DRAFT

Mun	icipality		L 0 C		linois Depar f Transport	tment ation	CO	Name IMEG Corp.
Tow	nship		L	Prelin	ninary Engin	erina	N S U	Address 4850 Grand Avenue
Cou	nty		A		vices Agreen		L	City
Lak	æ		G E	Moto	For or Fuel Tax F	unds	T A N	Gurnee
Sect		-10-GM	N C Y				T	State IL
			'					
Age imp sup	ency (L rovem ervisio	ent of the above SECTION.	ER) Mote Tra	and covers coor Fuel Tax F	unds, allotted nereinafter cal	to the LA by tl ed the "DEPA	he S RTN	, between the above Local services in connection with the State of Illinois under the general MENT", will be used entirely or in part
				Sec	ction Descrip	tion		
Nar	me _	2021 Concrete Patching						
Rou	ute _	Length		Mi.	100.00	FT		(Structure No)
Ter	mini	Gilmer Road at Route 83, F	Russ	ell Road at Fi	rontage Road	Washington 9	Stre	et at O'Plaine
	scriptionse II e	on: engineering services in accor	danc	e with Exhibi	ts, A, B, C, D,	E, F and G at	tach	ned hereto.
				Agre	ement Provi	sions		
	To pe	eer Agrees, rform or be responsible for the sed improvements herein be					ervi	ces for the LA, in connection with the
	a. 🛚	Make such detailed surveys	s as	are necessar	y for the prepa	aration of deta	iled	roadway plans
	b. 🗌	Make stream and flood plai of detailed bridge plans.	n hy	draulic survey	ys and gather	high water dat	ta, a	and flood histories for the preparation
	с. 🗌		req	uired to furnis	sh sufficient da	ata for the des	ign	cluding borings and soil profiles and of the proposed improvement. ents of the DEPARTMENT.
	d. 🗌	Make or cause to be made furnish sufficient data for th					ters	ection studies as may be required to
	e. 🗌							-Office of Water Resources Permit, ations, and Railroad Crossing work
	f	Prepare Preliminary Bridge and high water effects on ro					omi	ic analysis of bridge or culvert types)
	g. 🗵	with five (5) copies of the pl	ans,	special provi	isions, propos	als and estima	ites.	d estimates of cost and furnish the LA . Additional copies of any or all actual cost for reproduction.
	h. 🗌							of-way dedications, construction f the corresponding plats and staking

