



Building Communities.
Improving Lives.

Tinley Creek Streambank Stabilization

PROFESSIONAL FEE PROPOSAL FOR

Village of Orland Park, Illinois
RFP #21-015

MARCH 29, 2021



Ajay Jain, PE, CFM

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IN PARTNERSHIP WITH



LVBROWN STUDIOS

rubino
ENGINEERING INC.



▷323 Alana Drive | New Lenox, IL 60451-1766
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March 29, 2021

Village of Orland Park
Office of the Village Clerk
14700 S. Ravinia Ave.
Orland Park, IL 60462

Re: RFQ #21-015 | Tinley Creek Streambank Stabilization

Dear Selection Committee,

Enclosed please find our Professional Fee proposal for the above referenced Project.

Our proposal fees include pricing sheet by tasks for the proposed scope of work and includes estimated permit fees, insurance, goods/materials, equipment, plant/laboratory facilities, work, transportation, documentation and expense necessary to perform the work as noted in our proposal submitted under separate cover.

In preparing our Professional Fee, it is assumed that the documents prepared for MWRDGC as part of the 98% design completed by Michael Baker will be made available to HR Green, as noted in our proposal.

The following **estimated permit fees have been included** in our professional fee total:

- \$3,500 permit fees have been included for Will-Cook Soil and Water Conservation District (WCSWCD);
- \$4,850 permit fees have been included for Illinois Department of Natural Resources - Office of Water Resources (IDNR-OWR); and
- \$125 permit fees for ECOCAT consultation fee.

Our fee breakdown is summarized as follows:

TOTAL FEE INCLUDING SUBCONSULTANTS AND REIMBURSABLE EXPENSES = **\$383,490.00**

- HR Green (Prime Consultant) – \$337,550.00
- RES-AES (subconsultant) – \$18,440.00
- LVBrown Studios, a federally registered EDWOSB firm (subconsultant) – \$20,000.00
- Rubino Engineering, a certified Women Business Enterprise (subconsultant) – \$7,500.00

Please contact me at 815.509.8302 or via email at ajain@hrgreen.com with any questions.

