06-02-23 Posting Date LAK-CR313-0.60 Mantle Road Bridge Replace PID No. 119489 Lake County

Response Due Date: 06-23-23

#### **Communications Restrictions**

Please note the following policy concerning communication between Consultants and Lake County during the announcement and selection process:

During the time period between advertisement and the announcement of final consultant selection, communication with consultants (or their agents) shall be limited as follows:

#### Communications which are strictly prohibited:

Any discussions or marketing activities related to this specific project.

#### Allowable communications include:

Technical or scope of services questions specific to the project or RFP requirements.

#### **Project Description**

The services include preparation of construction contract plans for the removal and complete replacement of the Mantle Road Bridge over Red Creek in Painesville Township in Lake County, Ohio.

Estimated Construction Cost: \$950,000.00

#### Prequalification Requirements

Prequalification requirements for this agreement are listed below. For all prequalification categories other than FINANCIAL MANAGEMENT SYSTEM EVALUATION, the requirement may be met by the prime consultant or a subconsultant.

Also, please note that only individuals (not firms) are prequalified for right of way acquisition services. In instances where prequalification for these services is required, a prequalified individual, either employed by the prime consultant or a subconsultant, must be named in order to meet the requirement.

For agreements that require prequalification in FINANCIAL MANAGEMENT SYSTEM EVALUATION, the prime consultant and <u>all subconsultants that provide engineering and design related services</u> must be prequalified in this category. Engineering and Design Related Services are defined as follows:

Program management, construction management, feasibility studies, preliminary engineering, design engineering, surveying, mapping, or architectural related services with respect to a highway construction project subject to 23 U.S.C. 112(a) as defined in 23 U.S.C 112(b)(2)(A); and

Professional services of an architectural or engineering nature, as defined by State law (ORC 5526), which are required to or may logically or justifiably be performed or approved by a person licensed, registered, or certified to provide the services with respect to a highway construction project to 23 U.S.C. 112(a) and defined in 40 U.S.C. 1102(2).

#### **DESIGN SERVICES:**

Non-Complex Roadway Design;

Subsurface Utility Location Services;

Level 1 Bridge Design;

Level 2 Bridge Design;

Geotechnical Engineering Services;

Geotechnical Testing Laboratory;

Geotechnical Field Exploration Services;

#### **ENVIRONMENTAL SERVICES:**

Environmental Document Preparation - CE2:

Ecological Surveys;

Waterway Permits;

Regulated Materials Review

#### FINANCIAL MANAGEMENT SYSTEM EVALUATION

Compliant with Federal Requirements (Prime consultant and subconsultants that provide engineering and design related services must meet this prequalification requirement)

#### **Selection Subfactors**

There are no selection subfactors for this project.

#### **Contract Type and Payment Method**

Refer to the ODOT's Manual for Administration of Contracts for Professional Services, Volume 1: Consultant Contract Administration, Sections 4.3.A and 4.3.B for guidance concerning the appropriate contract type and payment method. Based on this guidance, contract type and payment method will be determined during the scope of services and negotiation process.

#### **Estimated Date of Authorization**

It is anticipated that the selected Consultant will be authorized to proceed by August 18, 2023.

#### **Completion Schedule**

The plans are to be completed and on file with Lake County within twelve (12) months from the date of authorization.

#### Suspended or Debarred Firms

Firms included on the current Federal list of firms suspended or debarred are not eligible for selection.

#### **Terms and Conditions**

The Department's Specifications for Consulting Services 2016 Edition will be included in all agreements selected under this request for letters of interest.

#### Compliance with Title VI of the Civil Rights Act of 1964

Lake County, in accordance with Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this advertisement, all bidders including disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin, sex, age, disability, low-income status, or limited English proficiency in consideration for an award.

#### **Selection Procedures**

Lake County will directly select a consultant based on the Letter of Interest (LOI). The requirements for the LOI and the Programmatic Consultant Selection Rating Form that will be used to select the consultant are shown below.

