

Solicitation Scope Of Service - DETAILS REPORT

Transportation Region/Bureau: Bureau of Structures

Solicitation ID: BOS-01

Solicitation Month and Year: February 2022

Solicitation Type(Roster/Open): Open

Anticipated Construction Cost: N/A

NOI Due Date: 02/16/2022

Anticipated Project Start Date: 04/01/2022

Anticipated Project Completion Date: 06/30/2023

Master Group Id: February 2022 Moveable Bridge and Asset Management Services

Master Group Type: Bridge Inspection

PROJECT PURPOSE AND NEED

Provide inspection, asset management, and design services involving structural, mechanical, and electrical systems for movable bridges in Wisconsin.

PROJECT DESCRIPTION

Perform structural, electrical, and mechanical inspections of movable bridge structures, along with NDT and other testing as needed to complete inspections and assessments of components. Operational testing will be included in the inspection of mechanical, electrical, and hydraulic systems as appropriate. Develop asset management plans and repair prioritization for the movable bridge inventory. Assist updating manuals, providing analysis, developing retrofit details, or providing policy guidance for the movable bridge program.

SCHEDULE FOR DELIVERABLES

Schedule Item	Due Date
To be determined in each work order	

DEPARTMENT PROVIDES

Items
List of structures for inspections & asset management plans
Plans, As-Builts, Shop drawings, design calculations
Previous inspection reports
Closure of bridge to vehicular traffic, as required
Underbridge inspection unit for hands-on portion of inspect

Consultant Requirements (Listed in approximate order of importance) :

Consultants Requirements
Expertise in the design, analysis, construction, and maintenance of movable bridge structures
Expertise in structural inspections for movable bridges
Expertise in mechanical inspections for movable bridges
Expertise in electrical inspections for movable bridges
Expertise in movable bridge hydraulics
Expertise in testing of movable bridge components
Experience troubleshooting operational issues regarding movable structures, including designing repair details and plans for faulty, damaged, or deteriorated bridge components
Experience in providing rehabilitation options and service life extension plans for movable bridge structures
Experience with development of asset management plans for movable bridges
Certifications and licensures that are relevant to inspection of complex components of movable bridges
Experience providing inspection procedures along with quality control and safety plans
Familiarity with the National Electric Code (NEC) for electrical inspections
Knowledge of instrumentation and health monitoring of structures

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Special Skills/Certification License (Listed in approximate order of importance) :

Special Skills Certification License

Provide minimum (2) NHI qualified inspection team leads for inspection projects

Structural inspections must be completed by a professional engineer and that person must be onsite during the inspection

Electrical and Mechanical inspections must be performed by qualified professional engineers specializing in those specific disciplines and be onsite during the inspection

Any deficiencies discovered during the inspection, or subsequent analysis, which pose an imminent or actual danger to the public must be reported to WisDOT within 24 hours of discovery

NDE must be completed under an ASNT Level II in the NDE being performed

Certified Weld Inspectors should be available for in-depth inspections, as determined by the Department

Basis of Payment

The Basis of Payment will be one or more of the following:

Lump Sum

Specific Rate

Cost Per Unit

Actual Cost Plus Fixed Fee

Basis of Payment Notification

Basis of Payment Notification

The contract price will be based on an estimate of the selected consultant's actual costs plus fixed fee. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR).

Consultant costs including indirect cost rates and cost accounting system will be subject to audit. Consultant firms that are unable to account for costs consistent with requirements of the FAR are not eligible to contract. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rgistr/fncl-rpt.aspx>.

Advertised Fixed Fee %: 7.50

Fixed Fee Notification

Fixed Fee Notification

The fixed fee for this contract will apply an indirect cost factor of 150% to the consultant's estimated direct labor, regardless of the consultant's actual indirect rate.

DBE goal on project: No

DBE goal: DBE goal in \$ 0.00

Notification pertaining to N/A

DBE goals:

Special Instructions: Do not include any information that meets the definition of "trade secret" as that term is defined in s. 134.90(1)(c), Wis. Stats.

Interview: Interviews will not be conducted

Interview Information:

Interview Date:

Interview Place:

Name	Email
No records to display	

Other Information:

Solicitation Scope Of Service - DETAILS REPORT

Transportation Region/Bureau: Bureau of Structures

Solicitation ID: BOS-02

Solicitation Month and Year: February 2022

Solicitation Type(Roster/Open): Open

Anticipated Construction Cost: N/A

NOI Due Date: 02/16/2022

Anticipated Project Start Date: 07/01/2022

Anticipated Project Completion Date: 06/30/2024

Master Group Id: February 2022 Complex Structural Analysis

Master Group Type: Complex Structural Analysis, Evaluation, Rating, and Bridge Management

PROJECT PURPOSE AND NEED

Additional assistance is needed to perform complex structural analysis and other structure management activities.

PROJECT DESCRIPTION

Perform bridge ratings and perform special projects to analyze existing structures for load carrying capacity. Analysis projects consist of highly complex analysis situations and partial structural system evaluations. Maintain manuals, in-house structural engineering computer applications, asset management systems and program management. Collect bridge field data with Unmanned Aerial System (UAS). Provide drafting assistance converting bridge standards to AutoCAD.

Analysis may use finite element models of complex structures and may include structure monitoring or model building from in-field data.

Applications including structures software independent validation, producing structures program algorithms and MathCAD sheets; and asset management systems.

SCHEDULE FOR DELIVERABLES

Schedule Item	Due Date
To be determined in each work order	

DEPARTMENT PROVIDES

Items
Internal computer software may be provided if needed

Consultant Requirements (Listed in approximate order of importance) :

Consultants Requirements
Experience in bridge rating and structural analysis
Experience in finite element modeling
Experience with complex structural design and rating
Trouble shooting construction issues including design and repair details and plans of damaged or deteriorated bridge components
Instrumentation and monitoring of structures
Knowledge of the Department's Structures (Bridge) Manual including ability to work in AutoCAD
Ability to design and rate structures in LRFD and LRFR
Experience with complex structural design and structure types, such as curved structural steel tub girders
Experience in structural software lifecycle development, production, testing, verification, and maintenance.
Experience with Bridge Inspection and Bridge Management information.
Experience with the use of Unmanned Aerial System (UAS)

Special Skills/Certification License (Listed in approximate order of importance) :

Special Skills Certification License
Experience with structural design and rating of complex structures including curved bridges
Previous complex structural analysis
Three Dimensional Finite element analysis of bridge systems
Experience with bridge girder erection sequencing and procedures
Experience with bridge design and rating with AASHTO LRFD and LRFR
Experience with FHWA National Bridge Inventory System as related to In-service Bridge Inspections.
Experience with computer languages used in structural engineering software applications (C#, FORTRAN, and Java).
Experience with the use of Unmanned Aerial System (UAS) including agency coordination, operations, and UAS data post processing and management.

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Basis of Payment

The Basis of Payment will be one or more of the following:

Lump Sum
Specific Rate
Cost Per Unit
Actual Cost Plus Fixed Fee

Basis of Payment Notification

Basis of Payment Notification

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Advertised Fixed Fee %: 7.50

Fixed Fee Notification

Fixed Fee Notification

The fixed fee for this contract will apply an indirect cost factor of 150% to the consultant's estimated direct labor, regardless of the consultant's actual indirect rate.

DBE goal on project: No

DBE goal: DBE goal in \$ 0.00

Notification pertaining to N/A

DBE goals:

Special Instructions: A firm does not have to provide all services. In your response to question #6, please CLEARLY identify which services you are going to provide from those listed in "Project Purpose and Need." Do not include any information that meets the definition of "trade secret" as that term is defined in s. 134.90(1)(c), Wis. Stats.

Interview: Interviews will not be conducted

Interview Information:

Interview Date:

Interview Place:

Name	Email
No records to display	

Other Information:

Solicitation Scope Of Service - DETAILS REPORT

Transportation Region/Bureau: Bureau of Traffic Operations

Solicitation ID: BTO-01

Solicitation Month and Year: February 2022

Solicitation Type(Roster/Open): Open

Anticipated Construction Cost: N/A

NOI Due Date: 02/16/2022

Anticipated Project Start Date: 03/25/2022

Anticipated Project Completion Date: 03/24/2023

PROJECT ID(S)

Project ID	Project Name	Route	County	Limit
0072-40-35	Traffic Engineering Support	N/A	State Wide	Statewide

PROJECT PURPOSE AND NEED

Assistance is needed for multiple Bureau of Traffic Operations program areas.

