



# Section 4 | Professional Fee

## TINLEY CREEK STREAMBANK STABILIZATION

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RFP #21-015 | March 29, 2021

Submitted to:  
Village of Orland Park, Illinois  
Office of the Village Clerk  
14700 South Ravinia Avenue, Orland Park, Illinois 60462

Submitted by:

**Michael Baker**  
INTERNATIONAL

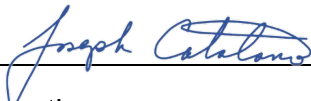
**PROPOSAL SUMMARY SHEET**  
RFP 21-015  
Tinley Creek Streambank Stabilization

Business Name: Michael Baker International, Inc.  
Street Address: 200 West Adams Street, Suite 1800  
City, State, Zip: Chicago, IL 60606  
Contact Name: Tatiana Papakos, P.E., CFM  
Title: Department Manager - Water Resources  
Phone: 312-575-3956 Fax: 312-707-8804  
E-Mail address: tatiana.papakos@mbakerintl.com

**Price Proposal**

**PROPOSAL TOTAL** \$ 649,460  
(On an hourly, not to exceed fee basis)

**AUTHORIZATION & SIGNATURE**

Name of Authorized Signee: Joseph Catalano, P.E.  
Signature of Authorized Signee:   
Title: Vice President, Office Executive Date: March 29, 2021

Project Name: Tinley Creek Streambank Stabilization  
Client: Village of Orland Park

