ENGINEERING
RESOURCE ASSOCIATES

PRIMARY CONTACT:

John Mayer, PE, CFM
Project Manager/Principal
3S701 West Avenue, Suite 150
Warrenville, IL 60555
P: 630-393-3060 x1043
jmayer@eraconsultants.com

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COST PROPOSAL FOR:

McGinnis Slough Multi-Use Path
Phase I Preliminary Engineering

PREPARED FOR:

Sean Marquez, PE
Village Engineer
Village of Orland Park
14700 S. Ravinia Ave.
Orland Park, IL 60462

DUE:

May 6, 2021 at 11:00 AM

Exhibit A

ORLAND PARK

Informal Request for Proposal
82nd Avenue Multi-Use Path
135th Street to 151st Street
Phase I Preliminary Engineering

PROJECT DETAILS

Background

The proposed multi-use path is located in the eastern part of the Village of Orland Park (Village). The proposed path will follow 82nd Avenue from 135th Street to 151st Street (approximately 2.0 miles), see attached exhibit. The multi-use path will replace existing sidewalk with a wider asphalt path and connect to existing sidewalks and paths. 82nd Avenue is under Cook County jurisdiction so coordination will need to occur with Cook County Department of Transportation and Highways (CCDOTH). Also the project will need to follow Federal Funding requirements since subsequent phases of the project will seek Federal funding.

The 82nd Avenue multi-use path will fill in a north-south multi-use path gap in eastern part of the Village's overall system. The proposed path will provide a non-motorized connection for the existing residential areas, local businesses, parks, ComEd path and Prairie Elementary School. The path will cross 143rd Street and 151st Street at existing signalized intersections. Also as the path nears 151st Street it will cross Tinley Creek and this will most likely require improvements to the road and structure to convey the creek underneath 82nd Avenue.

Scope of Services

The following is a high-level scope of services. The consultants are responsible to develop and present to the Village their own scope of services to ensure all elements of this project are covered in their work.

1. Provide overall project management and coordination services.
2. Lead and manage project kick off and coordination meetings. This include conducting bi-monthly (or as recommended by the selected consultant and accepted by the Village) meetings throughout the design to update on progress and to bring issues to the Village's attention for timely action.
3. Conduct meetings with key stakeholders to maximize for proposed path scope. Budget for up to four (4) meetings and provide a unit price for additional meetings to be used as needed.
4. Prepare appropriate exhibits for public meetings (in-person). The exhibits must show details of improvements and their impacts. These exhibits will be shared with the public, comments will be collected, and the design may be adjusted by the selected consultant as needed.
5. Perform geometric studies to determine preferred path alignment and review with key stakeholders prior to proceeding with design.
6. Research/verify right-of-way and easement requirements for proposed path.
7. Prepare Phase I Preliminary Engineering per IDOT and Federal funding requirements.
8. Provide Phase II Design Engineering, Phase III Construction Observation and Construction cost estimates.
9. Include and present to the Village other scope of services needed to complete the project and deliver all of the required deliverables.
10. Apply for at least three (3) different Federal and State Grants on behalf of the Village for Phase II design engineering and Phase III construction observation and construction for two (2) funding cycles.

PROPOSAL SUMMARY SHEET
McGinnis Slough Multi-Use Path
Phase I Preliminary Engineering

Business Name: Engineering Resource Associates, Inc.

Street Address: 3s701 West Avenue, Suite 150

City, State, Zip: Warrenville, IL 60555

Contact Name: John Mayer

Title: Vice President

Phone: 630-393-3060 Fax: 630-393-3060

E-Mail address: jmayer@eraconsultants.com

Price Proposal

PROPOSAL TOTAL $ 195,010.00

AUTHORIZATION & SIGNATURE

Name of Authorized Signee: John Mayer

Signature of Authorized Signee: J. F. Mayer

Title: Vice President Date: 5/5/2021

Exhibit B

PAYROLL ESCALATION TABLE
FIXED RAISES

FIRM NAME: Engineering Resource Assoc
PRIME/SUPPLEMENT: Prime
Prepared By:

DATE: 05/06/21
PTB-ITEM#: 185

CONTRACT TERM: 12 MONTHS
START DATE: 6/15/2021
RAISE DATE: 7/1/2021
END DATE: 6/14/2022

OVERHEAD RATE: 125.44%
COMPLEXITY FACTOR: 0
% OF RAISE: 2%

ESCALATION PER YEAR

year	First date	Last date	Months	% of Contract
0	6/15/2021	7/1/2021	1	8.33%
1	7/2/2021	6/1/2022	11	93.50%

The total escalation = 1.83%

PAYROLL RATES

FIRM NAME Engineering Resource A: **DATE** 05/06/21
PRIME/SUPPLEMENT Prime
PTB-ITEM # 185

ESCALATION FACTOR 1.83%

Note: Rates should be capped on the AVG 1 tab as necessary

CLASSIFICATION	IDOT PAYROLL RATES ON FILE	CALCULATED RATE
John Mayer	$70.00	$71.28
Professional Engineer V	$75.00	$76.38
Professional Engineer IV	$65.50	$66.70
Professional Engineer III	$56.92	$57.96
Drew Kustusch	$46.13	$46.98
Professional Engineer I	$37.32	$38.00
Structural Engineer IV	$65.00	$66.19
Structural Engineer III	$45.00	$45.83
Staff Engineer III	$41.25	$42.01
Staff Engineer II	$34.00	$34.62
Abby Zielinski	$31.50	$32.08
Rick Tanner	$42.67	$43.45
Engineering Technician IV	$38.50	$39.21
Cody Frovarp	$30.50	$31.06
Engineering Intern II	$25.00	$25.46
Engineering Intern I	$16.33	$16.63
Erin Pande	$51.00	$51.94
Brad Earnest	$27.38	$27.88
Tim Martinek	$47.00	$47.86
Surveyor III	$33.25	$33.86
Administrative Staff IV	$37.00	$37.68
Administrative Staff III	$30.00	$30.55
Administrative Staff II	$24.50	$24.95
Engineering Technician II	$27.00	$27.50
Professional Surveyor I	$43.00	$43.79
Rick Costa	$25.50	$25.97
Administrative Director	$47.00	$47.86

COST PLUS FIXED FEE
COST ESTIMATE OF CONSULTANT SERVICES

Bureau of Design and Environment
Prepared By: Consultant

FIRM Engineering Resource Assoc
PTB-ITEM # 185
PRIME/SUPPLEMENT Prime

OVERHEAD RATE 125.44%
COMPLEXITY FACTOR 0

DATE 05/06/21

DBE DROP BOX	ITEM	MANHOURS (A)	PAYROLL (B)	OVERHEAD & FRINGE BENF (C)	DIRECT COSTS (D)	FIXED FEE (E)	SERVICES BY OTHERS (G)	DBE TOTAL (H)	TOTAL (B-G)	% OF GRAND TOTAL
	Project Mgmt & QA/QC	36	2,124	2,664		701		-	5,489	2.81%
	Regular Meetings/Coord	158	6,833	8,572	150	2,255		-	17,810	9.13%
	Data Gathering	52	1,948	2,444	100	643		-	5,135	2.63%
	Wetland Det/Delineation	78	2,728	3,422	150	900		-	7,200	3.69%
	Topo Route Surv & Base Plan	252	9,107	11,423	250	3,005		-	23,785	12.20%
	Concept Alignment Dev	124	5,203	6,527		1,717		-	13,447	6.90%
	Public Meeting	52	2,271	2,849	250	750		-	6,120	3.14%
	Property Acquisition Ident	76	3,309	4,151		1,092		-	8,552	4.39%
	Env Survey Request	98	3,422	4,293	100	1,129		-	8,944	4.59%
	Prel Env Site Assessment	70	2,443	3,065	100	806		-	6,414	3.29%
	Section 4(f) Eval Report	66	2,644	3,317	150	873		-	6,984	3.58%
	Preliminary Engineering	420	17,568	22,037	250	5,797		-	45,652	23.41%
	Cost Opinion Preparation	88	3,532	4,430		1,165		-	9,127	4.68%
	Prelim Dev Report (PDR)	180	7,236	9,076	500	2,388		-	19,200	9.85%
	Grant Appl Assistance	100	4,218	5,291	250	1,392		-	11,151	5.72%
			-	-		-		-	-	
			-	-		-		-	-	
			-	-		-		-	-	
			-	-		-		-	-	
			-	-		-		-	-	
			-	-		-		-	-	
			-	-		-		-	-	
			-	-		-		-	-	
			-	-		-		-	-	
			-	-		-		-	-	
			-	-		-		-	-	
			-	-		-		-	-	
			-	-		-		-	-	
			-	-		-		-	-	
			-	-		-		-	-	
	Subconsultant DL					0			-	
	TOTALS	1850	74,586	93,561	2,250	24,613	-	-	195,010	100.00%
			168,147							