PROJECT DESCRIPTION

Provide an on-site full-time engineer (minimum 3 years traffic engineering experience) to act as an extension of WisDOT staff located in the Madison or Milwaukee office with remote work possible to support work zone, signing and marking, and safety programs.

Tasks include: collecting and analyzing traffic data, support program areas in the development of tech talks, update BTO documents and web sites, complete LCS documentation and training materials, support smart work zone implementation and support the ITS, electrical and signal programs.

SCHEDULE FOR DELIVERABLES

Schedule Item	Due Date
Summary of data including analyses	
Project reviews/comments	
Summary of research findings	

DEPARTMENT PROVIDES

Items

PC and equipment need for all tasks

Consultant Requirements (Listed in approximate order of importance) :

Consultants Requirements

Extensive and varied traffic engineering experience

Thorough knowledge of the WisDOT TEOpS manual and the WMUTCD

Thorough knowledge of traffic data collection and analysis practices

Knowledge of WisDOT web based resources

Knowledge of SharePoint and web site editing

Special Skills/Certification License (Listed in approximate order of importance) :

Special Skills Certification License

Professional Engineer

Basis of Payment

The Basis of Payment will be one or more of the following:

Lump Sum

Specific Rate

Cost Per Unit

Actual Cost Plus Fixed Fee

Solicitation Scope Of Service - DETAILS REPORT

Basis of Payment Notification

Basis of Payment Notification

The contract price will be based on the selected consultant's actual costs plus fixed fee. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR).

Consultant costs including indirect cost rates and cost accounting system will be subject to audit. Consultant firms that are unable to account for costs consistent with requirements of the FAR are not eligible to contract. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rgistr/fncl-rpt.aspx>.

Selected consultants will be required to apply field rate accounting consistent with FDM 8-10-20. If the selected consultant does not currently have field office accounting in place, the consultant will have the option of negotiating a field office rate that will act as an indirect cost ceiling for the contract in lieu of implementing field office accounting.

Advertised Fixed Fee %: 7.00

Fixed Fee Notification

Fixed Fee Notification

The fixed fee for this contract will apply an indirect cost factor of 150% to the consultant's estimated direct labor, regardless of the consultant's actual indirect rate.

DBE goal on project: No

DBE goal: DBE goal in \$ 0.00

Disadvantaged Business Enterprise (DBE) Subcontracting goal on this solicitation will be

Project	DBE Goal in \$/%
No records to display	

Notification pertaining to N/A

DBE goals:

Special Instructions: The Department will negotiate a one-year contract with an option of another two consecutive one-year renewals. Do not include any information that meets the definition of "trade secret" as that term is defined in s. 134.90(1)(c), Wis. Stats.

Interview: Interviews will not be conducted

Interview Information:

Interview Date:

Interview Place:

Name	Email
No records to display	

Other Information:

Solicitation Scope Of Service - DETAILS REPORT

Transportation Region/Bureau: Bureau of Traffic Operations

Solicitation ID: BTO-02

Solicitation Month and Year: February 2022

Solicitation Type(Roster/Open): Open

Anticipated Construction Cost: N/A

NOI Due Date: 02/16/2022

Anticipated Project Start Date: 07/01/2022

Anticipated Project Completion Date: 06/30/2023

PROJECT ID(S)

Project ID	Project Name	Route	County	Limit
1009-03-64	SYSTEMS OPERATIONS	VAR HWY	72 - Menominee County	JV CONTRACT(S)

PROJECT PURPOSE AND NEED

Assistance is needed Intelligent Transportation System (ITS) design and operations.

PROJECT DESCRIPTION

Provide one on-site full-time engineer (at least 10 years experience) to act as an extension of WisDOT staff located at the Traffic Management Center (TMC) in Milwaukee, WI with anticipated remote work to assist in the development and review of ITS plans for upcoming highway improvement projects.

Tasks include: development and review of plans, specifications, and estimates for ITS facilities in all WisDOT Transportation Regions as part of larger highway improvement projects.

SCHEDULE FOR DELIVERABLES

Schedule Item	Due Date
PS&E package	
Utility coordination including 1078 plan submittals	
Update traveler information systems and ITS devices	
Trans 220 coordination	
Support General BTO Meetings.	
Specialty and complex ITS services	
Ramp metering	
Provide project management support as necessary.	
Perform ITS design, maintenance and support	
ITS System integration	
ITS Project and System delivery.	
ITS communication infrastructure design and management	
Electrical service applications for ITS installations	
Development of request for proposals	

DEPARTMENT PROVIDES

Items
Access to project related documents/plans
Base mapping
Project Schedule
Project Location map
As built plans

Solicitation Scope Of Service - DETAILS REPORT

Consultant Requirements (Listed in approximate order of importance) :

Consultants Requirements

Knowledge of the MUTCD, WisDOT MUTCD Supplement, and TGM.

Expertise in preparing and reviewing Electrical, ITS, and Traffic Work Zone staging plans.

Intelligent Transportation Systems design and policy

ITS Traffic Incident Management

Experience with Civil3D, required design software for all project design activities

ITS infrastructure asset management and monitoring

Experience with FDM design standards, WisDOT bridge Manual and the PSE process

Experience with Trans 220 utility coordination process

Experience completing the PS&E process as described in WisDOT FDM.

Full knowledge of MicroStation, SignCAD and Civil 3D software.

Have worked on WisDOT Projects in last 5 years

Special Skills/Certification License (Listed in approximate order of importance) :

Special Skills Certification License

Professional Engineer

Basis of Payment

The Basis of Payment will be one or more of the following:

Specific Rate

Lump Sum

Cost Per Unit

Actual Cost Plus Fixed Fee

Basis of Payment Notification

Basis of Payment Notification

The contract price will be based on the selected consultant's actual costs plus fixed fee. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR).

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Selected consultants will be required to apply field rate accounting consistent with FDM 8-10-20. If the selected consultant does not currently have field office accounting in place, the consultant will have the option of negotiating a field office rate that will act as an indirect cost ceiling for the contract in lieu of implementing field office accounting.

There will be a redistribution contract with invoices allocating actual costs to individual WisDOT project IDs.

Advertised Fixed Fee %: 7.00

Fixed Fee Notification

Fixed Fee Notification

The fixed fee for this contract will apply an indirect cost factor of 150% to the consultant's estimated direct labor, regardless of the consultant's actual indirect rate.

DBE goal on project: No

DBE goal: DBE goal in \$ 0.00

Disadvantaged Business Enterprise (DBE) Subcontracting goal on this solicitation will be

Project	DBE Goal in %
No records to display	

Notification pertaining to DBE goals: N/A

Special Instructions: The Department will negotiate a one-year contract with an option of another two consecutive one-year renewals. Do not include any information that meets the definition of "trade secret" as that term is defined in s. 134.90(1)(c), Wis. Stats.

Solicitation Scope Of Service - DETAILS REPORT

Interview: Interviews will not be conducted

Interview Information:

Interview Date:

Interview Place:

Name	Email
No records to display	

Other Information:

Solicitation Scope Of Service - DETAILS REPORT

Transportation Region/Bureau: Bureau of Traffic Operations

Solicitation ID: BTO-03

Solicitation Month and Year: February 2022

Solicitation Type(Roster/Open): Roster

Anticipated Construction Cost: N/A

NOI Due Date: 02/16/2022

Anticipated Project Start Date: 04/01/2022

Anticipated Project Completion Date: 03/31/2023

PROJECT ID(S)

Project ID	Project Name	Route	County	Limit
0656-43-20	Work Zone Signing	N/A	86 - State Wide	Statewide

PROJECT PURPOSE AND NEED

Assistance is needed with the review of work zones, signing and marking, and construction administration.

PROJECT DESCRIPTION

Provide one part-time design/construction engineer (minimum 2 years experience) 26 - 34 hours per week to act as an extension of WisDOT staff to perform plan reviews of work zones, permanent signing and pavement marking, field reviews of work zones, and construction administration for field inspections of work zone traffic control and statewide Type I signing projects.

SCHEDULE FOR DELIVERABLES

Schedule Item	Due Date
Scheduled through term of contract	

DEPARTMENT PROVIDES

Items

Access to Prior Plans

Related Asset Management Inventory

Technical Advisory Groups

Consultant Requirements (Listed in approximate order of importance) :

Consultants Requirements

Knowledge of WisDOT Permanent Signing, Pavement Marking and Work Zone Plan Development

Knowledge of WisDOT's Facilities Development Manual

Knowledge of the WisMUTCD and TEOpS Manuals

Knowledge of AASHTOWare software

Valid Wisconsin Drivers License

Special Skills/Certification License (Listed in approximate order of importance) :

Special Skills Certification License

Expertise in the area of Traffic Engineering

Basis of Payment

The Basis of Payment will be one or more of the following:

Lump Sum

Specific Rate

Cost Per Unit

Actual Cost Plus Fixed Fee

Solicitation Scope Of Service - DETAILS REPORT

Basis of Payment Notification

Basis of Payment Notification

The contract price will be based on an estimate of the selected consultant's actual costs plus fixed fee. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR).

