

Engineer's Opinion of Probable Project Costs
 Ingall's Avenue Roadway Improvements Project
 City of Pascagoula (KCDBG R109-290-06KCR)

Date: 04/06/2022

ESTIMATED CONSTRUCTION AND ENGINEERING COSTS FOR CO6 (INGALLS' EAST EXTENSION PROPOSED WORK)

DIRECT CONSTRUCTION COSTS

1. ESTIMATED DIRECT CONSTRUCTION COSTS					
Item No.	Description	Unit	Qty	Unit Cost	Extension
02050-A	Removal of Pavement (all types and thicknesses)	SY	835	\$13.05	\$ 10,896.75
02050-B	Sawcut, full depth (all types and thicknesses)	LF	445	\$5.00	\$ 2,225.00
02050-C	Removal of Curb and Gutter	LF	404	\$3.00	\$ 1,212.00
02050-D	Removal of Concrete Driveway	SY	50	\$4.00	\$ 200.00
02050-E	Removal of Sidewalk	SY	185	\$2.00	\$ 370.00
02050-G	Removal of unsuitable soils from job site	CY	561	\$5.00	\$ 2,805.00
02050-H	Removal of sewer manholes or drainage structures	EA	1	\$200.00	\$ 200.00
02221-B	Pipe Foundation Material (PM)	CY	67	\$58.00	\$ 3,886.00
02226-A	Borrow Material, Type B (FM)	CY	422	\$15.50	\$ 6,541.00
02226-B	Excess Excavation (LVM)	CY	422	\$2.00	\$ 844.00
02234-A	Crushed Limestone Sub-base for cuts in street R.O.W.	SY	206	\$26.68	\$ 5,496.08
02234-B	Limestone Granular Base Course for driveways (FM)	CY	25	\$75.00	\$ 1,875.00
02234-C	Geotextile Fabric (FM)	SY	835	\$2.00	\$ 1,670.00
02295-A	Stormwater Management	LS	0.0	\$5,000.00	\$ -
02512-A	Hot Bituminous Pavement (MDOT ST. 12.5mm mix)(2"Thick)	SY	835	\$12.82	\$ 10,704.70
02512-B	Hot Bituminous Pavement (MDOT ST. 19mm mix)(4"Thick)	SY	835	\$23.46	\$ 19,589.10
02520-A	Low Pressure Portland Cement Grout	CY	20	\$200.00	\$ 4,000.00
02521-A	Concrete Curb and Gutter/Rollover Curb	LF	404	\$19.00	\$ 7,676.00
02522-B	Concrete Drive Restoration	SY	50	\$74.00	\$ 3,700.00
02522-B	Concrete Sidewalk	SY	185	\$58.00	\$ 10,730.00
02581-B	6" Thermoplastic Traffic Stripe, Continuous White	LF	50	\$1.13	\$ 56.50
02581-C	6" Thermoplastic Traffic Stripe, Skip Yellow	LF	27	\$1.13	\$ 30.51
02581-D	6" Thermoplastic Traffic Stripe, Continuous Yellow	LF	405	\$1.13	\$ 457.65
02660-D	8" Ductile Iron Water Main	LF	0	\$38.00	\$ -
02660-E	Ductile Iron Fittings	Ton	0	\$4,200.00	\$ -
02661-D	1-1/2" Water Service Assembly, Short Side	EA	1	\$1,200.00	\$ 1,200.00
02661-E	2" Water Service Assembly, Long Side	EA	1	\$1,200.00	\$ 1,200.00
02661-G	Relocate Existing Water Meter (all sizes)	EA	2	\$81.00	\$ 162.00
02662-A	8" x 8" Tapping Sleeve and 8" Valve	EA	0	\$2,400.00	\$ -
02721-A	Curb Inlet	EA	0	\$4,200.00	\$ -
02772-F	44" x 27" RCAP	LF	0	\$97.62	\$ -
029535-A	Maintenance of Traffic	LS	0.0	\$15,000.00	\$ -
02732-A	Pipe Bursting	LF	0.00	\$0.00	\$ -
02732-B	Locate and Connect existing sewer service	EA	0.00	\$0.00	\$ -
02733-A	Structural Manhole Rehabilitation	VF	63.00	\$463.73	\$ 29,214.99
02734-A	CIPP sewer main rehabilitation, 8" Sewer Main	LF	47.00	\$43.51	\$ 2,044.97
02734-B	CIPP sewer main rehabilitation, 10" Sewer Main	LF	356.00	\$62.98	\$ 22,420.88
02734-C	CIPP sewer main rehabilitation, 15" Sewer Main	LF	314.00	\$108.78	\$ 34,156.92
02734-D	CIPP sewer main rehabilitation, 18" Sewer Main	LF	0.00	\$0.00	\$ -
02734-E	CIPP sewer main rehabilitation, 21" Sewer Main	LF	295.00	\$200.38	\$ 59,112.10
02734-F	Miscellaneous work, CIPP	LS	1.00	\$5,275.00	\$ 5,725.00
02734-G	Remote removal of protruding service	EA	2.00	\$286.25	\$ 572.50
02734-H	Mobilization CIPP	LS	1.00	\$18,966.93	\$ 18,966.93
02722-I	44" x 27" RCAP	LF	272.00	\$153.93	\$ 41,868.96
02664-B	Fire Hydrant Assembly	EA	1.00	\$4,057.99	\$ 4,057.99
02721-E	Reconstruct Drainage Structure	LS	1.00	\$107,478.00	\$ 107,478.00
CO4-1	Removal of impacted soils	CY	0.00	\$100.00	\$ -
CO4-2	Protective measures for impacted soils	LS	0.00	\$5,000.00	\$ -
CO4-3	Removal of impacted groundwater	CF	0.00	\$100.00	\$ -
02660-F	10" Ductile Iron Water Main	LF	300.00	\$75.84	\$ 22,752.00
02660-G	Ductile Iron Fittings	TN	1.00	\$17,175.00	\$ 17,175.00
02662-E	10" x 8" Tapping Sleeve and 8" valve	EA	0.00	\$4,000.00	\$ -
02662-F	10" x 10" Tapping Sleeve and 10" valve	EA	1.00	\$4,809.00	\$ 4,809.00
02662-G	10" Line Stop	EA	1.00	\$7,464.00	\$ 7,464.00
TOTAL ESTIMATED CONSTRUCTION COSTS					\$ 475,546.53
INDIRECT CONSTRUCTION COSTS					
1	Professional Fees (CE)				\$0.00
2	RPR Services				\$0.00
3	Professional Fees (design during construction)				\$0.00
4	Professional Fees (Environmental Planning and Management)				\$27,302.47
5	Construction Contingency				\$0.00
SUB-TOTAL INDIRECT CONSTRUCTION COSTS					\$ 27,302.47
TOTAL ESTIMATED PROJECT COSTS					\$ 502,849.00