Note: Four copies to be submitted to the Regional Engineer

		· · · · · · · · · · · · · · · · · · ·	
	 j. Prepare the necessary environmental documents DEPARTMENT's Bureau of Local Roads & Stree 		
	k. 🛛 Services included and/or defined in the a	ttached scope of services	
(2)	That all reports, plans, plats and special provisions to be be in accordance with current standard specifications an such reports, plats, plans and drafts shall, before being f DEPARTMENT.	policies of the DEPARTMENT. It is being understood	d that all
(3)	To attend conferences at any reasonable time when requ	ested to do so by representatives of the LA or the Dep	partment.
(4)	In the event plans or surveys are found to be in error dur survey corrections are necessary, the ENGINEER agree though final payment has been received by him. He sha minimum delay to the Contractor.	s that he will perform such work without expense to the	LA, even
(5)	That basic survey notes and sketches, charts, computati pursuant to this AGREEMENT will be made available, up without restriction or limitations as to their use.	ons and other data prepared or obtained by the Engine on request, to the LA or the DEPARTMENT without co	eer ost and
(6)	That all plans and other documents furnished by the ENG and will show his professional seal where such is require	SINEER pursuant to this AGREEMENT will be endorsed by law.	ed by him
The	e LA Agrees,		
1.	To pay the ENGINEER as compensation for all services accordance with one of the following methods indicated I	performed as stipulated in paragraphs 1a, 1g, 1i, 2, 3, s	5 and 6 in
	approved by the DEPARTMENT.	t of the awarded contract cost of the proposed improve	ement as
	approved by the DEPARTMENT.	ed contract cost for the proposed improvement as app	
	approved by the DEPARTMENT. b. A sum of money equal to the percent of the award the DEPARTMENT based on the following schedule:	ed contract cost for the proposed improvement as app le:	
	approved by the DEPARTMENT. b. A sum of money equal to the percent of the award the DEPARTMENT based on the following schedule:	ed contract cost for the proposed improvement as app le: sed on Awarded Contract Cost	
	approved by the DEPARTMENT. b. A sum of money equal to the percent of the award the DEPARTMENT based on the following schedule for Percentages Based	ed contract cost for the proposed improvement as app le:	proved by
	approved by the DEPARTMENT. b. A sum of money equal to the percent of the award the DEPARTMENT based on the following schedule for Percentages Based Awarded Cost	ed contract cost for the proposed improvement as appole: sed on Awarded Contract Cost Percentage Fees (see not	proved by
	approved by the DEPARTMENT. b. A sum of money equal to the percent of the award the DEPARTMENT based on the following schedule for Percentages Based Awarded Cost	ed contract cost for the proposed improvement as appule: sed on Awarded Contract Cost Percentage Fees (see not %%%)	proved by
2	approved by the DEPARTMENT. b. A sum of money equal to the percent of the award the DEPARTMENT based on the following schedule for Percentages Based Awarded Cost	ed contract cost for the proposed improvement as applie: sed on Awarded Contract Cost Percentage Fees (see not %%%%)	proved by
25	approved by the DEPARTMENT. b. A sum of money equal to the percent of the award the DEPARTMENT based on the following schedule for Percentages Based Awarded Cost	ed contract cost for the proposed improvement as appule: sed on Awarded Contract Cost Percentage Fees (see not %%%)	proved by
	approved by the DEPARTMENT. b. A sum of money equal to the percent of the award the DEPARTMENT based on the following schedule for Percentages Based Awarded Cost Under \$50,000	ed contract cost for the proposed improvement as applie: sed on Awarded Contract Cost Percentage Fees (see not %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	proved by

Printed 12/15/2020

Total Not-To-Exceed Contract Amount Shall Be \$49,002.60

3. That payments due the ENGINEER for services rendered in accordance with this AGREEMENT will be made as soon as practicable after the services have been performed in accordance with the following schedule: Upon completion of detailed plans, special provisions, proposals and estimate of cost - being the work required by paragraphs 1a through 1g under THE ENGINEER AGREES - to the satisfaction of the LA and their approval by the DEPARTMENT, 90 percent of the total fee due under this AGREEMENT based on the approved estimate of cost. Upon award of the contract for the improvement by the LA and its approval by the DEPARTMENT, 100 percent of the total fee due under the AGREEMENT based on the awarded contract cost, less any amounts paid under "a" above. By Mutual agreement, partial payments, not to exceed 90 percent of the amount earned, may be made from time to time as the work progresses. 4. That, should the improvement be abandoned at any time after the ENGINEER has performed any part of the services provided for in paragraphs 1a, through 1h and prior to the completion of such services, the LA shall reimburse the ENGINEER for his actual costs plus percent incurred up to the time he is notified in writing of such abandonment - "actual cost" being defined as in paragraph 2 of THE LA AGREES. 5. That, should the LA require changes in any of the detailed plans, specifications or estimates except for those required pursuant to paragraph 4 of THE ENGINEER AGREEs, after they have been approved by the DEPARTMENT, the LA will pay the ENGINEER for such changes on the basis of actual cost plus percent to cover profit, overhead and readiness to serve -"actual cost" being defined as in paragraph 2 of THE LA AGREES. It is understood that "changes" as used in this paragraph shall in no way relieve the ENGINEER of his responsibility to prepare a complete and adequate set of plans and specifications. It is Mutually Agreed. That any difference between the ENGINEER and the LA concerning their interpretation of the provisions of this Agreement shall be referred to a committee of disinterested parties consisting of one member appointed by the ENGINEER, one member appointed by the LA and a third member appointed by the two other members for disposition and that the committee's decision shall be final. 2. This AGREEMENT may be terminated by the LA upon giving notice in writing to the ENGINEER at his last known post office address. Upon such termination, the ENGINEER shall cause to be delivered to the LA all surveys, permits, agreements, preliminary bridge design & hydraulic report, drawings, specifications, partial and completed estimates and data, if any from traffic studies and soil survey and subsurface investigations with the understanding that all such material becomes the property of the LA. The ENGINEER shall be paid for any services completed and any services partially completed in accordance with Section 4 of THE LA AGREES. That if the contract for construction has not been awarded one year after the acceptance of the plans by the LA and their approval by the DEPARTMENT, the LA will pay the ENGINEER the balance of the engineering fee due to make 100 percent of the total fees due under this AGREEMENT, based on the estimate of cost as prepared by the ENGINEER and approved by the LA and the DEPARTMENT. That the ENGINEER warrants that he/she has not employed or retained any company or person, other than a bona fide employee working solely for the ENGINEER, to solicit or secure this contract, and that he/she has not paid or agreed to pay any company or person, other than a bona fide employee working solely for the ENGINEER, any fee, commission, percentage, brokerage fee, gifts or any other consideration, contingent upon or resulting from the award or making of this contract. For Breach or violation of this warranty the LA shall have the right to annul this contract without liability.