Consultant costs including indirect cost rates and cost accounting system will be subject to audit. Consultant firms that are unable to account for costs consistent with requirements of the FAR are not eligible to contract. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rgistr/fncl-rpt.aspx>.

Selected consultants will be required to apply field rate accounting consistent with FDM 8-10-20. If the selected consultant does not currently have field office accounting in place, the consultant will have the option of negotiating a field office rate that will act as an indirect cost ceiling for the contract in lieu of implementing field office accounting.

Advertised Fixed Fee %: 7.25

Fixed Fee Notification

Fixed Fee Notification

The fixed fee for this contract will apply an indirect cost factor of 150% to the consultant's estimated direct labor, regardless of the consultant's actual indirect rate.

DBE goal on project: No

DBE goal: DBE goal in \$ 0.00

Disadvantaged Business Enterprise (DBE) Subcontracting goal on this solicitation will be

Project	DBE Goal in \$/%
No records to display	

Notification pertaining to DBE goals: N/A

Special Instructions: The Department will negotiate 1 one-year contract with the option for 2 one-year renewals. Do not include any information that meets the definition of "trade secret" as that term is defined in s. 134.90(1)(c), Wis. Stats.

Interview: Interviews will not be conducted

Interview Information:

Interview Date:

Interview Place:

Name	Email
No records to display	

Other Information:

Solicitation Scope Of Service - DETAILS REPORT

Transportation Region/Bureau: Bureau of Technical Services

Solicitation ID: BTS-01

Solicitation Month and Year: February 2022

Solicitation Type(Roster/Open): Open

Anticipated Construction Cost: N/A

NOI Due Date: 02/16/2022

Anticipated Project Start Date: 07/01/2022

Anticipated Project Completion Date: 06/30/2024

Master Group Id: February 2022 In-Plant QV Inspection at
Prestress Plants

Master Group Type: Prestressed Girder
Inspection

PROJECT PURPOSE AND NEED

In plant inspection of prestressed concrete items is needed.

PROJECT DESCRIPTION

Inspect prestressed concrete including bridge girders, bridge substructure components, deck panels, wall panels and other items.

Selected consultants will be assigned to one or more primary inspection locations. Consultants may be requested to provide inspection services at additional locations. Currently anticipated locations include Burlington, Janesville, Roberts and Valders in Wisconsin; additional locations in Wisconsin and nearby states may be included.

SCHEDULE FOR DELIVERABLES

Schedule Item	Due Date
Perform daily inspection of critical fabrication processes	
Monitor required QC records	
Submit weekly summary report to BTS and Region contacts	
Provide other miscellaneous reporting as requested	

DEPARTMENT PROVIDES

Items
Shop drawings
WisDOT Prestress Plant Certification Program documents
Prestress Product Inspection Job Guide
Feedback and performance monitoring
Project specific contract documents and plans(thru producer)
WisDOT Standard Specifications for Highway & Structure Const
WisDOT Construction & Materials Manual

Consultant Requirements (Listed in approximate order of importance) :

Consultants Requirements
Ability to provide these inspection and engineering services on a regular basis at one or more of the prestress plant locations that provide products for WisDOT projects
Ability to provide these inspection and engineering services at additional locations on an intermittent as-needed basis
Familiarity with WisDOT design criteria and Standard Specifications for Highway and Structure Construction
Appropriate usage of consultant provided PPE and safety equipment
A PCI Level II certified inspector for all on-site inspection of prestressed products
Availability of a back-up PCI Level II certified inspector to cover absences

Special Skills/Certification License (Listed in approximate order of importance) :

Special Skills Certification License
Ability to read and understand WisDOT specifications and guidelines
Ability to provide and operate a digital camera to document product defects and incorporate photos into weekly reports
Ability to provide and operate a laptop computer, prepare spreadsheets for weekly reports and and e-mail correspondence as needed

Solicitation Scope Of Service - DETAILS REPORT

Basis of Payment

The Basis of Payment will be one or more of the following:

Specific Rate

Lump Sum

Cost Per Unit

Actual Cost Plus Fixed Fee

Basis of Payment Notification

Basis of Payment Notification

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Advertised Fixed Fee %: 7.25

Fixed Fee Notification

Fixed Fee Notification

The fixed fee for this contract will apply an indirect cost factor of 150% to the consultant's estimated direct labor, regardless of the consultant's actual indirect rate.

DBE goal on project: No

DBE goal: DBE goal in \$ 0.00

Notification pertaining to DBE goals: N/A

Special Instructions: Do not include any information that meets the definition of "trade secret" as that term is defined in s. 134.90(1)(c), Wis. Stats.

Interview: Interviews will not be conducted

Interview Information:

Interview Date:

Interview Place:

Name	Email
No records to display	

Other Information:

Solicitation Scope Of Service - DETAILS REPORT

Transportation Region/Bureau: Bureau of Technical Services

Solicitation ID: BTS-02

Solicitation Month and Year: February 2022

Solicitation Type(Roster/Open): Open

Anticipated Construction Cost: N/A

NOI Due Date: 02/16/2022

Anticipated Project Start Date: 04/01/2022

Anticipated Project Completion Date: 06/30/2023

Master Group Id: February 2022 FWD/GPR/Friction Data
Collection/Analysis

Master Group Type: Falling Weight Deflectometer
Data Analysis

PROJECT PURPOSE AND NEED

Falling Weight Deflectometer (FWD) and Ground Penetrating Radar (GPR) data collection and analysis is needed to determine pavement structure.

PROJECT DESCRIPTION

Collect/analyze (FWD) and (GPR) pavement data to evaluate in-situ pavement structure layers; including the pavement, base, sub-base, and subgrade. Collect/analyze pavement core data to calibrate GPR/FWD data. Collect/analyze pavement friction data to determine skid resistance.

FWD tasks: Estimate material structural capacity, remaining pavement life, load limit restrictions; determine load transfer of concrete pavement joints; detect voids under concrete slabs.

GPR tasks: Data collection at highway speeds; real time layer thickness information.

Pavement coring tasks: layout and collect pavement cores as directed to calibrate FWD/GPR data analysis and obtain measured thickness of pavement layers.

Perform FWD/GPR profiling and/or required back-calculations/analysis of FWD/GPR data. Traffic control for field data collection.

Friction testing in accordance with ASTM E274. Collect friction data over entire length of segments.

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SCHEDULE FOR DELIVERABLES

Schedule Item	Due Date
FWD testing in accordance with FHWA LTPP Manual	
• Site Identification	
• Time	
• Pavement Condition	
• Wheel Path	
• Sensor Spacing	
• Load size	
• Drop sequencing	
• Deflection Data	
Calculations/analysis of raw FWD and pavement data	
• Effective Structural Number	
• In-situ Elastic Moduli of Pavement Layer Materials	
• Subgrade Resilient Modulus	
• Composite Modulus of Subgrade Reaction (K-value)	
• Joint/Crack Load Transfer	
• Void Detection	
• Mechanistic Analysis	
• Remaining Life or Condition Factor	
• Estimated Depth to Bedrock	
• Other pavement layer analysis as requested by WISDOT	
GPR profile accordance w/FHWA/TX-07/0-5123-2 or equiv. meth.	
Analyze/interpret GPR data-determine matr'l layer thickness	
Reports summarizing computations, methods, and results	
Friction Testing:	
• Report summarizing procedures and equipment used	
• Include all raw data collected w/corresponding test speed	
• Convert friction test results to SN40 values	
• Complete testing and submit data as a map-KMZ preferred	

DEPARTMENT PROVIDES

Items
Layout and location of roadway cores/borings
Layout, details, and limits of testing
For WISDOT FWD data:
• Site Identification
• Time
• Pavement Condition
• Wheel Path
• Sensor Spacing
• Load size
• Drop sequencing
• Deflection Data
Pavement layer thicknesses from GPR data

Solicitation Scope Of Service - DETAILS REPORT

Consultant Requirements (Listed in approximate order of importance) :

Consultants Requirements

Knowledge and experience in concrete and asphalt pavement construction and design.