DBE 0.00%

AVERAGE HOURLY PROJECT RATES

FIRM Engineering Resource Assoc
PTB-ITEM# 185
PRIME/SUPPLEMENT Prime

DATE 05/06/21

SHEET 1 OF 5

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJ. RATES			Project Mgmt & QA/QC			Regular Meetings/Coord			Data Gathering			Wetland Det/Delineation			Topo Route Surv & Base Plan		
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
John Mayer	71.28	152.0	8.22%	5.86	16	44.44%	31.68	24	15.19%	10.83	2	3.85%	2.74				8	3.17%	2.26
Professional Engineer V	76.38	0.0																	
Professional Engineer IV	66.70	0.0																	
Professional Engineer III	57.96	4.0	0.22%	0.13	4	11.11%	6.44												
Drew Kustusch	46.98	308.0	16.65%	7.82	16	44.44%	20.88	34	21.52%	10.11	8	15.38%	7.23	2	2.56%	1.20	8	3.17%	1.49
Professional Engineer I	38.00	0.0																	
Structural Engineer IV	66.19	0.0																	
Structural Engineer III	45.83	0.0																	
Staff Engineer III	42.01	0.0																	
Staff Engineer II	34.62	0.0																	
Abby Zielinski	32.08	728.0	39.35%	12.62				84	53.16%	17.05	24	46.15%	14.81	8	10.26%	3.29	32	12.70%	4.07
Rick Tanner	43.45	296.0	16.00%	6.95													80	31.75%	13.79
Engineering Technician IV	39.21	0.0																	
Cody Frovarp	31.06	36.0	1.95%	0.60							12	23.08%	7.17						
Engineering Intern II	25.46	0.0																	
Engineering Intern I	16.63	0.0																	
Erin Pande	51.94	76.0	4.11%	2.13				16	10.13%	5.26				20	25.64%	13.32			
Brad Earnest	27.88	96.0	5.19%	1.45										48	61.54%	17.16			
Tim Martinek	47.86	50.0	2.70%	1.29							6	11.54%	5.52				20	7.94%	3.80
Surveyor III	33.86	0.0																	
Administrative Staff IV	37.68	0.0																	
Administrative Staff III	30.55	0.0																	
Administrative Staff II	24.95	0.0																	
Engineering Technician II	27.50	0.0																	
Professional Surveyor I	43.79	0.0																	
Rick Costa	25.97	104.0	5.62%	1.46													104	41.27%	10.72
Administrative Director	47.86	0.0																	
TOTALS		1850.0	100%	$40.32	36.0	100.00%	$59.00	158.0	100%	$43.25	52.0	100%	$37.46	78.0	100%	$34.97	252.0	100%	$36.14