Firms interested in being considered for selection should respond by submitting two (2) copies of the Letter of Interest to the following address by 11:00 AM on the response due date listed above.

Lake County Engineer's Office Alan Exley, PE, PS 105 Main Street, Suite A205 Painesville, Ohio 44077

Responses received after 11:00 AM on the response due date will not be considered.

#### Scope of Services

The Scope of Services document is included below.

#### Requirements for Letters of Interest, Programmatic Selection Process

- A. Instructions for Preparing and Submitting a Letter of Interest
  - 1. Provide the information requested in the Letter of Interest Content (Item B below), in the same order listed, in a letter signed by an officer of the firm. <u>Do not</u> send additional forms, resumes, brochures, or other material.
  - 2. Letters of Interest shall be limited to eight (8) 8½" x 11" single sided pages, including qualifications of the project manager, plus two (2) pages for the Project Approach (Item B.5 below).
  - Please adhere to the following <u>requirements</u> in preparing and binding letters of interest:
    - a. Please use a minimum font size of 12-point and maintain margins of 1" on

all four sides.

- b. Page numbers must be centered at the bottom of each page.
- c. Use 8½" x 11" paper only.
- d. <u>Bind letters of interest by stapling at the upper left-hand corner only</u>. Do not utilize any other binding system.
- e. <u>Do not provide tabbed inserts or other features that may interfere with machine copying.</u>

#### B. Letter of Interest Content

- 1. List the types of services for which your firm is currently prequalified by the Ohio Department of Transportation.
- 2. List significant subconsultants, their current prequalification categories and the percentage of work to be performed by each subconsultant.
- 3. List the Project Manager and other key staff members, including key subconsultant staff. Include project engineers for important disciplines and staff members that will be responsible for the work, and the project responsibility of each.

Address the experience of the key staff members on similar projects, and the staff qualifications relative to the selection subfactors noted.

- 4. Describe the capacity of your staff and their ability to perform the work in a timely manner, relative to present workload, and the availability of the assigned staff.
- 5. Provide a description of your Project Approach, not to exceed two pages. Confirm that the firm has visited the site and address your firm's: 1) Technical approach; 2) Understanding of the project; 3) Qualifications for the project; 4) Knowledge and experience concerning relevant ODOT and local standards, procedures and guidance documents; 5) Innovative ideas; 6) Project specific plan for ensuring increased quality, reduced project delivery time and reduced project costs.

Items 1 thru 4 must be included within the 8-page body of the LOI. Remaining space within the eight (8) pages may be utilized to provide personnel resumes or additional information concerning general qualifications.

# Consultant Selection Rating Form for Programmatic Selections

Project: LAK-CR313-0.60 Mantle

Road Bridge Replace

PID: 119489

Project Type: Bridge Replacement

District: 12

Selection Committee Members: TBD

#### Firm Name:

Category	Total Value	Scoring Criteria	Score
Management & Team			
Project Manager	10	See Note 1, Exhibit 1	
Strength/Experience of Assigned Staff including Subconsultants	25	See Note 2, Exhibit 1	
Firm's Current Workload/ Availability of Personnel	10	See Note 4, Exhibit 1	
Consultant's Past Performance	30	See Note 3, Exhibit 1	
Project Approach	25		
Total	100		

If Applicable: Adequate good faith efforts made to meet DBE goal Y/N

#### **Exhibit 1 - Consultant Selection Rating Form Notes**

The proposed project manager for each consultant shall be ranked, with the highest ranked project manager receiving the greatest number of points, and lower ranked project managers receiving commensurately lower scores. The rankings and scores should be based on each project manager's experience on similar projects and past performance for the LPA and other agencies. The selection committee may contact ODOT and outside agencies if necessary. Any subfactors identified should be weighed heavily in the differential scoring.

Differential scoring should consider the relative importance of the project manager's role in the success of a given project. The project manager's role in a simple project may be less important than for a complex project, and differential scoring should reflect this, with higher differentials assigned to projects that require a larger role for the project manager.