Sincerely,

HR GREEN, INC

Ajay Jain, PE, CFM

Vice President, Practice Leader – Water Resources

PROFESSIONAL FEES
TINLEY CREEK STREAMBANK STABILIZATION - VILLAGE OF ORLAND PARK

SCOPE OF WORK		HR GREEN			SUBCONSULTANTS			Total Costs
		Labor Hours	Labor Cost	Reimbursables	RES-AES	Rubino	LV Brown	
Task 1	PROJECT MANAGEMENT AND COORDINATION	134	\$22,806	\$0	\$0	\$0	\$0	\$22,806
	Developing a Project Work Plan and Schedule	6	\$1,119					\$1,119
	Monitoring Scope, Schedule and Budget	16	\$2,876					\$2,876
	Project Correspondence	12	\$1,916					\$1,916
	Quality Control/Quality Assurance (Other than Team)	80	\$14,236					\$14,236
	General Administrative Tasks	20	\$2,659					\$2,659
Task 2	KICKOFF MEETING AND COORDINATION MEETINGS	58	\$10,347	\$634	\$0	\$0	\$0	\$10,981
	Kickoff Meeting	14	\$2,517	\$216				\$2,733
	Bi-Monthly Meetings (6)	24	\$4,314	\$279				\$4,593
	Weekly Project Update	12	\$1,916					\$1,916
	Board of Trustees Presentation	8	\$1,599	\$139				\$1,738
Task 3	DATA COLLECTION AND REVIEW	72	\$13,650	\$0	\$0	\$7,500	\$0	\$21,150
	Obtain available Village and MWRDGC data	12	\$1,769					\$1,769
	Previous 98% design Review	56	\$9,352					\$9,352
	Environmental and Geotechnical Investigation	2	\$319			\$7,500		\$7,819
	Utility coordination	14	\$2,210					\$2,210
Task 4	STREAM ASSESSMENT/PLAN IN HAND REVIEW	68	\$9,131	\$20	\$1,500	\$0	\$0	\$10,652
	Stream Assessment Preparation and Field Review	24	\$3,685	\$20	\$1,500			\$5,206
	Photographic Documentation	34	\$3,886					\$3,886
	Summarize Revisions on Baker's Plans	10	\$1,560					\$1,560
Task 5	FIELD SURVEY	341	\$44,130	\$2,544	\$6,800	\$0	\$0	\$53,474
	Topographic and Utility Survey (includes QA/QC by Design)	187	\$23,517	\$2,408				\$25,925
	Tree Survey	0	\$0		\$6,800			\$6,800
	Boundary and Topographic survey	36	\$4,459	\$136				\$4,595
	Temp and Perm Easement exhibits	118	\$16,154					\$16,154
Task 6	WETLAND DELINEATION SURVEY	4	\$639	\$20	\$4,800	\$0	\$0	\$5,459
	Wetland Delineation Report	0	\$0		\$4,800			\$4,800
	Site Meeting with ACOE	4	\$639	\$20				\$659
Task 7	HYDROLOGIC AND HYDRAULIC UPDATE	76	\$9,594	\$0	\$0	\$0	\$0	\$9,594
	Hydrologic and Hydraulic Analysis	76	\$9,594					\$9,594
Task 8	30% Engineering Plans	220	\$34,211	\$0	\$1,400	\$0	\$0	\$35,611
	30% Engineering Plans	198	\$30,806		\$1,400			\$32,206
	Quality Control (PM and Task Leaders)	18	\$2,905					\$2,905
	Constructability Review	4	\$500					\$500
Task 9	PLAN VIEW AND CROSS SECTION RENDERINGS	26	\$8,037	\$0	\$0	\$0	\$20,000	\$28,037
	Plan View Rendering	26	\$4,018				\$10,000	\$14,018
	Section Rendering and Property Exhibits	26	\$4,018				\$10,000	\$14,018
Task 10	PUBLIC MEETING	34	\$5,591	\$515	\$540	\$0	\$0	\$6,646
	Prepare for meeting	18	\$2,594					\$2,594
	Attend Public Meeting	12	\$2,359	\$515	\$540			\$3,413
	Document Meeting Input	4	\$639					\$639
Task 11	60% ENGINEERING PLANS, SPECIFICATIONS AND ESTIMATES	560	\$87,940	\$0	\$3,200	\$0	\$0	\$91,140
	60% Engineering Plans	370	\$57,963		\$1,400			\$59,363
	Specifications	96	\$16,538					\$16,538
	EOPCC	66	\$8,958		\$800			\$9,758
	3-Yr and 20-Yr O&M Plan	0	\$0		\$1,000			\$1,000
	Quality Control (PM and Task Leaders)	26	\$4,231					\$4,231
	Constructability Review	2	\$250					\$250
Task 12	VALUE ENGINEERING AND FUNDING ELIGIBILITY REVIEW	22	\$3,556	\$0	\$0	\$0	\$0	\$3,556
	VE and Funding Eligibility Analysis	22	\$3,556					\$3,556
Task 13	IMPACTED PROPERTY OWNER COORDINATION	48	\$7,541	\$236	\$0	\$0	\$0	\$7,777
	Property Impact Exhibits	26	\$3,978					\$3,978
	Letter on Intent (LOI)	4	\$799					\$799
	Allowance for Property Owner Meetings (5 meetings)	18	\$2,764	\$236				\$3,000
Task 14	PERMIT APPLICATIONS	96	\$11,448	\$8,475	\$0	\$0	\$0	\$19,923
	ACOE Submittal	32	\$3,567					\$3,567
	WCSWCD	6	\$701	\$3,500				\$4,201
	IDNR-OWR Submittal	48	\$6,098	\$4,850				\$10,948
	ECOCAT and SWPPP	10	\$1,082	\$125				\$1,207
Task 15	90% ENGINEERING PLANS, SPECIFICATIONS AND ESTIMATES	230	\$35,232	\$0	\$200	\$0	\$0	\$35,432
	90% Engineering Plans	140	\$21,749					\$21,749
	Specifications	34	\$5,612					\$5,612
	EOPCC	42	\$5,666		\$200			\$5,866
	3-Yr and 20-Yr O&M Plan	2	\$319					\$319
	Quality Control (PM and Task Leaders)	12	\$1,886					\$1,886
	Constructability Review	0	\$0					\$0
Task 16	100% ENGINEERING PLANS, SPECIFICATIONS AND ESTIMATES	90	\$13,692	\$0	\$0	\$0	\$0	\$13,692
	100% Engineering Plans	42	\$6,414					\$6,414
	Specifications	16	\$2,603					\$2,603
	EOPCC	16	\$2,211					\$2,211
	3-Yr and 20-Yr O&M Plan	2	\$319					\$319
	Quality Control (PM and Task Leaders)	6	\$885					\$885
	Construction Schedule	8	\$1,260					\$1,260
Task 17	BID AWARD AND ASSISTANCE	42	\$6,561	\$20	\$0	\$0	\$0	\$6,582
	Bid Advertisement	3	\$345					\$345
	Addendums (up to 2 addendums)	30	\$4,779					\$4,779
	Pre-Bid Meeting	8	\$1,277	\$20				\$1,298
	Contract Award Assistance	1	\$160					\$160
Task 18	SCOPE OF SERVICES FOR CONSTRUCTION ENGINEERING	6	\$980	\$0	\$0	\$0	\$0	\$980
	Sample Scope of Services for construction engineering	6	\$980					\$980
	TOTAL	2127	\$325,085	\$12,465	\$18,440	\$7,500	\$20,000	\$383,490

ASSUMPTIONS:

- The professional fee is based on an hourly basis and includes reimbursable expenses including mileage, postage, copying and printing costs
- The estimated permit fees are included based on the current applicable fee schedule of the regulatory agencies.

