EA | \$4,500.00 | 4.00 | \$18,000.00 |
| 20 | Remove Valve Boxes and riser pipe on mains to be placed out of service to 2' below finish grade. | EA | \$300.00 | 15.00 | \$4,500.00 |
| Total | | | | | \$1,437,256.00 |
| 21 | Maintenance of Traffic [M.O.T.] (10%) | LS | \$143,725.60 | 1 | \$143,725.60 |
| 22 | Mobilization (10%) | LS | \$143,725.60 | 1 | \$143,725.60 |
| Total Estimated Construction Cost | | | | | \$1,724,707.20 |
| 23 | Contingency Fund (10%) | LS | \$172,470.72 | 1 | \$172,470.72 |
| 24 | Const. Engineering Administration [C.E.A.] (2%) | | | | \$34,494.14 |
| UTILITY WORK GRAND TOTAL | | | | | \$1,931,672.06 |