 The experience and strength of the assigned staff, including subconsultant staff, should be ranked and scored as noted for Number 1 above, with higher differential scores assigned on more difficult projects. Any subfactors identified in the project notification should be weighed heavily in the differential scoring.

As above, other agencies may be contacted.

3. The consultants' past performance on similar projects, with emphasis on LPA projects, shall be ranked and scored on a relative, differential scoring type basis, with the highest ranked consultant receiving a commensurately greater number of points. The selection team should consider ODOT CES performance ratings if available, and consult other agencies as appropriate. The use of CES ratings shall place emphasis on the specific type of services requested.

The differential scoring should consider the complexity of the project and any subfactors identified in the project notification.

4. The consultant's workload and availability of qualified personnel, equipment and facilities shall be ranked and scored on a relative, differential scoring type basis. The scoring shall consider quantifiable concerns regarding the ability of a firm (or firms) rated higher in other categories to complete the work with staff members named in the letter of interest.

# LPA SCOPE OF SERVICES FORM

A. Project Identification	
County-Route-Section: (Project Name) LAK-Mantle	Road Bridge Replace
Project Sponsor / Maintenance Respons	ibility: Lake County Engineer
<ul><li>☑ Local Let</li><li>☑ ODOT Let</li></ul>	PID (ODOT assigned): 119489
Scope Field Review: <u>TBD</u>	Scope Meeting: <u>04/25/2023</u>
Proposed Sale Date: November 2024	State Fiscal Year: 2025
Highway Functional Classification: <u>Ur</u>	ban Major Collector
NHS Route: No	
B. Design Standard	
ODOT Location and Design Manual,	ODOT Bridge Design Manual, AASHTO LRFD,
AASHTO Low Volume Design Guide	e, Ohio Manual of Uniform Traffic Control Devices
C. Project Description  Description of Project: (detail transportation issues to be improved)  In Painesville Township in Lake Cou  Prior studies / plans:  N/A	placement of Mantle Road (CR-313-0.60) bridge over Red Creek
Project Limits: (identify start and end locations) Estimate Project Length: (begin pavement to end pavement including bridge) Work Length:	Start 200 feet before and ending 200 feet after the bridge limits 450 feet
(including project length & approach work)	450 feet
Alignment: ☐ Existing ☐ Relocated (explain)  Profile: ☐ Existing ☐ New (explain)	Possible minor skew adjustment to the current creek alignment
Logical Termini: (w/ explanation)  Logical Termini will	be 200 feet from each end of the proposed bridge to allow for
Any minor profile adjustments.	

D.	Typical Sections	S							
	Pavement Widtl	1:					curb to cur	-b	Graded Shoulder: X
කු	20 feet					X	edge to ed	ge_	Treated Shoulder: X (3 FT)
Existing	R/W Width: 60 feet								
<b>B</b>	Bridge Width: 35 feet					<b>⊠</b> f/:	f of rails, □	]t/t	of curbs, or □t/t of parapets
	Existing \( \)	es No	Com	ment / Ty	ре				
	Median								
	Curbs								
	Curb ramps								
	Sidewalks		Wic	ith:					
	Guardrail								
	Additional Thir	าฮร Тก	Note	About Ex	istin	σ Τν	mical Section	on:	2
	riddillonar rini	160 10	11000	rioodi Da	ao ear	5 · /	prem seem	011.	
	Pavement Width					Τ,	1		G LIGHT II V (C.FT)
_	28 feet	1.				1	b to curb e to edge		Graded Shoulder: X (6 FT)  Freated Shoulder: X
Proposed	R/W Width:			1963		cug	e to eage	1	react shoulder.
rop	60 feet								
Ь	Bridge Width: 36 feet				⊠ f/	f of	rails 🗀t/t	of c	ourbs, or □t/t of parapets
					·			OI C	urbs, or introduction parapets
	Proposed	Yes		Commer	<u>nt / T</u>	ype			
	Median								
	Curbs								
	Curb ramps (*)		$\boxtimes$						
	Sidewalks			Width:					
	Guardrail	$\boxtimes$							
	Note (*) – Curb ramps must be updated to current ADA standards.								
	Additional Things To Note About <b>Proposed</b> Typical Section:								

**Supplemental Information:** 

ADT	1403	Design ADT	1947
DHV		Certified Traffic	
T24	-		
Design Speed	50 mph	Legal Speed	45 mph
Comments:			

#### E. Environmental

Note: All required environmental studies must be performed by prequalified consultants (unless noted with "(\*)" below) and the document must be completed using ODOT's EnviroNet System.