Executed by the LA:	
ATTEST:	County of Lake of the (Municipality/Township/County) State of Illinois, acting by and through its
Clerk (Seal)	ByTitle
Executed by the ENGINEER:	IMEG Corp. 4850 Grand Avenue
ATTEST:	Gurnee, IL 160031
Title Executive Vice President	Title Senior Principal / Client Executive
Approved Date Department of Transportation	
Regional Engineer	

IN WITNESS WHEREOF, the parties have caused the AGREEMENT to be executed in quadruplicate counterparts, each of which shall be considered as an original by their duly authorized officers.

Exhibit A - Preliminary Engineering

Route:								
Local Agency:						*Firm's	approved rates	*Firm's approved rates on file with IDOT'S
Section:	(Municipality/Township/County)					Bureau	Bureau of Accounting and Auditing	d Auditing:
	2021 Concrete Patching					Overhea	Overhead Rate (OH)	156 58 %
	,		1.76			Complexity Fac	Complexity Factor (R) Calendar Days	
								×
Method of Compensation:	·							
Cost Plus Fixed Fee 1 Cost Plus Fixed Fee 2	□ 14.5%[DL + R(DL) + OH(DL) + IHDC]□ 14.5%[DL + R(DL) + 1.4(DL) + IHDC]	R(DL) + OH R(DL) + 1.4	(DL) + IHDC					
Cost Plus Fixed Fee 3 Specific Rate Lump Sum	☐ 14.5%[(2.3 + R)DL + IH ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	R)DL + IH(
		J	Sost Estima	te of Consultant	Cost Estimate of Consultant's Services in Dollars	Irs		
Element of Work	Employee Classification	Man- Hours	Payroll Rate	Payroll Costs (DL)	Overhead*	Services by Others	In-House Direct Costs (IHDC)	Profit
Data Collection	Sr. Civil Eng. III	32.00	\$50.18	\$1,605.76	\$2,514.29			84.7
Review & Evaluation		0.00	\$0.00	\$0.00	\$0.00			
	Sr. Survey Tech.	8.00	\$28.14	\$225.12	\$352.49			\$ 57
	Civil Tech.Specl	32.00	\$31.70	\$1,014.40	\$1,588.34			\$2,6
Project Scoping Report	Civil Proj. Eng.II	12.00	\$41.03	\$492.36	\$770.93			\$1,2
	Sr. Survey Tech	12.00	\$28.14	\$337.68	\$528.73			\$ 86
Analysis	Civil Proj.Eng II	20.00	\$41.03	\$820.60	\$1,284.89			\$2,1
	Civil Tech. Specl.	20.00	\$31.70	\$634.00	\$992.71			\$1,6
Traffic Control	Civil Proj Eng. III	56.00	\$41.03	\$2,297.68	\$3,597.70			\$2,8
	Civil Tech.Specl.	120.00	\$31.70	\$3,804.00	\$5,956.30			263
Plans, Specs and	Sr.Civil Eng. III	40.00	\$50.18	\$2,007.20	\$3,142.87			\$5,1
Estimate of Cost	Civil Tech. Specl	120.00	\$31.70	\$3,804.00	\$5,956.30			\$9,7
200	Admin Assist II	24.00	\$18.92	\$454.08	\$710.99			81,1
Project Management	Client Exec.	24.00	\$66.73	\$1,601.52	\$2,507.66			84,1
		0.00	\$0.00	\$0.00	\$0.00		\$0.00	
		00.00	\$0.00	\$0.00	\$0.00			
		00.00	\$0.00	\$0.00	\$0.00			
		00.00	\$0.00	\$0.00	\$0.00			