AVERAGE HOURLY PROJECT RATES

FIRM Engineering Resource Assoc
PTB-ITEM# 185
PRIME/SUPPLEMENT Prime

DATE 05/06/21
SHEET 2 **OF** 5

PAYROLL CLASSIFICATION	AVG HOURLY RATES	Concept Alignment Dev			Public Meeting			Property Acquisition Ident			Env Survey Request			Prel Env Site Assessment			Section 4(f) Eval Report		
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
John Mayer	71.28	8	6.45%	4.60	8	15.38%	10.97	8	10.53%	7.50	2	2.04%	1.45	2	2.86%	2.04	2	3.03%	2.16
Professional Engineer V	76.38																		
Professional Engineer IV	66.70																		
Professional Engineer III	57.96																		
Drew Kustusch	46.98	20	16.13%	7.58	8	15.38%	7.23	12	15.79%	7.42	12	12.24%	5.75	8	11.43%	5.37	24	36.36%	17.08
Professional Engineer I	38.00																		
Structural Engineer IV	66.19																		
Structural Engineer III	45.83																		
Staff Engineer III	42.01																		
Staff Engineer II	34.62																		
Abby Zielinski	32.08	48	38.71%	12.42	24	46.15%	14.81	32	42.11%	13.51	48	48.98%	15.71	60	85.71%	27.50	32	48.48%	15.55
Rick Tanner	43.45	40	32.26%	14.02	8	15.38%	6.68										8	12.12%	5.27
Engineering Technician IV	39.21																		
Cody Frovarp	31.06										24	24.49%	7.61						
Engineering Intern II	25.46																		
Engineering Intern I	16.63																		
Erin Pande	51.94	8	6.45%	3.35	4	7.69%	4.00				4	4.08%	2.12						
Brad Earnest	27.88										8	8.16%	2.28						
Tim Martinek	47.86							24	31.58%	15.11									
Surveyor III	33.86																		
Administrative Staff IV	37.68																		
Administrative Staff III	30.55																		
Administrative Staff II	24.95																		
Engineering Technician II	27.50																		
Professional Surveyor I	43.79																		
Rick Costa	25.97																		
Administrative Director	47.86																		
TOTALS		124.0	100%	$41.96	52.0	100%	$43.68	76.0	100%	$43.54	98.0	100%	$34.92	70.0	100%	$34.90	66.0	100%	$40.06

AVERAGE HOURLY PROJECT RATES

FIRM Engineering Resource Assoc
PTB-ITEM# 185
PRIME/SUPPLEMENT Prime

DATE 05/06/21

SHEET 3 **OF** 5

PAYROLL CLASSIFICATION	AVG HOURLY RATES	Preliminary Engineering			Cost Opinion Preparation			Prelim Dev Report (PDR)			Grant Appl Assistance								
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
John Mayer	71.28	32	7.62%	5.43	12	13.64%	9.72	16	8.89%	6.34	12	12.00%	8.55						
Professional Engineer V	76.38																		
Professional Engineer IV	66.70																		
Professional Engineer III	57.96																		
Drew Kustusch	46.98	60	14.29%	6.71	16	18.18%	8.54	56	31.11%	14.61	24	24.00%	11.27						
Professional Engineer I	38.00																		
Structural Engineer IV	66.19																		
Structural Engineer III	45.83																		
Staff Engineer III	42.01																		
Staff Engineer II	34.62																		
Abby Zielinski	32.08	120	28.57%	9.17	60	68.18%	21.87	108	60.00%	19.25	48	48.00%	15.40						
Rick Tanner	43.45	144	34.29%	14.90							16	16.00%	6.95						
Engineering Technician IV	39.21																		
Cody Frovarp	31.06																		
Engineering Intern II	25.46																		
Engineering Intern I	16.63																		
Erin Pande	51.94	24	5.71%	2.97															
Brad Earnest	27.88	40	9.52%	2.66															
Tim Martinek	47.86																		
Surveyor III	33.86																		
Administrative Staff IV	37.68																		
Administrative Staff III	30.55																		
Administrative Staff II	24.95																		
Engineering Technician II	27.50																		
Professional Surveyor I	43.79																		
Rick Costa	25.97																		
Administrative Director	47.86																		
TOTALS		420.0	100%	$41.83	88.0	100%	$40.13	180.0	100%	$40.20	100.0	100%	$42.18	0.0	0%	$0.00	0.0	0%	$0.00

REFERENCES

Provide three (3) references for which your organization has performed similar work.