These are actions and/or items the District Environmental Staff deems necessary to address as part of the LPA project environmental documentation. This form is not all inclusive, and more items may be required upon initiation of agency coordination and field studies.

Categorical Exclusion (CE) Environmental Document (solvet document time)

		$\boxtimes$ C2 $\square$ D1 $\square$ D2	□ <b>D3</b>	□ EA	□ EIS
				<del></del>	<del></del>
Regi Yes	nired No	Note: (*) – prequalified consultant is NOT required	Responsibility/Not	es	
Cultura	l Door	· ·			
		Section 106 – Scoping Request Form (*)	Consultant		
	$\boxtimes$	Phase I Cultural Resources Survey Report	Constituit		
	$\boxtimes$	Phase I History/Architecture Survey Report			
	$\boxtimes$	Phase I Archaeology Survey Report			
	$\boxtimes$	Phase II Cultural Resources Survey Report			
	$\boxtimes$	Phase II History/Architecture Survey Report			
	$\boxtimes$	Phase II Archaeology Survey Report			
	$\bowtie$	Phase III Archaeology Data Recovery			
	$\boxtimes$	Addendum reports/submissions			
	$\boxtimes$	Documentation for Consultation/MOA			
	$\boxtimes$	HABS/HAER/Cultural Documentation			
		Section 6(f)			
	X	Determination Request Form			
	$\boxtimes$	Individual Section 4(f) Evaluation			
	$\boxtimes$	Section 6(f) Documentation			
Ecologic	al Res	ources			
		Ecological Exempt Form (*) – use EnviroNet Tab			
		Level 1 Ecological Survey Reports - use EnviroNet Tab	Consultant		
	$\boxtimes$	Level 2 Ecological Survey Reports - use EnviroNet Tab			
	$\boxtimes$	Level 3 Ecological Survey Reports			
	$\boxtimes$	UNIONID Mussel Survey Report			
	$\boxtimes$	Biological Assessment			
	×	Coastal Zone Management			
G 1 G		10			
Sole Sou	irce A	<u>quiter</u> Sole Source Aquifer Coordination			
	E.M	Suc Source Aquiter Coordination			
Farmlar	ıd Poli	cy Protection Act (FPPA)			
	$\boxtimes$	Farmland Conversion Impact Rating-Form			
Water	au D				
Waterw ⊠	ay Per	mits Permit Determination Request Package	Consultant		
	$\boxtimes$	Conceptual Stream/Wetland Mitigation Reports	Consultant		
		Section 404/401 Applications			
		USACE Pre-Construction Notification (PCN) Applications	If Authorized		
		Ohio EPA Isolated Wetland Permit Pre-Activity			
	$\boxtimes$	Notification (PAN)			
	$\boxtimes$	Coastguard Section 9 Application			
	$\boxtimes$	ACOE Section 10 Permit			
$\boxtimes$		Flood Plain Statement Form			
$\boxtimes$		Flood Plain Permit Application	Consultant		