\$49,002.60

\$29,904.20

\$19,098.40

520.00

Totals

\$2,602.74 \$1,263.29 \$ 866.41 \$2,105.49 \$1,626.71 \$5,895.38 \$9,760.30 \$5,150.07 \$9,760.30 \$1,165.07 \$4,109.18

\$4,120.05

\$ 577.61

Total



EXHIBIT B

LAKE COUNTY DIVISION OF TRANSPORTATION

2021 CONCRETE PATCHING

MANHOUR PROJECTIONS

PRELIMINARY ENGINEERING

	Task 1	
Data Collection, Review and Evaluation		
1	Data collection	8
2	Prepare preliminary aerial plots	16
3	Site Inspection	40
4	Meetings with Lake County	
	Division of Transportation	<u>8</u>
	Total Task 1	72
	Task 2	
Project Scoping Report		
1	Prepare preliminary scope of patching	
	Limits per outcome of Task 1	<u>24</u>
	Total Task 2	24
	Task 3	
Analysis		
1	Investigate use of precast concrete	
	at each patch location	20
2	Prepare cost comparison	8
3	Prepare feasibility vs, benefit analysis	8
4	Coordinate with LCDOT	<u>4</u>
	Total Task 3	40

Task 4

Traffic Control		
1	Review each location to determine if	
	detour routes are required	16
2	Prepare detour plans	40
3	Prepare construction staging plans	40
4	Prepare traffic control plans	40
	Prepare coordination with ISTHA and	40
5	IDOT	40
	Total Task 4	176
	Task 5	
Plans, Specification, Estimate of Cost		
1	Prepare plans	40
2	Prepare Specifications	40
3	Prepare quantities and schedules	16
4	Prepare estimate of cost	16
5	Meet with Lake County Division	
	of Transportation	8
6	Address staff comments and finalize	
	plans/specs/estimates	24
7	Permit processing with ISTHA and IDOT	<u>40</u>
	Total Task 5	184
	Task 6	
Project Management		24
	Total Task 6	24
TOTAL MAN HOURS		520

HMD/rlk/

\\files\Corporate\Teams\CNPCC04_Proposals_\2020 Gurnee\LCDOT\20201214 Exhibit B to BLR05610.docx



SCOPE OF WORK

Plan Preparation for LCODT 2021 Concrete Patching

LCDOT would like to get a proposal from IMEG to produce plans and specifications for our 2021 Concrete Patching contract. The patching work will include 5 patches on Russell Road, 1 on Gilmer Rd and 1 on Washington Street. The plans will need to include a traffic control plan, construction staging plans, and detour plans.

Patching	length ft	width ft
Gilmer Rd. at Rte 83	7	31
Russell Rd EB at Frontage Rd.	30	11
Russell Rd EB at Frontage Rd. 2	7	11
Russell Rd WB at on ramp	13	19
Russell Rd WB at on ramp 2	12	21
Russell Rd WB at on ramp 3	12	12
Washington St. 1050Ft West of O'Plaine	3	5



Richard McMorris, P.E. LCDOT Design Project Engineer <u>Lake County Division of Transportation</u> 600 West Winchester Road Libertyville, IL 60048 General: 847-377-7400

Office: 847-377-7457 rmcmorris@lakecountyil.gov



ELECTRONIC BID PACKAGE FORMAT AND SUBMITTAL

To facilitate posting projects to the LCDOT web site, consultants shall provide electronic copies of the bid documents as follows:

- 1. A .pdf file of each individual plan sheet.
 - a. Each individual sheet file shall be printed to a .pdf file. Only sheets that require signatures and/or seals may be scanned. All plan sheets shall be printed to scale as full size 22" x 34" (ANSI D). This facilitates the printing of half-size (11" x 17") sheets to scale.
 - b. The files shall be named as:
 - i. A-ZZZZZ\$Sheet_XXXX_Title.pdf
 - ii. A-ZZZZZ is the LCDOT CPMS Pin # assigned to the project. The "XXXX" in the file name shall be a sequential 4 digit number beginning at 0001. The numbers shall include all preceding 0's. The 0's are necessary to align the individual files in order on the web site.
 - iii. For example the cover sheet of the project (PIN # B-00300) would be B-00300\$Sheet_0001_Cover_Sheet.pdf.
- 2. A .pdf file of the entire plan set.
 - a. The individual plan sheets shall be combined into a single file.
 - b. The file shall be named: A-ZZZZZ\$Full_Plan_Set.pdf.
 - A scanned copy of the cover sheet with County Engineer's signature will be added by LCDOT.
- A compiled .pdf file of the final contract book (specifications).
 - a. The file shall be compiled from individual documents (word processing, spreadsheets, design standards/details, etc.) printed to .pdf files and individual files already in .pdf format. Only documents that cannot be transmitted electronically or that require signatures and/or seals may be scanned.
 - b. The file shall be named: A-ZZZZZ\$Contract Specifications.pdf.
 - c. A scanned copy of the cover page with County Engineer's signature will be added by LCDOT.
- 4. If a soils report for the project has been prepared, the consultant shall include a .pdf file named: A-ZZZZ\$Soils_Report.pdf.

The consultant shall provide the above files on a CD. LCDOT does not have an fip site. If the consultant has an fip site arrangements may be made to transfer the files.

CHECK SHEET #LRS11

State of Illinois Department of Transportation Bureau of Local Roads and Streets

SPECIAL PROVISION FOR EMPLOYMENT PRACTICES

Effective: January 1, 1999

In addition to all other labor requirements set forth in this proposal and in the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation, during the performance of this contract, the Contractor for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor") agrees as follows:

Selection of Labor. The Contractor shall comply with all Illinois statutes pertaining to the selection of labor.

Equal Employment Opportunity. During the performance of this contract, the Contractor agrees as follows:

- (a) That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, ancestry, age, marital status, physical or mental handicap or unfavorable discharge from military service, and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.
- (b) That, if it hires additional employees in order to perform this contract or any portion hereof, it will determine the availability of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.
- (c) That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, national origin, ancestry, age, martial status, physical or mental handicap or unfavorable discharge from military service.

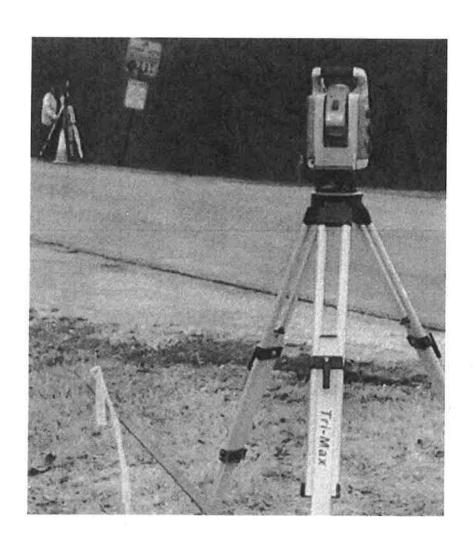
That it will send to each labor organization or representative of workers with which it has or is bound by collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the Contractor's obligations under the Illinois Human Rights Act and the Department's Rules and Regulations. If any such labor organization or representative fails or refuses to cooperate with the Contractor in its efforts to comply with so such Act and Rules and Regulations, the Contractor will promptly so notify the Illinois Department of Human Rights and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations thereunder.