Understanding of Wisconsin DOT Pavement Survey Procedures.

Friction Testing:

- Test accordance with ASTM E274

- Test with standard ribbed tire conforming to ASTM E501

- Test in left wheel path at 40 mph when possible

- Previous friction testing according to ASTM E274, "Standard Test Method for Skid Resistance of Paved Surfaces Using a Full-Scale Tire" under simulated wet pavement conditions.

- Test Milwaukee County 9:30 a.m.-3:30 p.m.

- Experience converting friction data to SN40 values using speed gradients, if needed.

Special Skills/Certification License (Listed in approximate order of importance) :

Special Skills Certification License

Training and experience with FWD and GPR field data collection equipment and procedures.

Training and experience with FWD and GPR calculation, analysis, and interpretation techniques and associated software.

Knowledge and experience in incorporating FWD and GPR data into pavement design.

Basis of Payment

The Basis of Payment will be one or more of the following:

Lump Sum

Specific Rate

Cost Per Unit

Actual Cost Plus Fixed Fee

Basis of Payment Notification

Basis of Payment Notification

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Advertised Fixed Fee %: 7.25

Fixed Fee Notification

Fixed Fee Notification

The fixed fee for this contract will apply an indirect cost factor of 150% to the consultant's estimated direct labor, regardless of the consultant's actual indirect rate.

DBE goal on project: No

DBE goal: DBE goal in \$ 0.00

Notification pertaining to N/A

DBE goals:

Special Instructions: Do not include any information that meets the definition of "trade secret" as that term is defined in s. 134.90(1)(c), Wis. Stats.

Interview: Interviews will not be conducted

Interview Information:

Interview Date:

Interview Place:

Name	Email
No records to display	

Other Information:

Solicitation Scope Of Service - DETAILS REPORT

Transportation Region/Bureau: Bureau of Technical Services

Solicitation ID: BTS-03

Solicitation Month and Year: February 2022

Solicitation Type(Roster/Open): Open

Anticipated Construction Cost: N/A

NOI Due Date: 02/16/2022

Anticipated Project Start Date: 04/01/2022

Anticipated Project Completion Date: 03/31/2024

Master Group Id: February 2022 Geodetic Services

Master Group Type: Geodetic Services

PROJECT PURPOSE AND NEED

Assist WisDOT with geodetic services to support the Wisconsin Height Modernization Program.

PROJECT DESCRIPTION

Geodetic services include static GNSS observations, WISCORS construction/maintenance, geodetic leveling, technical activities, geodetic survey control station construction and other geodetic services as needed and directed by WisDOT.

SCHEDULE FOR DELIVERABLES

Schedule Item	Due Date
To be identified and specified in each work order.	

DEPARTMENT PROVIDES

Items
The scope of specific project information and materials.

Consultant Requirements (Listed in approximate order of importance) :

Consultants Requirements
Knowledge and skills to operate static GNSS surveying equipment and software for acquiring, processing and analyzing observational data.
Knowledge and ability to install a Wisconsin Continuously Operating Reference Station (WISCORS) shallow driven, braced monument (SDBM).
Knowledge and skills to operate and maintain precise digital levels, invar rods and related software for acquiring, processing and analyzing leveling data.
Knowledge and ability to perform advanced analysis of horizontal and vertical geodetic survey adjustments.
Knowledge and ability to submit observational data to the National Spatial Reference System (NSRS) via National Geodetic Survey (NGS) Online Positioning User Service (OPUS) Share.
Knowledge and ability to submit observational data to the NSRS via NGS OPUS Projects including the ability to create an NGS Survey Project Proposal/Tracking Number.
Knowledge and ability to submit observational data to the NSRS via NGS "bluebook" process.
Knowledge of space and physical geometric positioning with various functions of the transportation improvement projects.
Knowledge of WisDOT and Federal Geodetic Control Subcommittee (FGCS) geodetic control survey standards and specifications including WisDOT Facilities Development Manual (FDM) – Chapter 9.
Knowledge and ability to perform real-time network (RTN) surveys.
Knowledge of the hardware, firmware and software associated with physical and space positioning techniques.
Provide all equipment and supplies needed to perform specified tasks.
Obtain permission to travel across land by other than the owner of the land at the location of a geodetic survey control station(s).
Knowledge and ability to construct a geodetic survey control station.
Arrange for identifying any underground obstructions in the proposed construction area by contacting Diggers Hotline and others that have facility utilities in the proposed construction area.
Knowledge to develop a station description or station recovery note or both for each station according to NGS and WisDOT guidelines.
Notify and coordinate accessibility to station(s) with an airport manager or appointed representative prior to entering airport facilities including any area within the airport property boundaries.

Special Skills/Certification License (Listed in approximate order of importance) :

Special Skills Certification License
Ability to perform complex field and office activities of geodetic surveys.
Ability to develop and provide innovative ways to accelerate geodetic survey activities.
Ability to analyze geodetic survey methods/techniques/products and provide appropriate recommendations.
Ability to assist in development of geodetic survey guidance and policy.

Solicitation Scope Of Service - DETAILS REPORT

Basis of Payment

The Basis of Payment will be one or more of the following:

Lump Sum
Specific Rate
Cost Per Unit
Actual Cost Plus Fixed Fee

Basis of Payment Notification

Basis of Payment Notification

The contract price will be based on an estimate of the selected consultant's actual costs plus fixed fee. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR).

Consultant costs including indirect cost rates and cost accounting system will be subject to audit. Consultant firms that are unable to account for costs consistent with requirements of the FAR are not eligible to contract. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rgistr/fncl-rpt.aspx>.

Advertised Fixed Fee %: 7.50

Fixed Fee Notification

Fixed Fee Notification

The fixed fee for this contract will apply an indirect cost factor of 150% to the consultant's estimated direct labor, regardless of the consultant's actual indirect rate.

DBE goal on project: No

DBE goal: DBE goal in \$ 0.00

Notification pertaining to DBE goals: N/A

DBE goals:

Special Instructions: Do not include any information that meets the definition of "trade secret" as that term is defined in s. 134.90(1)(c), Wis. Stats.

Interview: Interviews will not be conducted

Interview Information:

Interview Date:

Interview Place:

Name	Email
No records to display	

Other Information:

Solicitation Scope Of Service - DETAILS REPORT

Transportation Region/Bureau: DBSI - Budget and Strategic Initiatives

Solicitation ID: DBSI-01

Solicitation Month and Year: February 2022

Solicitation Type(Roster/Open): Open

Anticipated Construction Cost: N/A

NOI Due Date: 02/16/2022

Anticipated Project Start Date: 04/22/2022

Anticipated Project Completion Date: 12/30/2022

PROJECT ID(S)

Project ID	Project Name	Route	County	Limit
0900-04-92	Electric Vehicle Infrastructure	N/A	86 - State Wide	N/A

PROJECT PURPOSE AND NEED

Conduct a planning study for electric vehicles (EVs) and related infrastructure.

PROJECT DESCRIPTION

Develop a comprehensive strategy to accelerate the electrification of Wisconsin's transportation system and integration of EVs into the state's vehicle fleet.

Tasks include:

1. Work with WisDOT to assess government roles and responsibilities, including present and future roles for WisDOT
2. Make recommendations on state electrification policy, statute, and regulation
3. Develop options to address immediate needs with available funding and for sustainable long-term strategies
4. Analyze optimal and equitable placement of electric vehicle charging station infrastructure and develop recommendations for immediate implementation
5. Develop performance metrics and strategies to ensure that implementation of electrification is comprehensive and supports urban, rural, and underserved communities

SCHEDULE FOR DELIVERABLES

Schedule Item	Due Date
Preliminary Report 1 (tasks 1-3)	06/01/2022
Preliminary Report 2 (tasks 4-5)	08/01/2022
Draft Report	09/01/2022
Final Report	09/30/2022

DEPARTMENT PROVIDES

Items
Results of inter-agency and stakeholder outreach
WisDOT vehicle data
WisDOT traffic data

Consultant Requirements (Listed in approximate order of importance) :

Consultants Requirements
Working knowledge of EV technology and its impacts on the transportation system
Experience with statewide transportation system planning
Experience analyzing complex transportation issues through an equity lens
Familiarity with EV-related statute, policy, and regulation at both the federal and state level
Familiarity with performance measurement, including the development of performance metrics
Experience with comprehensive strategic planning

Special Skills/Certification License (Listed in approximate order of importance) :

Special Skills Certification License
N/A

Solicitation Scope Of Service - DETAILS REPORT

Basis of Payment

The Basis of Payment will be one or more of the following:

- Lump Sum
- Specific Rate
- Cost Per Unit
- Actual Cost Plus Fixed Fee

Basis of Payment Notification

Basis of Payment Notification

The contract price will be based on an estimate of the selected consultant's actual costs plus fixed fee. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR).