Required   Note: (*) - prequalified	consultan	t is N	OT required	Responsibility/Notes
Environmental Site Assessment			× 442	
<ul><li>✓ □ Regulated Materials Sc</li><li>✓ □ RMR Assessment</li></ul>	reening (I	RMR	) (*)	Consultant If Authorized
				If Authorized
✓				Consultant
Noise				
☐ ☑ Traffic Noise Analysis I		. 0		
☐ ⊠ Noise Barrier Public In	volvemen	t Sun	ımary	
Underserved Populations				
☐ ☑ Underserved Population	ns Outrea	ch		
□ ⊠ Underserved Population	ns Impact	Anal	lysis Report	
Public Involvement Activities				
□ ⊠ Public Involvement Pla	n			Consultant; Press release on LCE website with 30-day
□ Public Involvement Act	ivities			comment period, as recommend by ODOT
F. Right-of-Way				
	Yes	No	Remarks	
Right-of-Way Plan:		X	Construction ca	nn be performed within the existing 60' R/W
				,
Approximate Number of Parcels		<b>N</b>		
Known Relocations:		X		
Railroad Involvement:		$\boxtimes$		
Railroad Name:				
Encroachments:		X		
Airway Highway Clearance:		$\boxtimes$		
A				
				· · · · · · · · · · · · · · · · · · ·
Comments:				

Note: Provide a footprint of proposed and existing right of way limits as soon as available to the District Environmental Coordinator and District Real Estate Administrator.

Caution: Environmental needs to be clear prior to the beginning of right of way acquisition. A Local Public Agency, utilizing their own monies, assumes many risks by proceeding with acquisition prior to environmental being cleared. These risks include purchasing r/w that may never be used for the project and purchasing a site that contains the need for a hazardous waste cleanup.

G.	G. Utilities										
		Yes	<u>No</u>	Name o	f Comp	any	_				
	Phone	$\boxtimes$		AT&T							
Aerial	Cablevision	$\boxtimes$		Charter	Charter Communication						
4	Power	$\boxtimes$		Paines	ville Ele	ectric	: & F	First Energy			
	Phone			_							
	Cablevision										
	Power										
pun	Gas	$\boxtimes$		Domini	on Ene	ergy (	Ohic	& Northeast Ohio Gas			
Underground	Pipelines:										
Und				Private	Public	Nar	me o	f Company			
	Water	X			×	Lak	Lake County Department of Utilities				
	Sanitary	$\boxtimes$			$\boxtimes$	Lak	ke C	ounty Department of Utilities			
	Storm	$\boxtimes$				Pai	ines	ville Township			
Othe	er:										
Com	ments:										
H. (	Geotechnical										
	Yes No Remarks										
	e Pavement Co eotechnical De				)		$\boxtimes$				
(identi	ify: full depth pave work, retaining w	ment rep	lacem	ent/widening	,	$\boxtimes$		Scope of the Geotechnical Design required will be			
prov	provided by the design consultant.										

Note (\*\*) – If Geotechnical Design is necessary, fully utilize historic geotechnical information; perform subsurface exploration in accordance with the Specifications for Geotechnical Explorations; and perform geotechnical design in accordance with the Geotechnical Design Manual.

I. Str	ucture Requiremen	its
	Structure type:	Timber 2 cell
ture 1:	Bridge No.:	Structural File No.: <u>4345908</u>
Existing Structure Information:	Sufficiency Rating:	General Appraisal: 3
ing S form	Crossing:	Red Creek
Exist	Bridge Length:	27 feet Number of Spans: 2
	Eligible for the Nat	ional Historical Register: ☐ Yes ⊠ No
on:	New Structure	Yes No ng Bridge
Proposed Structure Information:	by:	
nfor	Structure Type: <u>T</u>	BD
ure l	Beam Type:	☐ Concrete Box; ☐ Steel; ☐ n/a
ruct	Structure Width:Other Design Cons	36 feet Number of Spans: 1
ed St		nge in Line/Grade: Minimal to meet design criteria for loading and waterway
sodo	opening	
Pr		
	Guardrail Type: Mo	GS / TST or SBR
J. Des	sign Exception(s) R	equired
	☐ Yes Explain: _	
	⊠ No	