CHECK SHEET #LRS11

- (e) That it will submit reports as required by the Department of Human Rights Rules and Regulations, furnish all relevant information as may from time to time be requested by the Department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and the Department's Rules and Regulations.
- (f) That it will permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency Illinois Department of Human Rights for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and the Department's Rules and Regulations.
- (g) That it will include verbatim or by reference the provisions of this clause in every subcontract so that such provisions will be binding upon every such subcontractor. In the same manner as with other provisions of this contract, the Contractor will be liable for compliance with applicable provisions of this clause by all its subcontractors; and further it will promptly notify the contracting agency and the Illinois Department of Human Rights in the event any subcontractor fails or refuses to comply therewith. In addition, the Contractor will not utilize any subcontractor declared by the subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.



DESIGN SURVEY PROCEDURES



DESIGN SURVEY PROCEDURES (Revised 10/19/18)

HORIZONTAL ALIGNMENT

Unless otherwise specified in the services contract, the CONSULTANT is to provide the horizontal alignment. The CONSULTANT will conduct all surveying, stationing, and preparation of required plans using English units of measure and the U.S. Survey Foot. The CONSULTANT'S SURVEYOR will try to re-establish the original horizontal alignment as shown on the recorded R.O.W. plats. The CONSULTANT shall contact LCDOT's Land Surveyor to obtain R.O.W. plats and field notes before establishing the horizontal alignment and stationing. The CONSULTANT shall notify LCDOT's Surveyor immediately if the alignment cannot be reproduced or if in the CONSULTANT'S opinion the existing alignment information is in error.

The CONSULTANT'S SURVEYOR, prior to construction, shall stake the PCs, PIs, PTs, and POTs so that the alignment location can be verified before construction staking is initiated. The CONSULTANT'S SURVEYOR will provide four reference ties to all U.S. Public Land Survey Monuments that are located within the construction limits. The reference points should be located outside of the anticipated construction limits if practical, so that they can be used after construction to replace the monuments. The CONSULTANT shall record Monument Records for all Section and Quarter Section corners set or found within the construction limits.

The CONSULTANT will mark the baseline for relocated alignments when off pavement at the PCs, PTs, and POTs with iron rods. The rods shall be set one foot below the surface in farmed land. The CONSULTANT will advise the County of any pavement alignment variations. In cases where the proposed centerline of construction or survey baseline is different from the existing centerline of R.O.W., both shall be shown and the relationship between them shall be indicated on an Alignment & Tie sheet.

ALIGNMENT & TIE SHEET

An Alignment & Tie Sheet shall be provided as part of the final plans. The plans are to be prepared using English units of measure and the U.S. Survey Foot. The station, offset, and coordinates of the alignment points (PCs, PTs, PIs, and POTs) and survey control (traverse) points shall be shown. Coordinates for all projects shall be on the Illinois State Plane Coordinate System, - East zone, NAD83 (Adjustment). The grid (combination) factor for the project shall be shown. A list of traverse points with station, offset, and coordinates shall be provided.

VERTICAL ALIGNMENT

The North American Vertical Datum of 1988 (NAVD 88) shall be used for vertical control. Lake County Mapping Benchmarks are available on-line (http://gis.lakeco.org/maps/). NAVD88 benchmarks are available on-line from the National Geodetic Survey. LCDOT's Land Surveyor may also be contacted for benchmarks that may be in the area. The primary benchmarks and site benchmarks shall be listed and described on the Alignment & Tie Sheet. The location of the site benchmarks shall also be shown on the plan sheets with a symbol. Site benchmarks are to be located at less than 1000-foot intervals with a minimum of two (2) on each project.

All benchmarks shall be located on stable objects. LCDOT prefers these objects to be outside the construction limits. Some acceptable benchmark examples are, spikes in poles, bolts on fire hydrant rings, and concrete foundations.

TOPOGRAPHY

The CONSULTANT shall cut cross-sections at 50-foot intervals and at all points needing clarification. For areas of superelevation or requiring greater detail, cross-sections shall be cut at 25-foot intervals. The cross section interval should be defined in the engineering services contract.

Full cross-section profiles will be taken at all cross streets, alleys, cross road culverts, and entrances (commercial, private, and field). Half cross-sections will not be accepted because they skew the computer terrain model.

The CONSULTANT will locate and identify all trees (6 inches in diameter or greater) within the area either side of the centerline, defined by the proposed ROW or construction limits (whichever is greater) plus an additional 10 feet. The trees shall be identified by species and size. The trees shall be located by station/offset and have a ground elevation.