Consultant costs including indirect cost rates and cost accounting system will be subject to audit. Consultant firms that are unable to account for costs consistent with requirements of the FAR are not eligible to contract. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rgistr/fncf-rpt.aspx>.

Advertised Fixed Fee %: 7.50

Fixed Fee Notification

Fixed Fee Notification

The fixed fee for this contract will apply an indirect cost factor of 150% to the consultant's estimated direct labor, regardless of the consultant's actual indirect rate.

DBE goal on project: No

DBE goal: DBE goal in \$ 0.00

Disadvantaged Business Enterprise (DBE) Subcontracting goal on this solicitation will be

Project	DBE Goal in \$/%
No records to display	

Notification pertaining to DBE goals: N/A

Special Instructions: Do not include any information that meets the definition of "trade secret" as that term is defined in s.134.90(1)(c), Wis.Stats.

Interview: Interviews will be conducted

Interview Information: Questions provided below. Short-listed firms will be provided interview location and time at least 8 business days before the interview.

Interview Date: 03/01/2022

Interview Place: Hill Farms State Office Building; 4822 Madison Yards Way; Madison, WI 53705

Name	Email
No records to display	

Other Information: 1. Transportation Planning/Project Management: Provide a description of one significant transportation planning project completed by your team in the past five years. Include goals, timeline, challenges, and outcomes of the project. 2. EV Technology/Revenue: Provide a description of the impacts you anticipate EVs will have on Wisconsin's transportation system, including potential impacts to transportation revenue. Include federal, state, local, and private enterprise considerations, and describe your team's working knowledge of EV technology. 3. Equity: What are your team's equity and environmental justice qualifications from the past five years? Describe previous experience with analyzing complex transportation issues through an equity lens. Include an anticipated approach for determining optimal and equitable placement of EVCS infrastructure. 4. Policy/Statute/Regulation: What are your team's qualifications to analyze EV-related statute, policy, and regulation at both the federal and state level? Include a description of past policy analysis projects completed for a government agency. 5. Performance Measurement: Describe your previous experience with measuring performance of largescale implementation efforts. In your response, include a description of the outcome(s) being measured and the metric(s) developed.

Solicitation Scope Of Service - DETAILS REPORT

Transportation Region/Bureau: North Central Region

Solicitation ID: NC-01

Solicitation Month and Year: February 2022

Solicitation Type(Roster/Open): Roster

Anticipated Construction Cost: N/A

NOI Due Date: 02/16/2022

Anticipated Project Start Date: 05/01/2022

Anticipated Project Completion Date: 11/01/2022

PROJECT ID(S)

Project ID	Project Name	Route	County	Limit
1009-41-27	REDISTRIBUTION CONTRACT	NON HWY	84 - North Central Region Wide	MATERIALS LAB REVIEW

PROJECT PURPOSE AND NEED

Assistance is needed with materials testing and equipment maintenance/calibration.

PROJECT DESCRIPTION

Provide a part-time (approximately 24 hours per week; 1,000 hours per year) technician/tester to act as an extension of WisDOT staff located at the Rhinelander office. Ideal candidate will have 3-5 years experience.

Tasks include: HTCP certified materials testing (aggregate, concrete, and asphalt) services on various North Central Region construction projects, assist with region testing equipment maintenance/calibration, and help the region material laboratories remain qualified to perform the work.

SCHEDULE FOR DELIVERABLES

Schedule Item	Due Date
Logging in samples	
Test specimen preparation	
Construction materials testing	
Documenting of test data on Department-provided worksheets	
Documenting test results in Materials Tracking System (MTS)	
Notifying project staff of test results	
Coordinating external lab testing (if needed)	
Maintenance materials testing	
Tracking laboratory equipment and supplies	
Maintaining/calibrating/Repairing testing equipment	
Assisting with Lab Manual preparation	

DEPARTMENT PROVIDES

Items
Testing laboratory and equipment
Access to AASHTO and ASTM test specifications
Access to computer for entry of test reports on MTS
Access to project related documents/plans

Consultant Requirements (Listed in approximate order of importance) :

Consultants Requirements
Knowledge of Highway Technical Certification Program sampling and testing procedures
Able to lift 75 pounds.
Familiarity with the AASHTO and WisDOT materials sampling and testing procedures as well as laboratory materials equipment calibration procedures.
Familiarity with the WisDOT laboratory qualification program
Efficient computer skills for programs used by the Department (Excel, Word, Atwood Systems, etc.)
Analytical and problem solving skills and techniques
Ability to work in a multi-disciplinary team environment
Appropriate usage of consultant provided PPE and safety equipment

Solicitation Scope Of Service - DETAILS REPORT

Special Skills/Certification License (Listed in approximate order of importance) :

Special Skills Certification License

HTCP - Concrete strength tester (CST)
 HTCP - Aggregate technician 1 (AGGTEC-I)
 HTCP - Hot mix asphalt production tester (HMA-IPT)

Basis of Payment

The Basis of Payment will be one or more of the following:

Lump Sum
 Specific Rate
 Cost Per Unit
 Actual Cost Plus Fixed Fee

Basis of Payment Notification

Basis of Payment Notification

The contract price will be based on the selected consultant's actual costs plus fixed fee. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR).
 Consultant costs including indirect cost rates and cost accounting system will be subject to audit. Consultant firms that are unable to account for costs consistent with requirements of the FAR are not eligible to contract. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rgistr/fnci-rpt.aspx>.
 There will be a redistribution contract with invoices allocating actual costs to individual WisDOT project IDs.

Advertised Fixed Fee %: 7.50

Fixed Fee Notification

Fixed Fee Notification

The fixed fee for this contract will apply an indirect cost factor of 150% to the consultant's estimated direct labor, regardless of the consultant's actual indirect rate.

DBE goal on project: No

DBE goal: DBE goal in \$ 0.00

Disadvantaged Business Enterprise (DBE) Subcontracting goal on this solicitation will be

Project	DBE Goal in \$/%
No records to display	

Notification pertaining to DBE goals: N/A

Special Instructions: Do not include any information that meets the definition of "trade secret" as that term is defined in s. 134.90(1)(c), Wis. Stats. The Department will negotiate 1 one-year contract with the option for 2 one-year renewals.

Interview: Interviews will not be conducted

Interview Information:

Interview Date:

Interview Place:

Name	Email
No records to display	

Other Information:

Solicitation Scope Of Service - DETAILS REPORT

Transportation Region/Bureau: North Central Region
Solicitation Month and Year: February 2022
Anticipated Construction Cost: \$4,000,000-\$4,999,999
Anticipated Project Start Date: 05/01/2022

Solicitation ID: NC-02
Solicitation Type(Roster/Open): Roster
NOI Due Date: 02/16/2022
Anticipated Project Completion Date: 09/25/2026

PROJECT ID(S)

Project ID	Project Name	Route	County	Limit
1590-19-00	LAONA - GOODMAN	USH 008E	21 - Forest County	SOUTH JCT STH 32 TO CTH G

PROJECT PURPOSE AND NEED

The pavement needs treatment to extend the service life.

PROJECT DESCRIPTION

Perpetuation to resurface 6.6 miles on USH 008, between South JCT STH 32 to CTH G in Forest County. Additionally, storm sewer inlets, curb and gutter, cross culvert pipes, and beamguard will be replaced as needed. Curb ramps and sidewalk will be replaced to meet current ADA standards.

SCHEDULE FOR DELIVERABLES

Schedule Item	Due Date
Design Study Report	05/01/2023
Environmental report (CEC)	03/01/2023
Plans, specifications, and estimates (PS&E) review	11/01/2025
Trans 220 coordination	11/01/2025
Public Involvement Plan	05/01/2023
Final DNR/401 water quality certification	12/01/2025
Traffic Management Plan	10/01/2025
Advanceable roadway PS&E	02/01/2026

DEPARTMENT PROVIDES

Items
Utility contacts and task list
Concept Definition Report
Pavement design
As built plans
Existing traffic data

Consultant Requirements (Listed in approximate order of importance) :

Consultants Requirements
Knowledge of WisDOT FDM and PS&E process
Experience in preparing the SSR / TMP / DSR / Environmental documents and other required design documents.
Experience with the public involvement process
Staking R/W and providing CSMs or Plat of Surveys.
Knowledge and experience with the environmental documentation and agency coordination required

Special Skills/Certification License (Listed in approximate order of importance) :

Special Skills Certification License
Professional Engineer
Professional Land Surveyor

Solicitation Scope Of Service - DETAILS REPORT

Basis of Payment

The Basis of Payment will be one or more of the following:

- Lump Sum
- Specific Rate
- Cost Per Unit
- Actual Cost Plus Fixed Fee

Basis of Payment Notification

Basis of Payment Notification

The contract price will be based on an estimate of the selected consultant's actual costs plus fixed fee. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR).