Bidder's Name: Engineering Resource Associates, Inc.
(Enter Name of Business Organization)

1. ORGANIZATION Forest Preserve District of DuPage County
   ADDRESS 3S580 Naperville Road, Wheaton, IL 60189
   PHONE NUMBER (630) 933-7242
   CONTACT PERSON Mark Decker
   YEAR OF PROJECT 2018

2. ORGANIZATION Sycamore Park District
   ADDRESS 940 East State Street, Sycamore, IL 60178
   PHONE NUMBER (815) 895-3365
   CONTACT PERSON Jonelle Bailey
   YEAR OF PROJECT 2021

3. ORGANIZATION City of Warrenville
   ADDRESS 3s258 Manning Avenue Warrenville, IL 60555
   PHONE NUMBER (630) 836-3033
   CONTACT PERSON Philip M. Kuchler, PE, CFM
   YEAR OF PROJECT 2021

ORLAND PARK

INSURANCE REQUIREMENTS

Please submit a policy Specimen Certificate of Insurance showing bidder's current coverage's

WORKERS COMPENSATION & EMPLOYER LIABILITY
Workers' Compensation – Statutory Limits
Employers' Liability
$1,000,000 – Each Accident $1,000,000 – Policy Limit
$1,000,000 – Each Employee
Waiver of Subrogation in favor of the Village of Orland Park

AUTOMOBILE LIABILITY
$1,000,000 – Combined Single Limit

GENERAL LIABILITY (Occurrence basis)
$1,000,000 – Each Occurrence $2,000,000 – General Aggregate Limit
$1,000,000 – Personal & Advertising Injury
$2,000,000 – Products/Completed Operations Aggregate
Primary Additional Insured Endorsement & Waiver of Subrogation in favor of the Village of Orland Park

PROFESSIONAL LIABILITY
$1,000,000 Limit - Claims Made Form, Indicate Retroactive Date & Deductible

EXCESS PROFESSIONAL LIABILITY (Umbrella-Follow Form Policy)
$1,000,000 – Each Occurrence
$1,000,000 – Aggregate
EXCESS MUST COVER: Professional liability

Any insurance policies providing the coverages required of the Consultant, excluding Professional Liability, shall be specifically endorsed to identify "The Village of Orland Park, and their respective officers, trustees, directors, officials, employees, agents, representatives and assigns as Additional Insureds on a primary/non-contributory basis with respect to all claims arising out of operations by or on behalf of the named insured." If the named insureds have other applicable insurance coverage, that coverage shall be deemed to be on an excess or contingent basis. The policies shall also contain a Waiver of Subrogation in favor of the Additional Insureds in regards to General Liability and Workers Compensation coverages. The certificate of insurance shall also state this information on its face. Any insurance company providing coverage must hold an A VII rating according to Best's Key Rating Guide. Permitting the contractor, or any subcontractor, to proceed with any work prior to our receipt of the foregoing certificate and endorsement, however, shall not be a waiver of the contractor's obligation to provide all of the above insurance.

Proposer agrees that prior to any commencement of work to furnish evidence of Insurance coverage providing for at minimum the coverages and limits described above directly to the Village of Orland Park, Nicole Merced, Purchasing Coordinator, 14700 S. Ravinia Avenue, Orland Park, IL 60462. Failure to provide this evidence in the time frame specified and prior to beginning of work may result in the termination of the Village's relationship with the contractor.

ACCEPTED & AGREED THIS 05 DAY OF May, 20 21

Signature

Authorized to execute agreements for:

John Mayer, Vice President
Printed Name & Title

Engineering Resource Associates, Inc.
Name of Company