Streams, tributaries, or major drainage ditches located within a lateral distance of 250 feet from centerline (upstream and downstream) shall be surveyed. Alignment, profiles, and cross-sections shall be taken. The stream width shall be shown as the distance measured between the tops of the stream banks. Profile elevations along the bottom of the watercourse shall be taken at a minimum of 50-foot intervals.

The survey shall extend a minimum of 200 feet beyond the roadway construction limits. Cross-sections shall be taken a minimum of 10 feet beyond the proposed R.O.W. or construction limits (whichever is greater). Cross-sections will extend 30 feet beyond the proposed R.O.W. at entrances and 150 feet at minor side roads.

All survey data shall be collected in Illinois State Plane Coordinates – East Zone. The collected survey data for the existing topography shall have a minimum of 3rd Order Accuracy horizontally with readings to the nearest 0.1 feet for vertical on gravel or ground and readings to the nearest 0.01 feet for vertical on all other surfaces.

For ADA ramps: The Consultant shall not use GPS devices to collect vertical data or elevations for hard surfaces e.g. curb and gutter, sidewalk, bike paths etc.

RAILROAD INSURANCE

The CONSULTANT will comply with the railroad's requirements when conducting a survey on the railroad's R.O.W. Usually, this includes obtaining a permit, paying a fee, obtaining Railroad Protective Liability Insurance, notification of a flagman to be present near the rails during the survey operations, and any other requirements of the railroad. The CONSULTANT is responsible for all of the foregoing requirements.

DELIVERABLES

- I. Copies from the CONSULTANT'S field books, showing benchmarks, level circuits, & structure details, such as size and inverts etc.
- II. The Base Drawing at 1:1 scale. All the topographic information shall be plotted electronically. The data shall be in Illinois State Plane Coordinates East Zone and be recorded in a MICROSTATION (dgn) format. All CAD work shall be according to LCDOT CAD Standards. ASCII files, gpk files, and/or InRoads files containing all point information as described below shall be included. A filename "ID" acronym explanation sheet shall be provided. Backup CDs shall be provided.
- III. Point Information:
 - (1) Point number
 - (2) Northing and Easting coordinate values
 - (3) "Z" elevations
 - (4) Point identification by code
 - (5) Notes



March 4, 2020

Subject: PRELIMINARY ENGINEERING

Consultant Unit Prequalification File

Corey Stout IMEG CORP 120 S. 1st Street PO Box 4327 Rockford, IL 61110

Dear Corey Stout,

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending Dec 31, 2018. Your firm's total annual transportation fee capacity will be \$33,600,000.

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling 156.58% are approved on a provisional basis. The rate used in agreement negotiations may be verified by our Office of Quality Compliance and Review in a pre-award audit.

Your firm is required to submit an amended SEFC through the Engineering Prequalification & Agreement System (EPAS) to this office to show any additions or deletions of your licensed professional staff or any other key personnel that would affect your firm's prequalification in a particular category. Changes must be submitted within 15 calendar days of the change and be submitted through the Engineering Prequalification and Agreement System (EPAS).

Your firm is prequalified until December 31, 2019. You will be given an additional six months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

Sincerely, Jack Elston, P.E. Bureau Chief Bureau of Design and Environment

SEFC PREQUALIFICATIONS FOR IMEG CORP

CATEGORY	STATUS
Location Design Studies - Rehabilitation	Х
Special Services - Construction Inspection	X
Special Services - Surveying	X
Structures - Highway: Typical	X
Special Studies - Pump Stations	X
Special Studies - Location Drainage	X
Special Services - Mechanical	Х
Special Services - Landscape Architecture	Х
Special Studies - Safety	X
Airports - Design	Х
Highways - Roads and Streets	Х
Hydraulic Reports - Pump Stations	Х
Hydraulic Reports - Waterways: Typical	X
Location Design Studies - New Construction/Major Reconstruction	X
Special Services - Electrical Engineering	X
Special Services - Sanitary	Х
Special Services - Subsurface Utility Engineering	X
Special Studies - Traffic Signals	X
Special Studies - Traffic Studies	X
Structures - Highway: Simple	X
Highways - Freeways	Х
Hydraulic Reports - Waterways: Complex	Х
ocation Design Studies - Reconstruction/Major Rehabilitation	Х
Special Studies - Feasibility	А