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Advertised Fixed Fee %: 7.25

Fixed Fee Notification

Fixed Fee Notification

The fixed fee for this contract will apply an indirect cost factor of 150% to the consultant's estimated direct labor, regardless of the consultant's actual indirect rate.

DBE goal on project: No

DBE goal: DBE goal in \$ 0.00

Disadvantaged Business Enterprise (DBE) Subcontracting goal on this solicitation will be

Project	DBE Goal in \$/%
No records to display	

Notification pertaining to DBE goals: N/A

Special Instructions: Do not include any information that meets the definition of "trade secret" as that term is defined in s. 134.90(1)(c), Wis. Stats.

Interview: Interviews will not be conducted

Interview Information:

Interview Date:

Interview Place:

Name	Email
No records to display	

Other Information:

Solicitation Scope Of Service - DETAILS REPORT

Transportation Region/Bureau: Northeast Region

Solicitation ID: NE-01

Solicitation Month and Year: February 2022

Solicitation Type(Roster/Open): Open

Anticipated Construction Cost: N/A

NOI Due Date: 02/16/2022

Anticipated Project Start Date: 04/04/2022

Anticipated Project Completion Date: 04/04/2023

PROJECT ID(S)

Project ID	Project Name	Route	County	Limit
1009-39-87	NE REGIONWIDE	VAR HWY	83 - Northeast Region Wide	REAL ESTATE ASSISTANCE

PROJECT PURPOSE AND NEED

The Northeast Region requires staffing assistance with in-house Real Estate services.

PROJECT DESCRIPTION

Provide one part-time Real Estate Program Associate (ideally with 5-10 years of experience) to work 20 hours per week as an extension of WisDOT staff. Provide a full array of real estate services in support of the Northeast Region Property Manager and the Litigation Coordinator for the North Central, Northeast, and Northwest regions.

Remote work is anticipated, but periodic meetings at the Green Bay office will be required.

SCHEDULE FOR DELIVERABLES

Schedule Item	Due Date
Closing surplus land sale files and other work in READS	
Research in DOTView to find acquisition plats/parcels	
Prepare Revocable Occupancy Permits	
Create Tribal notification email/letters	
Create initial JO documents	
Uploading court docket entries/appraisals/other documents	
Assist with property taxes & lease payments processing	
Assist staff/vendors to obtain displays for condemnations	
Obtaining/compiling DOT materials into an Atty. work file	
Recording of multiple types of documents	

DEPARTMENT PROVIDES

Items
Guidance as described in Real Estate Program Manual (REPM)
Access to project related documents/plans
WisDOT issued Laptop Computer

Consultant Requirements (Listed in approximate order of importance) :

Consultants Requirements
Property Management and Surplus Land Knowledge
Knowledge of Government mapping, platting and surveys (County GIS, etc)

Special Skills/Certification License (Listed in approximate order of importance) :

Special Skills Certification License
State of WI Notary

Solicitation Scope Of Service - DETAILS REPORT

Basis of Payment

The Basis of Payment will be one or more of the following:

Lump Sum
Specific Rate
Cost Per Unit
Actual Cost Plus Fixed Fee

Basis of Payment Notification

Basis of Payment Notification

The contract price will be based on the selected consultant's actual costs plus fixed fee. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR).

Consultant costs including indirect cost rates and cost accounting system will be subject to audit. Consultant firms that are unable to account for costs consistent with requirements of the FAR are not eligible to contract. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rgistr/fncf-rpt.aspx>.

The will be a redistribution contract with invoices allocating actual costs to individual WisDOT project IDs.

Advertised Fixed Fee %: 7.25

Fixed Fee Notification

Fixed Fee Notification

The fixed fee for this contract will apply an indirect cost factor of 150% to the consultant's estimated direct labor, regardless of the consultant's actual indirect rate.

DBE goal on project: No

DBE goal: DBE goal in \$ 0.00

Disadvantaged Business Enterprise (DBE) Subcontracting goal on this solicitation will be

Project	DBE Goal in \$/%
No records to display	

Notification pertaining to DBE goals: N/A

Special Instructions: The department will negotiate 1 one-year contract with the option for 2 additional one-year renewals. Do not include any information that meets the definition of "trade secret" as that term is defined in s. 134.90(1)(c), Wis. Stats.

Interview: Interviews will not be conducted

Interview Information:

Interview Date:

Interview Place:

Name	Email
No records to display	

Other Information:

Solicitation Scope Of Service - DETAILS REPORT

Transportation Region/Bureau: Northwest Region

Solicitation ID: NW-01

Solicitation Month and Year: February 2022

Solicitation Type(Roster/Open): Roster

Anticipated Construction Cost: N/A

NOI Due Date: 02/16/2022

Anticipated Project Start Date: 04/01/2022

Anticipated Project Completion Date: 03/31/2023

PROJECT ID(S)

Project ID	Project Name	Route	County	Limit
1000-18-50	NW REGION, MATERIALS TESTING	VAR HWY	85 - Northwest Region Wide	MATERIALS TESTING SERVICES, EC LAB

PROJECT PURPOSE AND NEED

The Northwest Region requires assistance with materials testing and materials finals review to meet project deadlines.

PROJECT DESCRIPTION

Provide one Materials Specialist (ideally two years of experience) to work 40 hours per week. Work on-site at the Eau Claire Materials Laboratory performing materials testing from April-November and at their home office reviewing materials finals during the remainder of the calendar months. Must have HTCP certifications prior to lab work starting. Occasional regionwide travel may be required.

SCHEDULE FOR DELIVERABLES

Schedule Item	Due Date
Construction materials testing	
Documenting of test data on Department-provided worksheets	
Materials finals review	

DEPARTMENT PROVIDES

Items
Field office
Technical input and assistance
Testing laboratory and equipment

Consultant Requirements (Listed in approximate order of importance) :

Consultants Requirements
Knowledge of Highway Technical Certification Program sampling and testing procedures
Knowledge of AASHTO Testing Procedures
Knowledge of the procedures and practices applied in the inspection and testing of materials used in highway facilities construction, and the design of these materials.

Special Skills/Certification License (Listed in approximate order of importance) :

Special Skills Certification License
HTCP - Aggregate technician 1 (AGGTEC-I)
HTCP - Hot mix asphalt production tester (HMA-IPT)
HTCP - Concrete strength tester (CST)

Basis of Payment

The Basis of Payment will be one or more of the following:
Lump Sum
Specific Rate
Cost Per Unit
Actual Cost Plus Fixed Fee

Solicitation Scope Of Service - DETAILS REPORT

Basis of Payment Notification

Basis of Payment Notification

The contract price will be based on an estimate of the selected consultant's actual costs plus fixed fee. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR).

Consultant costs including indirect cost rates and cost accounting system will be subject to audit. Consultant firms that are unable to account for costs consistent with requirements of the FAR are not eligible to contract. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rgistr/fncf-rpt.aspx>.

Advertised Fixed Fee %: 7.50

Fixed Fee Notification

Fixed Fee Notification

The fixed fee for this contract will apply an indirect cost factor of 150% to the consultant's estimated direct labor, regardless of the consultant's actual indirect rate.

DBE goal on project: No

DBE goal: DBE goal in \$ 0.00

Disadvantaged Business Enterprise (DBE) Subcontracting goal on this solicitation will be

Project	DBE Goal in \$/%
No records to display	

Notification pertaining to DBE goals: N/A

Special Instructions: The department will negotiate 1 one-year contract with the option for 2 one-year renewals. Do not include any information that meets the definition of "trade secret" as that term is defined in s. 134.90(1)(c), Wis. Stats.

