

**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**

<b>TASK 1: Meetings</b>			
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
<b>BLA Task 1 Total</b>			<b>34</b>
			<b>\$4,723.50</b>

<b>TASK 2: Data Collection</b>			
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
<b>BLA Task 2 Total</b>			<b>72</b>
			<b>\$8,497.00</b>

<b>TASK 3: Design Development</b>			
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
<b>BLA Task 3 Total</b>			<b>840</b>
			<b>\$84,859.50</b>

<b>TASK 4: Construction Bidding Support</b>			
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
<b>BLA Task 4 Total</b>			<b>31</b>
			<b>\$3,835.00</b>

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

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

<b>Total Fee -Tinley Creek Bank Stabilization</b>	<b>977</b>	<b>\$176,662.18</b>
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<b>BLA Manhours</b>			
<b>PROJECT: Tinley Creek Bank Stabilization</b>			
<b>Task 1 - Meetings</b>			<b>TOTAL MH'S</b>
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) <i>-assume 3 hrs/Ea, PM &amp; Public Outreach Coord. Per mtg, plus design vehicle day rate</i>			Allowance
Public Meeting			8
Pre-application meeting with USACE, IDNR, MWRDGC			4
Board of Trustees presentation			4
		<b>Task 1 Subtotal</b>	<b>34</b>
<b>Task 2 - Data Collection</b>			
Review previous plan			20
Coordinate subcontractors			4
Site Visit (grain size, channel dims, photos, wetlands, ID trees)			48
		<b>Task 2 Subtotal</b>	<b>72</b>
<b>Task 3 - Design Development</b>			
Hydraulic/hydrologic modeling, output, figures			80
Channel stability and feature calcs/spacing			60
		<b>Design Subtotal</b>	<b>140</b>
<b>Plan Preparation</b>	<b>No. Sheets</b>	<b>MH Per Sheet</b>	<b>TOTAL MH'S</b>
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
	<b>Plan Preparation Subtotal</b>	<b>113</b>	<b>536</b>
<b>Additional Deliverables</b>			
Identified properties not critical to project (1 submittal), at 30%			8
Estimate of Cost (2 Submittals @ 12 Hours/Ea) <i>-includes O&amp;M costs for the 90% submittal</i>			24
Easement Exhibits (1 Submittal @ 40 properties, 1 Hours/Ea)			40
Special Provisions/Front End Bid Documents			48
Permit Applications			44
		<b>Additional Deliverables Subtotal</b>	<b>164</b>
		<b>Task 3 Subtotal</b>	<b>840</b>
<b>Task 4 - Construction Bidding Support</b>			
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
		<b>Task 4 Subtotal</b>	<b>31</b>
		<b>Total MH</b>	<b>977</b>

**BLA Direct Costs**  
**PROJECT: Tinley Creek Bank Stabilization**

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