

COST ESTIMATE OF CONSULTANT SERVICES

FIRM BLA, Inc.
 SECTION --
 PROJECT NAME Village of Orland Park
 Tinley Creek Bank Stabilization

DATE 4/6/2021

Design Activities/Plan Preparation

TASK 1: Meetings			
CLASSIFICATION	LOADED RATE	HOURS	COST
Senior Project Manager	\$175.00	4	\$700.00
Project Manager	\$135.00	26	\$3,510.00
Public Outreach Coordinator	\$80.00	4	\$320.00
Direct Costs	--	--	\$193.50
BLA Task 1 Total		34	\$4,723.50

TASK 2: Data Collection			
CLASSIFICATION	LOADED RATE	HOURS	COST
Director of Environmental Services	\$135.00	16	\$2,160.00
Project Manager	\$135.00	30	\$4,050.00
Design Engineer	\$80.00	26	\$2,080.00
Direct Costs	--	--	\$207.00
BLA Task 2 Total		72	\$8,497.00

TASK 3: Design Development			
CLASSIFICATION	LOADED RATE	HOURS	COST
Principal	\$235.00	12	\$2,820.00
Director of Structural Engineering	\$190.00	24	\$4,560.00
Director of Environmental Services	\$135.00	34	\$4,590.00
Senior Project Manager	\$175.00	36	\$6,300.00
Project Manager	\$135.00	140	\$18,900.00
Design Engineer	\$80.00	594	\$47,520.00
Direct Costs	--	--	\$169.50
BLA Task 3 Total		840	\$84,859.50

TASK 4: Construction Bidding Support			
CLASSIFICATION	LOADED RATE	HOURS	COST
Senior Project Manager	\$175.00	5	\$875.00
Project Manager	\$135.00	16	\$2,160.00
Design Engineer	\$80.00	10	\$800.00
Direct Costs	--	--	\$0.00
BLA Task 4 Total		31	\$3,835.00

	Per Meeting Rate	# Meetings	Mtg. Allowance
On-site Homeowner Meetings Allowance	\$ 693.00	5	\$ 3,465.00

Topographic Survey (Marchese & Sons)	\$65,944.08
Environmental (Huff & Huff)	\$5,338.10

Total Fee -Tinley Creek Bank Stabilization	977	\$176,662.18
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BLA Manhours			
PROJECT: Tinley Creek Bank Stabilization			
Task 1 - Meetings			TOTAL MH'S
Kickoff & MWRDGC Coordination (2 meetings, 2 people/Ea @ 2 hrs)			8
Monthly Project Meetings (PM only @ 1 hrs; assume 10 mtgs)			10
Property Owner Discussions (Addendum 1 requests a per mtg cost, with an allowance for 5 total mtgs) -assume 3 hrs/Ea, PM & Public Outreach Coord. Per mtg, plus design vehicle day rate			Allowance
Public Meeting			8
Pre-application meeting with USACE, IDNR, MWRDGC			4
Board of Trustees presentation			4
Task 1 Subtotal			34
Task 2 - Data Collection			
Review previous plan			20
Coordinate subcontractors			4
Site Visit (grain size, channel dims, photos, wetlands, ID trees)			48
Task 2 Subtotal			72
Task 3 - Design Development			
Hydraulic/hydrologic modeling, output, figures			80
Channel stability and feature calcs/spacing			60
Design Subtotal			140
Plan Preparation	No. Sheets	MH Per Sheet	TOTAL MH'S
Cover Sheet	1	4	4
General Notes, Index, Standards	2	4	8
Overall Layout Plan	3	2	6
Existing Layout and Demo Plan	11	4	44
Plan and Profile	11	10	110
Alignment and Ties	6	6	36
Cross Sections	17	6	102
Details	11	2	22
Schedule of Quantities	3	4	12
Traffic Control Plan	3	3	9
SESC Plan	11	3	33
Planting Plan	11	5	55
Tree Schedule	3	1	3
Planting Schedule	3	3	9
Retaining Walls Plan and Elevation	10	6	60
Structural Notes	1	3	3
Typical Wall Details	4	4	16
Wall Data Schedules	1	2	2
Reinforcing Bar Schedule	1	2	2
Plan Preparation Subtotal	113		536
Additional Deliverables			
Identified properties not critical to project (1 submittal), at 30%			8
Estimate of Cost (2 Submittals @ 12 Hours/Ea) -includes O&M costs for the 90% submittal			24
Easement Exhibits (1 Submittal @ 40 properties, 1 Hours/Ea)			40
Special Provisions/Front End Bid Documents			48
Permit Applications			44
Additional Deliverables Subtotal			164
Task 3 Subtotal			840
Task 4 - Construction Bidding Support			
Construction Schedule			7
Compiled PS&E bidding package			9
Provide contractor selection criteria			2
Develop scope of services for construction engineering/observation			5
Assist Village reviewing bids			8
Task 4 Subtotal			31
Total MH			977

BLA Direct Costs

PROJECT: Tinley Creek Bank Stabilization

			<u>#</u>	<u>Rate</u>	<u>Total</u>
	<i>Task 1</i>				
<u>Public Meeting</u>					
Vehicle			1	\$48.00	\$48.00
				SubTotal	\$48.00
<u>Public Meeting</u>	<u>Size</u>	<u>Sheets</u>	<u>Sets</u>		
Impacted property exhibits	11"x17"	40	2	\$0.25	\$20.00
Postage - mail invite to each prop owner		40	1	\$0.55	\$22.00
				SubTotal	\$42.00
<u>Pre-application Meeting</u>					
Vehicle			1	\$48.00	\$48.00
				SubTotal	\$48.00
<u>Pre-application Meeting</u>	<u>Size</u>	<u>Sheets</u>	<u>Sets</u>		
Exhibits	11"x17"	15	2	\$0.25	\$7.50
				SubTotal	\$7.50
<u>Board of Trustees Presentation</u>					
Vehicle			1	\$48.00	\$48.00
				SubTotal	\$48.00
				Total Task 1 Direct Cost	\$193.50
	<i>Task 2</i>				
<u>Field Visits</u>					
Vehicle			4	\$48.00	\$192.00
				SubTotal	\$192.00
Flagging ribbon, tree tags			1	\$15.00	\$15.00
				SubTotal	\$15.00
				Total Task 2 Direct Cost	\$207.00
	<i>Task 3</i>				
<u>Plots</u>					
Check Plot, half size plans (11x17), 3 submittals	11"x17"	113	3	0.25	\$84.75
Submittal Plot, full size plans (11x17), 3 submittals	24"x36"	113	3	0.25	\$84.75
				Total Task 3 Direct Cost	\$169.50
				Grand Total	\$570.00