Interview: Interviews will not be conducted

Interview Information:

Interview Date:

Interview Place:

Name	Email
No records to display	

Other Information:

Solicitation Scope Of Service - DETAILS REPORT

Transportation Region/Bureau: Office of Business Opportunity and Equity Compliance

Solicitation ID: OBOEC-01

Solicitation Month and Year: February 2022

Solicitation Type(Roster/Open): Open

Anticipated Construction Cost: N/A

NOI Due Date: 02/16/2022

Anticipated Project Start Date: 04/04/2022

Anticipated Project Completion Date: 04/03/2023

PROJECT ID(S)

Project ID	Project Name	Route	County	Limit
0657-11-00	DBE Services	N/A	86 - State Wide	N/A

PROJECT PURPOSE AND NEED

Assistance is needed with construction contract labor compliance reviews.

PROJECT DESCRIPTION

Provide one Senior Compliance Specialist (approximately two to seven years' experience) to work 40 hours per week ensuring labor compliance for construction contracts during the construction season; and project planning, reporting and training during the off season primarily for Southwest Region. The specialist will be responsible for labor and contract compliance review, analysis, monitoring, corrective action, site reviews, and technical support. Provide technical support to the Civil Rights Compliance System (CRCS). Work on-site at the WisDOT Madison Region Office two days per week with the option of remote work for the remaining days.

SCHEDULE FOR DELIVERABLES

Schedule Item	Due Date
Daily contractor reviews	
Daily payroll reviews	
Diary and other document reviews	
Monitoring	
Corrective action	
Site reviews	
Technical support using AASHTO and CRCS	

DEPARTMENT PROVIDES

Items

List of contracts to review

Consultant Requirements (Listed in approximate order of importance) :

Consultants Requirements

Knowledge of transportation systems
Knowledge of labor and contract compliance responsibilities
Familiarity with WisDOT procedures and policies
Experience monitoring federal and state regulations
Ability to learn and train applications such as AASHTO and CRCS

Special Skills/Certification License (Listed in approximate order of importance) :

Special Skills Certification License

N/A

Basis of Payment

The Basis of Payment will be one or more of the following:

Lump Sum
Specific Rate
Cost Per Unit
Actual Cost Plus Fixed Fee

Solicitation Scope Of Service - DETAILS REPORT

Basis of Payment Notification

Basis of Payment Notification

The contract price will be based on an estimate of the selected consultant's actual costs plus fixed fee. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR).

Consultant costs including indirect cost rates and cost accounting system will be subject to audit. Consultant firms that are unable to account for costs consistent with requirements of the FAR are not eligible to contract. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rgistr/fncf-rpt.aspx>.

Advertised Fixed Fee %: 7.25

Fixed Fee Notification

Fixed Fee Notification

The fixed fee for this contract will apply an indirect cost factor of 150% to the consultant's estimated direct labor, regardless of the consultant's actual indirect rate.

DBE goal on project: No

DBE goal: DBE goal in \$ 0.00

Disadvantaged Business Enterprise (DBE) Subcontracting goal on this solicitation will be

Project	DBE Goal in \$/%
No records to display	

Notification pertaining to DBE goals: N/A

Special Instructions: The department will negotiate 1 one-year contract with the option for 2 one-year renewals. Do not include any information that meets the definition of "trade secret" as that term is defined in s. 134.90(1)(c), Wis. Stats.

Interview: Interviews will not be conducted

Interview Information:

Interview Date:

Interview Place:

Name	Email
No records to display	

Other Information:

Solicitation Scope Of Service - DETAILS REPORT

Transportation Region/Bureau: Southeast Region

Solicitation ID: SE-01

Solicitation Month and Year: February 2022

Solicitation Type(Roster/Open): Roster

Anticipated Construction Cost: N/A

NOI Due Date: 02/16/2022

Anticipated Project Start Date: 05/02/2022

Anticipated Project Completion Date: 05/01/2025

PROJECT ID(S)

Project ID	Project Name	Route	County	Limit
1000-33-42	SURVEY DATA COORDINATOR	NON HWY	82 - Southeast Region Wide	REGION WIDE

PROJECT PURPOSE AND NEED

The Southeast Region requires assistance to perform construction surveys.

PROJECT DESCRIPTION

Provide one construction survey technician with over 5 years experience working 20 – 30 hours per week to assist with State Highway Rehabilitation (SHR) and Backbone construction projects. This person will perform tasks both on construction sites as well as in the office. The individual will also oversee maintaining WisDOT survey equipment.

SCHEDULE FOR DELIVERABLES

Schedule Item	Due Date
N/A	

DEPARTMENT PROVIDES

Items

Office space and related equipment for onsite personnel

Consultant Requirements (Listed in approximate order of importance) :

Consultants Requirements

Knowledge of the Departments current engineering platform (Civil 3D)

Proficiency using Trimble Business Center

Survey field knowledge setting up site calibrations

Special Skills/Certification License (Listed in approximate order of importance) :

Special Skills Certification License

Professional Land Surveyor (Preferred)

Basis of Payment

The Basis of Payment will be one or more of the following:

Lump Sum

Specific Rate

Cost Per Unit

Actual Cost Plus Fixed Fee

Basis of Payment Notification

Basis of Payment Notification

The contract price will be based on an estimate of the selected consultant's actual costs plus fixed fee. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR).

Consultant costs including indirect cost rates and cost accounting system will be subject to audit. Consultant firms that are unable to account for costs consistent with requirements of the FAR are not eligible to contract. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rgistr/fncf-rpt.aspx>.

Advertised Fixed Fee %: 7.25

Fixed Fee Notification

Fixed Fee Notification

The fixed fee for this contract will apply an indirect cost factor of 150% to the consultant's estimated direct labor, regardless of the consultant's actual indirect rate.

Solicitation Scope Of Service - DETAILS REPORT

DBE goal on project: No

DBE goal: DBE goal in \$ 0.00

Disadvantaged Business Enterprise (DBE) Subcontracting goal on this solicitation will be

Project	DBE Goal in \$/%
No records to display	

Notification pertaining to DBE goals: N/A

Special Instructions: Do not include any information that meets the definition of "trade secret" as that term is defined in s. 134.90(1) (c), Wis. Stats. The Department will negotiate 1 one-year contract with the option for 2 one-year renewals.

Interview: Interviews will not be conducted

Interview Information:

Interview Date:

Interview Place:

Name	Email
No records to display	

Other Information:

Solicitation Scope Of Service - DETAILS REPORT

Transportation Region/Bureau: Southeast Region

Solicitation ID: SE-02

Solicitation Month and Year: February 2022

Solicitation Type(Roster/Open): Roster

Anticipated Construction Cost: \$2,000,000-\$2,999,999

NOI Due Date: 02/16/2022

Anticipated Project Start Date: 05/02/2022

Anticipated Project Completion Date: 06/30/2025

PROJECT ID(S)

Project ID	Project Name	Route	County	Limit
1228-09-06	IH 43 NORTH SOUTH FREEWAY	IH 043N	40 - Milwaukee County	MITCHELL IC-MARQUETTE IC ON/OFF RMP

PROJECT PURPOSE AND NEED

The pavement needs treatment to extend the service life.

PROJECT DESCRIPTION

Perpetuation to resurface 2.8 miles of IH 43 North South Freeway from Mitchell IC to Marquette IC on off ramps in the City of Milwaukee.

Areas to be resurfaced include Howard Ave over IH 43, NB IH 43 on ramp from Howard Ave, NB off ramp from IH 43 to Holt Ave, NB on ramp to IH 43 from Holt Ave, Holt Ave over IH 43, NB/SB on/off ramps at Beecher St. and IH 43, and SB on ramp from Mineral St. to IH 43.
Curb ramps to be evaluated for compliance at intersections.

SCHEDULE FOR DELIVERABLES

Schedule Item	Due Date
Design Study Report	12/01/2022
Right-of-way (R/W) Plats and Transportation Project Plats	12/01/2023
PS&E package	02/03/2025
Environmental Document	10/01/2022

DEPARTMENT PROVIDES

Items
Asbestos reports
Base mapping
Pavement design
Utility contacts and task list

Consultant Requirements (Listed in approximate order of importance) :

Consultants Requirements
Experience completing the PS&E process as described in WisDOT FDM.
Experience in preliminary and final bridge design.
Experience in preparing the SSR / TMP / DSR / Environmental documents and other required design documents.
Experience with Trans 220 utility coordination process
Knowledge and experience with the environmental documentation and agency coordination required
Staking R/W and providing CSMS or Plat of Surveys.

Special Skills/Certification License (Listed in approximate order of importance) :

Special Skills Certification License
Professional Engineer
Structural Engineer

Solicitation Scope Of Service - DETAILS REPORT

Basis of Payment

The Basis of Payment will be one or more of the following:

- Lump Sum
- Specific Rate
- Cost Per Unit
- Actual Cost Plus Fixed Fee

Basis of Payment Notification

Basis of Payment Notification

The contract price will be based on an estimate of the selected consultant's actual costs plus fixed fee. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR).