K. Traffic Co	ntrol		
	<u>Yes</u>	No	Remarks
Signing:			
Striping:	$\boxtimes$		
Lighting:		$\boxtimes$	
Signals (***):		$\boxtimes$	
RPMs:		$\boxtimes$	
Note (***)			are "Yes" complete the Traffic Signal Scope Form.
Type of MOT:	×	Deto	our,   Part Width,   Daily Flagging
Remarks/Descr	ibe:	State	e Route 535 to US 20
Will Pedestrian	Traff	ic nee	ed to be maintained? No
Remarks/Descr	ibe:		
M. Driveways			
⊠ Yes □ No	Туре:	C	Gravel with asphalt apron

N. Project Funding		
Project Cost Estimate: (Sponsors are responsible for TIP/STIP coordination)	\$1,143	3,200
Quantity splits needed in plans to differentiate funding participation:	☐ Yes ⊠ No	Comments:
Coordination with Concurrent	☐ Yes	Comments:
Projects Required:	⊠ No	

#### **Cost Estimates:**

	Total Federal or State <u>Funds</u>	Pero Sp	cent lit	Total Local Funds	<u>Perc</u> Spl	
Preliminary						
Engineering (PE)	\$ 120,000	80	%	\$ 30,000	20	%
Right-of-Way (RW)						
	\$		%	\$		%
Utilities						_
	\$		%	\$		%
Construction (CO)						_
	\$ 721,600	80	%	\$ 180,400	20	%
Construction						_
Engineering (CE)				0.0000	400	
(use <u>xx</u> %)	\$		%	\$ 90,200	100	%
Total	\$ <i>841,600</i>	74	%	\$ 301,600	26	%

Additional remarks about funding: \$1,007,840 Federal Max (at 80%)

Project Cap \$1,259,800 (design and construction)

#### O. Roles/Responsibilities

Note: Consultants used for development of Construction plans, R/W plans, R/W acquisition/appraisals, and Construction inspection must be pre-qualified by ODOT.

Construction Plan Development: **ODOT Prequalified Consultant** 

Proposal/Specification Development: LCE / ODOT Prequalified Consultant

ODOT/LCE

LPA Agreement:

Form and Preliminary Legislation:	ODOT (if ODO	T Let)						
Advertising and Award of Contrac	et: LCE	LCE						
Construction Inspection:	LCE	LCE						
R/W Plan Development:	N/A							
R/W Acquisition / Appraisals:	N/A							
Utility Relocation:	Utility Compani	es as required						
Other:								
P. Field Review								
Representatives Present:		Date:						
Name	Company	Phone / E-mail						
			-					

## Q. Commitment Dates

ODOT-L	et 🛛 Local-	Let $\square$	Reservoir
ODOT-L	et 🛛 Local-	Let $\square$	Reservoi

Activity	Milestone Date
Authorization to Proceed	August 2023
Structure Type Study	January 2024
Stage 1 Submitted for Review (Allow ODOT 30 days for review)	January 2024
Environmental Documentation Submitted in EnviroNet	January 2024
Stage 2 Submitted for Review (includes Preliminary R/W Plans)	March 2024
Environmental Document Approved	March 2024
R/W Plans Approved – or – R/W Plans Not Required ("N/A")	N/A
Stage 3 Submitted for Review (includes Bid Document and Estimate) (Allow ODOT 30 days for review)	July 2024
Final Tracings – or – PS&E Package to District (includes Final Plans, Bid Document and Estimate)	September 2024
R/W and Utility Clearance by District (District certifies clearance to FHWA. LPA should certify to the District one (1) month before this date.)	October 2024
Plan Package to C. O. (File Date)	October 2024
(For Local Let projects, allow 45 days to Sale Date which includes processing the request for Authorization and three (3) weeks minimum for advertising. For ODOT Let projects, the sale and award will be determined by Central Office per ODOT's letting schedule which is typically a 12 week process.)	
Sale Date (Bid Opening Date)	November 2024
Award Date (LPA should submit a summary of bid tabs and the identity of the awarded contractor to the District no later than one (1) week after the award.)	January 2025
Estimated Begin Construction	March 2025
Estimated End Construction	October 2025

### Other due dates of interest:

- LPA certifies R/W and utility clearance to the District
- LPA submits bid results (award package) to District

## **Project Schedule Approval:**