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# **COST PROPOSAL FOR:**

82nd Avenue Multi-Use Path135th Street to 151st Street 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 14, 2021 at 11:00 AM

# COST PLUS FIXED FEE COST ESTIMATE OF CONSULTANT SERVICES

Bureau of Design and Environment
Prepared By: Consultant
05/14/21

FIRM	Engineering Resource Assoc		
PTB-ITEM #	185	OVERHEAD RATE	125.44%
PRIME/SUPPLEMENT	Prime	COMPLEXITY FACTOR	(

DBE				OVERHEAD			SERVICES			% OF
DROP	ITEM	MANHOURS	PAYROLL	&	DIRECT	FIXED	BY	DBE	TOTAL	GRAND
вох				FRINGE BENF	COSTS	FEE	OTHERS	TOTAL		TOTAL
		(A)	(B)	(C)	(D)	(E)	(G)	(H)	(B-G)	
	Data Collection and Review	48	1,963	2,463	100	648		_	5,174	2.01%
	Route and Hydraulic Surveys	280	10,951	13,737	350	3,614		-	28,652	11.15%
	Geotechnical Subsurface Investigation	12	546	685		180	12,600	-	14,011	5.45%
	Utility Identification and Coordination	34	1,369	1,717		452		-	3,538	1.38%
	Culvert Inspection and Culvert Condition Re	80	4,196	5,263		1,385		-	10,844	4.22%
	Hydrologic & Hydraulic Analysis	144	6,330	7,940		2,089		-	16,359	6.37%
	Environmental Survey	304	10,549	13,233	350	3,481		-	27,613	10.75%
	Abbreviated Location Drainage Analysis	64	2,688	3,372		887		-	6,947	2.70%
	Permit Coordination	24	748	939		247		-	1,934	0.75%
	Traffic Management Analysis	16	721	904		238		-	1,863	0.73%
	Public Involvement	32	1,528	1,916	250	504		-	4,198	1.63%
	Preliminary Engineering	884	37,157	46,610	350	12,262		-	96,379	37.51%
	Preliminary Development Report	144	5,703	7,153	500	1,882		-	15,238	5.93%
	Meetings and Coord. (\$480/add. Meeting)	64	3,438	4,312	250	1,135		-	9,135	3.56%
	Grant Application Assistance	80	3,279	4,113	250	1,082		-	8,724	3.40%
	Project Adminstration & Management	34	2,158	2,707		712		-	5,577	2.17%
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	Subconsultant DL					762			762	0.30%
	TOTALS	2244	93,324	117,064	2,400	31,560	12,600	-	256,948	100.00%

210,388

**DBE 0.00%** 

The subconsultant fee has been adjusted due to 15% fixed fee cap.

Bureau of Design and Environment Prepared By: Consultant

### **AVERAGE HOURLY PROJECT RATES**

**FIRM Engineering Resource Assoc** PTB-ITEM# 185 DATE 05/14/21 PRIME/SUPPLEMENT Prime SHEET 1 OF 5

PAYROLL	AVG	TOTAL PROJ. RATES			Data Co	llection an	d Revie	Route a	nd Hydrau	lic Surve	Geotec	nnical Sub	surface I	Utility Identification and Co		n and Co	Culvert Inspection and Culve		n and Culvert
	HOURLY	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd
CLASSIFICATION	RATES		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg
Professional Engineer VI	76.38	0.0																	
Professional Engineer V	71.28	122.0	5.44%	3.88															
Professional Engineer IV	66.19	0.0																	
Professional Engineer III	59.06	0.0																	
Professional Engineer II	51.94	158.0	7.04%	3.66	8	16.67%	8.66				2	16.67%	8.66	4	11.76%	6.11			
Professional Engineer I	36.15	0.0																	
Structural Engineer IV	66.19	98.0	4.37%	2.89							2	16.67%	11.03				40	50.00%	33.10
Structural Engineer III	45.83	0.0																	
Staff Engineer II	38.70	468.0	20.86%	8.07	40	83.33%	32.25				8	66.67%	25.80	30	88.24%	34.14	40	50.00%	19.35
Staff Engineer I	33.61	580.0	25.85%	8.69															
Engineering Technician V	43.28	416.0	18.54%	8.02				88	31.43%	13.60									
Engineering Technician IV	39.21	0.0																	
Intern	18.33	0.0																	
Ecological Services Director	51.94	28.0	1.25%	0.65															
Environmental Specialist I	28.77	152.0	6.77%	1.95															
Professional Land Surveyor	49.90	64.0	2.85%	1.42				40	14.29%	7.13									
Professional Land Surveyor	43.79	0.0																	
Surveyor III	33.86	152.0	6.77%	2.29				152	54.29%	18.38									
Adminstrative Staff	26.99	6.0	0.27%	0.07															
		0.0																	
		0.0																	
		0.0																	
		0.0																	
		0.0																	
		0.0																	
		0.0																	
		0.0																	
TOTALS		2244.0	100%	\$41.59	48.0	100.00%	\$40.90	280.0	100%	\$39.11	12.0	100%	\$45.49	34.0	100%	\$40.25	80.0	100%	\$52.44

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## **AVERAGE HOURLY PROJECT RATES**