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- A NOT PREQUALIFIED, REVIEW THE COMMENTS UNDER CATEGORY VIEW FOR DETAILS IN EPAS.
- S PREQUALIFIED, BUT WILL NOT ACCEPT STATEMENTS OF INTEREST





PAYROLL SUMMARY

COMPANY NAME IMEG Corp.

RATES ARE CURRENT AS OF Sunday, November 1, 2020

TYPE OF RAISE

Friday, May 1, 2020

PAYROLL TITLE	AVERAGE HOURLY RATE	COMMENTS
CLIENT EXECUTIVE	\$66.73	COMMENTS
PROJECT EXECUTIVE	\$59.04	COLORADO INVADORADO DE
SENIOR CIVIL ENGINEER III	\$50.18	
ENIOR CIVIL ENGINEER	\$40.99	
ENIOR CIVIL ENGINEER SPECIALIST	\$60.31	
ENIOR ENGINEERING TECHNICIAN	\$41.35	
CIVIL ENGINEERING SPECIALIST	\$56.10	
IVIL PROJECT ENGINEER II	\$41.03	
CIVIL PROJECT ENGINEER	\$32.37	
IVIL PROJECT DESIGNER II	\$34.24	
IVIL PROJECT DESIGNER		
ENIOR CIVIL DESIGNER III	\$30.61	
ENIOR CIVIL DESIGNER	\$44.26	
ENIOR CIVIL DESIGNER ENIOR CIVIL TECHNICAL SPECIALIST	\$35.42	
	\$40.17	
IVIL TECHNICAL SPECIALIST	\$31.70	
IVIL DESIGNER IV	\$32.69	
IVIL DESIGNER III	\$30.11	
IVIL DESIGNER II	\$26.60	
IVIL DESIGNER	\$26.72	
IVIL DESIGN TECH II	\$22.74	
ENIOR STRUCTURAL ENGINEER III	\$53.69	
ENIOR ELECTRICAL ENGINEER III	\$51.49	
ENIOR ELECTRICAL DESIGNER II	\$59.33	
LECTRICAL PROJECT ENGINEER II	\$41.43	
ENIOR VIRTUAL DESIGN COORDINATOR	\$29.33	
ENIOR MECHANICAL ENGINEER III	\$35.57	
NIOR TECHNOLOGY DESIGNER II	\$65.34	
ND SURVEYOR III	\$45.59	
ND SURVEYOR II	\$37.61	
IND SURVEYOR I	\$32.64	
NIOR SURVEY TECHNICIAN	\$28.14	
JRVEY TECHNICIAN III	\$25.60	
JRVEY TECHNICIAN II	\$21.15	
NIOR FIELD TECHNICIAN	\$36.25	
ELD TECHNICIAN IV	\$25.35	
ELD TECHNICIAN III	\$27.80	
ELD TECHNCIAN II	\$24.24	
INSTRUCTION MANAGER	\$37.08	
NIOR CONSTRUCTION ADMINISTRATOR	\$35.59	
INSTRUCTION ADMINISTRATION	\$35.80	
INSTRUCTION ADMINISTRATION ASST.	\$21.42	
OMIN ASSIST II	\$18.92	
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DESIGN SCHEDULE

ROUTE: VARIOUS			
LOCAL AGENCY: LAKE COUNTY			
SECTION:			
PROJECT: 2021 CONCRETE PATCHING			
JOB NO.:			
		2021	
	MARCH	APRIL	MAY
DATA COLLECTION, REVIEW AND EVALUATION			
DEO IECT SCORING BEDODT			
ANALYSIS			
TRAFFIC CONTROL			
LCDOT REVIEW #1			
PLANS, SPECS, ESTIMATE OF COST			71
		-	
LCDOT REVIEW #2			
FINALIZE PLANS AND PERMITS APPLICATION			

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