Total Project (With ODCs) = **\$649,460.20**  
Total Project Hours = **3,247**

Task #	Description	Principal		PM/QA-QC		Sr. PM		PE/Designer		GIS/Env		EIT/H&H/CAD		Sub/ODCs		Total
		Time	Cost	Time	Cost	Time	Cost	Time	Cost	Time	Cost	Time	Cost	Sub	Cost	
<b>1</b>	<b>Project Management and Coordination</b>															
1	kickoff meeting			2	\$324	2	\$351					2	\$200			\$875
2	PMP and subconsultant agreements	1	\$338	24	\$3,888											\$4,226
3	invoicing and project schedule and budget	2	\$675	26	\$4,212											\$4,887
4	Internal meetings/coordination	3	\$1,013	36	\$5,832			4	\$486	2	\$189	4	\$400			\$7,919
5	Monthly project progress meetings			36	\$5,832					4	\$378					\$6,210
6	Coordination with Village & MWRD			18	\$2,916											\$2,916
	<b>Subtotal =</b>	6	\$2,025	142	\$23,004	2	\$351	4	\$486	6	\$567	6	\$599			\$27,032
<b>2</b>	<b>Data Review and Collection</b>															
1	Review existing design			8	\$1,296	12	\$2,106					12	\$1,199	Aqua Vitae	\$1,200	\$5,801
2	Field visits (2)			8	\$1,296			8	\$972			8	\$799	Aqua Vitae	\$1,200	\$4,267
3	Topographic Survey													DB Sterlin	\$55,628	\$55,628
4	Hydraulic survey													DB Sterlin	\$7,337	\$7,337
5	Photographic/video record - UAS					49	\$8,600					16	\$1,598			\$10,198
6	Geotechnical investigation													Wang	\$45,700	\$45,700
7	Utility locations													Wang	\$10,000	\$10,000
	<b>Subtotal =</b>			16	\$2,592	61	\$10,706	8	\$972			36	\$3,596		\$121,065	\$138,931
<b>3</b>	<b>Streambank Stabilization 30% Design</b>															
1	H&H Modeling			12	\$1,944					8	\$756	40	\$3,996			\$6,696
2	Natural Channel Design			24	\$3,888	24	\$4,212			8	\$756	8	\$799	Aqua Vitae	\$6,000	\$15,655
3	Structural Design and 30% plans					149	\$26,150	477	\$57,956							\$84,105
4	30% plans (all, except structural & SESC)							92	\$11,178			536	\$53,546			\$64,724
5	QC Reviews			76	\$12,312											\$12,312
	<b>Subtotal =</b>			112	\$18,144	173	\$30,362	569	\$69,134	16	\$1,512	584	\$58,342		\$6,000	\$183,493
<b>4</b>	<b>Streambank Stabilization 60% Design</b>															
1	Easement Documents													DB Sterlin	\$57,278	\$57,278
2	60% Construction Cost							12	\$1,458			24	\$2,398			\$3,856
3	60% plans (all, except structural & SESC)							46	\$5,589			268	\$26,773			\$32,362
4	60% Specifications							12	\$1,458							\$1,458
5	Structural Design and 60% plans					75	\$13,163	238	\$28,917							\$42,080
6	Planting Design									18	\$1,701			WBK	\$21,816	\$23,517
7	Erosion and Sediment Control and plans											40	\$3,996			\$3,996
8	Identification of Critical Properties					2	\$351					12	\$1,199			\$1,550
9	QC Reviews			32	\$5,184											\$5,184
	<b>Subtotal =</b>			32	\$5,184	77	\$13,514	308	\$37,422	18	\$1,701	344	\$34,366		\$79,094	\$171,280
<b>5</b>	<b>Streambank Stabilization 90% Design</b>															
1	90% Construction Cost							4	\$486			12	\$1,199			\$1,685
2	90% Plans							12	\$1,458			80	\$7,992			\$9,450
3	90% Specifications							40	\$4,860							\$4,860
4	Annual O&M Cost							8	\$972			24	\$2,398			\$3,370
5	Construction Schedule			8	\$1,296											\$1,296
6	QC Reviews			12	\$1,944											\$1,944
	<b>Subtotal =</b>			20	\$3,240			64	\$7,776			116	\$11,588			\$22,604
<b>6</b>	<b>Stakeholder and Public Outreach</b>															
1	Public Meeting (Materials, Preparation and Attendance)			32	\$5,184	24	\$4,212			24	\$2,268			WBK	\$5,788	\$17,452
2	Public Outreach with Individual Owners (5 meetings)			5	\$810	20	\$3,510									\$4,320
3	Individual Property Owners Exhibits							16	\$1,944	156	\$14,742					\$16,686
4	Meeting with Village Board of Trustees			8	\$1,296	10	\$1,755									\$3,051
	<b>Subtotal =</b>			45	\$7,290	54	\$9,477	16	\$1,944	180	\$17,010				\$5,788	\$41,509
<b>7</b>	<b>Permitting</b>															
1	Wetland Assessment and Delineation									24	\$2,268			WBK	\$10,224	\$12,492
2	Environmental Permit Applications and Fees (USACE, EcoCAT, USFWS, IHPA, SWCD)													WBK	\$18,173	\$18,173
3	MWRD Permit Application			8	\$1,296							24	\$2,398			\$3,694
4	IDNR-OWR Permit Application			8	\$1,296					16	\$1,512	32	\$3,197			\$6,005
5	QC Reviews			16	\$2,592											\$2,592
	<b>Subtotal =</b>			32	\$5,184					40	\$3,780	56	\$5,594		\$28,397	\$42,955
<b>8</b>	<b>Bidding Support</b>															
1	Final PS&E package			8	\$1,296			20	\$2,430			24	\$2,398			\$6,124
2	Review Bids					16	\$2,808									\$2,808
3	Respond to Bidder Questions					4	\$702									\$702
4	Revisions to Plan and Specs for Addendum											12	\$1,199			\$1,199
	<b>Subtotal =</b>			8	\$1,296	20	\$3,510	20	\$2,430			36	\$3,596			\$10,832
<b>9</b>	<b>Construction Engineering Support</b>															
1	Scope of Work for Construction Engineering			2	\$324	18	\$3,159									\$3,483
	<b>Subtotal =</b>			2	\$324	18	\$3,159									\$3,483
<b>ODCs</b>																
	Field visit expenses (2 visits - 4 people)														\$800	\$800
	Field visit expenses (UAS)														\$1,990	\$1,990
	MWRD Permit fees														\$4,350	\$4,350
	Reproduction (b&w and color copies)														\$200	\$200
	<b>Subtotal =</b>														\$7,340	\$7,340
	<b>Total without ODC =</b>	6	\$2,025	409	\$66,258	405	\$71,078	989	\$120,164	260	\$24,570	1,178	\$117,682		\$240,344	\$642,120
	<b>Total With ODCs =</b>															\$649,460

Notes:  
Per meeting cost with individual property owners is \$864