 FIRM
 Engineering Resource Assoc

 PTB-ITEM#
 185

 PRIME/SUPPLEMENT
 Prime

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PAYROLL	AVG		ic & Hydrau			ental Surve		Abbrevia	ted Location	Drainage	Permit Co	oordination		Traffic Ma	anagement A	Analysis	Public Inv	olvement/	
	HOURLY	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd
CLASSIFICATION	RATES		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg		Part.	Avg
Professional Engineer VI	76.38																		
Professional Engineer V	71.28													2	12.50%	8.91	12	37.50%	26.73
Professional Engineer IV	66.19																		
Professional Engineer III	59.06																		
Professional Engineer II	51.94	24	16.67%	8.66				16	25.00%	12.98									
Professional Engineer I	36.15																		
Structural Engineer IV	66.19	16	11.11%	7.35															
Structural Engineer III	45.83																		
Staff Engineer II	38.70	104	72.22%	27.95	96	31.58%	12.22	48	75.00%	29.02				6	37.50%	14.51			
Staff Engineer I	33.61				80	26.32%	8.84				12	50.00%	16.80				20	62.50%	21.00
Engineering Technician V	43.28													8	50.00%	21.64			
Engineering Technician IV	39.21																		
Intern	18.33																		
<b>Ecological Services Director</b>					20	6.58%	3.42												
Environmental Specialist I	28.77				108	35.53%	10.22				12	50.00%	14.38						
Professional Land Surveyor	49.90																		
Professional Land Surveyor																			
Surveyor III	33.86																		
Adminstrative Staff	26.99																		
TOTALS		144.0	100%	\$43.96	304.0	100%	\$34.70	64.0	100%	\$42.01	24.0	100%	\$31.19	16.0	100%	\$45.06	32.0	100%	\$47.73

## **AVERAGE HOURLY PROJECT RATES**

**FIRM Engineering Resource Assoc** PTB-ITEM# 185 DATE 05/14/21 Prime PRIME/SUPPLEMENT 3 OF SHEET

PAYROLL	AVG	Drolimina	ry Engineer	ina	Drolimina	ry Dovolopr	nont Bone	Mootings	and Coord	(\$480/ada	Grant An	plication As	eietanco	Project A	dminetratio	n & Manao			
TATROLL	HOURLY	Hours	%	Wgtd	Hours	%		Hours	%		Hours	%	Wgtd	Hours	%	Wgtd	Hours	%	Wgtd
CLASSIFICATION	RATES	liouis	Part.	Avg	nours	Part.	Avg	Hours	Part.	Avg	Hours	Part.	Avg	liouis	Part.	Avg	Hours	Part.	Avg
Professional Engineer VI	76.38			9			9			· · · ·			9			9			13
Professional Engineer V	71.28	36	4.07%	2.90	8	5.56%	3.96	32	50.00%	35.64	4	5.00%	3.56	28	82.35%	58.70			
Professional Engineer IV	66.19																		
Professional Engineer III	59.06																	-	
Professional Engineer II	51.94	56	6.33%	3.29	24	16.67%	8.66				24	30.00%	15.58						
Professional Engineer I	36.15																		
Structural Engineer IV	66.19	40	4.52%	3.00															
Structural Engineer III	45.83																	-	
Staff Engineer II	38.70	56	6.33%	2.45	24	16.67%	6.45	16	25.00%	9.67								-	
Staff Engineer I	33.61	312	35.29%	11.86	88	61.11%	20.54	16	25.00%	8.40	52	65.00%	21.84						
Engineering Technician V	43.28	320	36.20%	15.67															
Engineering Technician IV	39.21																		
Intern	18.33																		
Ecological Services Director	51.94	8	0.90%	0.47															
Environmental Specialist I	28.77	32	3.62%	1.04															
Professional Land Surveyor	49.90	24	2.71%	1.35															
Professional Land Surveyor	43.79																		
Surveyor III	33.86																		
Adminstrative Staff	26.99													6	17.65%	4.76			
TOTALS		884.0	100%	\$42.03	144.0	100%	\$39.60	64.0	100%	\$53.72	80.0	100%	\$40.99	34.0	100%	\$63.47	0.0	0%	\$0.00

# PROPOSAL SUMMARY SHEET

82<sup>nd</sup> Avenue Multi-Use Path from 135<sup>th</sup> Street to 151st Street
Phase I Preliminary Engineering

Business Name: Engineering Resource Associates	s, Inc.
Street Address: 3s701 West Avenue, Suite 150	
City, State, Zip: Warrenville, IL 60555	
Contact Name: Howard Killian	
Title: Project Manager	
Phone: 630-393-3060 Fax: 63	30-393-2152
E-Mail address: hkillian@eraconsultants.com	
Price Prop	posal \$256,948
(On an hourly not to exceed fee basis)	
AUTHORIZATION &	SIGNATURE
Name of Authorized Signee: <u>John Mayer, PE, CFM</u>	
Signature of Authorized Signee:	Magn
Fitle: Vice President	ate: 05/14/2021

# **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)

		(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



# 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 14 DAY OF May , 202	ACCEPTED & AGREED HIS.	14	DAY OF	May	2021
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Ĵohn Mayer, PE, O戸M Vice President

Printed Name & Title

Authorized to execute agreements for:

Engineering Resource Associates, Inc.

Name of Company