Consultant costs including indirect cost rates and cost accounting system will be subject to audit. Consultant firms that are unable to account for costs consistent with requirements of the FAR are not eligible to contract. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rgistr/fncf-rpt.aspx>.

Advertised Fixed Fee %: 7.25

Fixed Fee Notification

Fixed Fee Notification

The fixed fee for this contract will apply an indirect cost factor of 150% to the consultant's estimated direct labor, regardless of the consultant's actual indirect rate.

DBE goal on project: No

DBE goal: DBE goal in \$ 0.00

Disadvantaged Business Enterprise (DBE) Subcontracting goal on this solicitation will be

Project	DBE Goal in \$/%
No records to display	

Notification pertaining to DBE goals: N/A

Special Instructions: Do not include any information that meets the definition of "trade secret" as that term is defined in s.134.90(1)(c), Wis.Stats.

Interview: Interviews will not be conducted

Interview Information:

Interview Date:

Interview Place:

Name	Email
No records to display	

Other Information:

Solicitation Scope Of Service - DETAILS REPORT

Transportation Region/Bureau: Southeast Region

Solicitation ID: SE-03

Solicitation Month and Year: February 2022

Solicitation Type(Roster/Open): Roster

Anticipated Construction Cost: \$11,000,000-\$11,999,999

NOI Due Date: 02/16/2022

Anticipated Project Start Date: 05/02/2022

Anticipated Project Completion Date: 06/01/2026

PROJECT ID(S)

Project ID	Project Name	Route	County	Limit
2140-14-00	76TH STREET	STH 181N	40 - Milwaukee County	FLORIST AVE TO CTH Q

PROJECT PURPOSE AND NEED

The pavement and structure need treatment to extend their service lives.

PROJECT DESCRIPTION

Perpetuation project to mill and overlay 4 inches of pavement of 4.4 miles from Florist Ave to CTH Q in the City of Milwaukee.

Floor patching to be completed on C-40-53 (just south of Florist Ave.) and concrete surface repair on B-40-404 (STH 181 over STH 100).

Other improvements include asphaltic base batching, replacing existing guardrail, updating any existing curb ramps and replacing all traffic signal equipment while upgrading to monotubes. The work will be done under traffic using single lane closures with flagging operations.

SCHEDULE FOR DELIVERABLES

Schedule Item	Due Date
Environmental Document(s) (including factor sheets)	10/01/2022
Design Study Report	01/01/2023
Right-of-way (R/W) Plats and Transportation Project Plats	04/01/2023
DT1078 utility submittal	03/01/2024
PS&E package	05/01/2025
Traffic Management Plan (TMP)	12/01/2022
Final Structure Plans	01/31/2025

DEPARTMENT PROVIDES

Items
Aerial Mapping and survey
Pavement design
Utility contacts and task list
Concept Definition Report

Consultant Requirements (Listed in approximate order of importance) :

Consultants Requirements
Experience completing the PS&E process as described in WisDOT FDM.
Experience in preliminary and final bridge design.
Experience in preparing the SSR / TMP / DSR / Environmental documents and other required design documents.
Experience with Trans 220 utility coordination process
QA/QC plan on file with WisDOT Bureau of Structures

Special Skills/Certification License (Listed in approximate order of importance) :

Special Skills Certification License
Professional Engineer
Professional Land Surveyor
Professional Traffic Operations Engineer
Structural Engineer

Solicitation Scope Of Service - DETAILS REPORT

Basis of Payment

The Basis of Payment will be one or more of the following:

- Lump Sum
- Specific Rate
- Cost Per Unit
- Actual Cost Plus Fixed Fee

Basis of Payment Notification

Basis of Payment Notification

The contract price will be based on an estimate of the selected consultant's actual costs plus fixed fee. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR).

Consultant costs including indirect cost rates and cost accounting system will be subject to audit. Consultant firms that are unable to account for costs consistent with requirements of the FAR are not eligible to contract. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rgistr/fncf-rpt.aspx>.

Advertised Fixed Fee %: 7.25

Fixed Fee Notification

Fixed Fee Notification

The fixed fee for this contract will apply an indirect cost factor of 150% to the consultant's estimated direct labor, regardless of the consultant's actual indirect rate.

DBE goal on project: No

DBE goal: DBE goal in \$ 0.00

Disadvantaged Business Enterprise (DBE) Subcontracting goal on this solicitation will be

Project	DBE Goal in \$/%
No records to display	

Notification pertaining to DBE goals: N/A

Special Instructions: Do not include any information that meets the definition of "trade secret" as that term is defined in s.134.90(1)(c), Wis.Stats.

Interview: Interviews will not be conducted

Interview Information:

Interview Date:

Interview Place:

Name	Email
No records to display	

Other Information:

Solicitation Scope Of Service - DETAILS REPORT

Transportation Region/Bureau: Southwest Region

Solicitation ID: SW-01

Solicitation Month and Year: February 2022

Solicitation Type(Roster/Open): Roster

Anticipated Construction Cost: \$2,000,000-\$2,999,999

NOI Due Date: 02/16/2022

Anticipated Project Start Date: 06/06/2022

Anticipated Project Completion Date: 05/01/2026

PROJECT ID(S)

Project ID	Project Name	Route	County	Limit
5040-03-01	HILLSBORO - NEW LISBON	STH 080N	62 - Vernon County	S FORK BARABOO R BRIDGE TO STH 33
5100-01-03	HILLSBORO - REEDSBURG	STH 033E	62 - Vernon County	C HILLSBORO W LIMIT TO CTH HH

PROJECT PURPOSE AND NEED

The roadway is in need of treatment to extend its service life.

PROJECT DESCRIPTION

Perpetuation project to replace pavement of STH 33 and STH 80 approximately 1.6 miles long through the Village of Hillsboro, in Vernon County. Curb ramps will be evaluated and those out of compliance will be reconstructed to standard or documented as technically infeasible.

Project 5040-03-01: from End of North approach to B-62-31 to Int. of STH 80 & STH 33 on STH 80.

Project 5100-01-03: from School Road (west end of City) to State Street (north end of City) on STH 33.

SCHEDULE FOR DELIVERABLES

Schedule Item	Due Date
Environmental Document	01/20/2023
Design Study Report	08/01/2023
Traffic Management Plan (TMP)	06/02/2025
PS&E package	08/01/2025

DEPARTMENT PROVIDES

Items
Aerial Mapping and survey
Concept Definition Report
Pavement design
Soils/geotechnical investigation
Utility contacts and task list

Consultant Requirements (Listed in approximate order of importance) :

Consultants Requirements
Experience completing the PS&E process as described in WisDOT FDM.
Experience in preparing the SSR / TMP / DSR / Environmental documents and other required design documents.
Experience with Trans 220 utility coordination process
Knowledge and experience with the environmental documentation and agency coordination required

Special Skills/Certification License (Listed in approximate order of importance) :

Special Skills Certification License
Professional Engineer

Solicitation Scope Of Service - DETAILS REPORT

Basis of Payment

The Basis of Payment will be one or more of the following:

Lump Sum
Specific Rate
Cost Per Unit
Actual Cost Plus Fixed Fee

Basis of Payment Notification

Basis of Payment Notification

The contract price will be based on an estimate of the selected consultant's actual costs plus fixed fee. Actual costs will be defined as those costs allowable under the cost principles in Part 31 of Federal Acquisition Regulation (FAR).

Consultant costs including indirect cost rates and cost accounting system will be subject to audit. Consultant firms that are unable to account for costs consistent with requirements of the FAR are not eligible to contract. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rgistr/fncf-rpt.aspx>.

Advertised Fixed Fee %: 7.25

Fixed Fee Notification

Fixed Fee Notification

The fixed fee for this contract will apply an indirect cost factor of 150% to the consultant's estimated direct labor, regardless of the consultant's actual indirect rate.

DBE goal on project: No

DBE goal: DBE goal in \$ 0.00

Disadvantaged Business Enterprise (DBE) Subcontracting goal on this solicitation will be

Project	DBE Goal in \$/%
No records to display	

Notification pertaining to DBE goals: N/A

Special Instructions: Do not include any information that meets the definition of "trade secret" as that term is defined in s.134.90(1)(c), Wis.Stats.

Interview: Interviews will not be conducted

Interview Information:

Interview Date:

Interview Place:

Name	Email
No records to display	

Other Information: