



Estimate of Maintenance Costs

Submittal Type **Revised**

Local Public Agency	County	Section Number	Maintenance Period	
Makanda Road District	Jackson	21-10000-00-GM	Beginning	Ending
			01/01/21	12/31/21

Maintenance Items

Maintenance Operation	Maint Eng Category	Insp. Req.	Material Categories/ Point of Delivery or Work Performed by an Outside Contractor	Unit	Quantity	Unit Cost	Cost	Total Maintenance Operation Cost
MAINTENANCE	IIA		PATCH MIX - FOB	TON	75	\$60.00	\$4,500.00	\$4,500.00
	IIA		HFE300 SPEC - FOB	TON	210	\$40.00	\$8,400.00	\$8,400.00
	IIA		COURSE AGG - FOB	TON	670	\$10.00	\$6,700.00	\$6,700.00
	IIA		RIP RAP AGG - FOB	TON	50	\$12.00	\$600.00	\$600.00
	IIB		COURSE AGG - POD	TON	200	\$15.00	\$3,000.00	\$3,000.00
	IIB		HFE150 - POD APPLIED	GAL	16,600	\$1.95	\$32,370.00	\$32,370.00
	IIB		COVER AGG - POD APP	TON	805	\$24.00	\$19,320.00	\$19,320.00
	IIA		SALT MIX - FOB	TON	75	\$50.00	\$3,750.00	\$3,750.00
	IIA		CULVERTS - VAR-FOB	LF	200	\$20.00	\$4,000.00	\$4,000.00
	IIA		SIGNS - VAR - FOB	EACH	20	\$50.00	\$1,000.00	\$1,000.00
	IIA		SIGN POSTS - VAR-FOB	EACH	20	\$50.00	\$1,000.00	\$1,000.00
<b>Total Operation Cost</b>								<b>\$84,640.00</b>

Estimate of Maintenance Costs Summary

Maintenance	MFT Funds	Other Funds	Estimated Costs
Local Public Agency Labor	\$5,000.00		\$5,000.00
Local Public Agency Equipment	\$7,500.00		\$7,500.00
Materials/Contracts(Non Bid Items)	\$32,950.00		\$32,950.00
Materials/Deliver & Install/Request for Quotations (Bid Items)	\$51,690.00		\$51,690.00
Formal Contract (Bid Items)			
<b>Maintenance Total</b>	<b>\$97,140.00</b>		<b>\$97,140.00</b>

Estimated Maintenance Eng Costs Summary

Maintenance Engineering	MFT Funds	Other Funds	Total Est Costs
Maintenance Engineering	\$5,107.00		\$5,107.00
Material Testing			
Advertising			
Bridge Inspection Engineering			
<b>Maintenance Engineering Total</b>	<b>\$5,107.00</b>		<b>\$5,107.00</b>
<b>Total Estimated Maintenance</b>	<b>\$102,247.00</b>		<b>\$102,247.00</b>

Remarks



Estimate of Maintenance Costs

Submission Type **Original**

Local Public Agency	County	Section Number	Beginning	Ending
Makanda Road District	Jackson	22-10000-00-GM	01/01/22	12/31/22

Maintenance Items

Maintenance Operation	Maint Eng Category	Insp. Req.	Material Categories/ Point of Delivery or Work Performed by an Outside Contractor	Unit	Quantity	Unit Cost	Cost	Total Maintenance Operation Cost
MAINTENANCE	IIA		PATCH MIX-FOB	TON	50	\$60.00	\$3,000.00	\$3,000.00
	IIA		HFE300 SPEC-FOB	TON	250	\$60.00	\$15,000.00	\$15,000.00
	IIA		COURSE AGG-FOB	TON	300	\$13.00	\$3,900.00	\$3,900.00
	IIA		RIP RAP AGG-FOB	TON	75	\$15.00	\$1,125.00	\$1,125.00
	IIB		COURSE AGG-POD	TON	100	\$16.50	\$1,650.00	\$1,650.00
	IIB		HFE150-POD APP	GAL	17,600	\$2.50	\$44,000.00	\$44,000.00
	IIB		COVER AGG-POD APP	TON	800	\$26.00	\$20,800.00	\$20,800.00
	IIA		SALT MIX-FOB	TON	25	\$50.00	\$1,250.00	\$1,250.00
	IIA		CULVERTS-FOB-VAR	LF	300	\$35.00	\$10,500.00	\$10,500.00
<b>Total Operation Cost</b>								<b>\$101,225.00</b>

Estimate of Maintenance Costs Summary

Maintenance	MFT Funds	RBI Funds	Other Funds	Estimated Costs
Local Public Agency Labor	\$15,000.00			\$15,000.00
Local Public Agency Equipment	\$10,000.00			\$10,000.00
Materials/Contracts(Non Bid Items)	\$34,775.00			\$34,775.00
Materials/Deliver & Install/Materials Quotations (Bid Items)	\$3,562.72	\$62,887.28		\$66,450.00
Formal Contract (Bid Items)				
<b>Maintenance Total</b>	<b>\$63,337.72</b>	<b>\$62,887.28</b>		<b>\$126,225.00</b>

Estimated Maintenance Eng Costs Summary

Maintenance Engineering	MFT Funds	RBI Funds	Other Funds	Total Est Costs
Preliminary Engineering				
Engineering Inspection				
Material Testing				
Advertising				
Bridge Inspection Engineering	\$6,000.00			\$6,000.00
<b>Maintenance Engineering Total</b>	<b>\$6,000.00</b>			<b>\$6,000.00</b>
<b>Total Estimated Maintenance</b>	<b>\$69,337.72</b>	<b>\$62,887.28</b>		<b>\$132,225.00</b>

Remarks

BRIDGE INSPECTION ENGINEERING INCLUDES OVERALL MAINTENANCE ENGINEERING