

Jennifer Swokowski

From: Talcott, Matthew J - DOT <Matthew.Talcott@dot.wi.gov>
Sent: Friday, January 6, 2023 10:47 AM
To: Greg Minikel
Cc: Asman, Randy - DOT
Subject: External: RE: Local \$10M Introductory E-Mail (USH 151 & 21 Street)
Attachments: Spring 2023 SISP Project Application.docx; Spring 2023 SISP Project Application.pdf; Elmstar.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Good Morning,

WisDOT's electrical maintenance contract has expired causing us to rebid the contract. The new contractor is Elmstar Electric Corporation. Unfortunately, the bid came in higher than our previous contractor. We realize that this may cause your previously approved SISP estimate to increase. Elmstar unit prices are attached below.

WisDOT will allow your municipality to submit another application to potentially cover all or part of the increase. In the application, you will need to clearly state the reason why you are submitting another application for the same intersection(s). The applications need to be submitted directly to me no later than April 7, 2023. Once the application has been received, it will be reviewed by the Statewide Committee and hopefully approved. If approved, WisDOT will need to enter into a revised State Municipal Financial Agreement (SMFA) with your municipality.

If you choose not to submit a new application, then per the previously signed SMFA, the municipality will be responsible for any overages above the original cap.

If you have questions regarding this information, please reach out.

From: Talcott, Matthew J - DOT
Sent: Tuesday, September 14, 2021 1:55 PM
To: gminikel@manitowoc.org
Cc: Asman, Randy - DOT <Randy.Asman@dot.wi.gov>
Subject: RE: Local \$10M Introductory E-Mail (USH 151 & 21 Street)

Mr. Minikel,

I'm pleased to inform you that the City of Manitowoc's SISP application for funding was approved. The project will be funded 90% State /10% Local. As shown in the State Municipal Financial Agreement (see attached), the 90% State portion of the project is capped, so any amount over the maximum will need to be funded by the city. The City is required to pay for all services (design and construction) up front and then request for reimbursement from WisDOT after you have paid those respective bills. The City can enter into a design contract with a Consultant at any time, but reimbursement for those services cannot be requested from the State until July 2022 at the earliest. Once WisDOT receives the reimbursement request (just a simple form with a copy of the check), we will submit it to Madison from processing which takes roughly 1 month.

Also, the City can contract with any contractor you wish to. If you choose to utilize WisDOT's Electrical Services Contractor, you are still required to enter into a contract with them. This project is required to be designed, constructed and paid in full by December 1, 2024. Any reimbursement requests submitted to WisDOT after that date will be denied.

Please review and sign the attached SMFA and return electronically. I will be assisting Randy Asman manage this project, so please include both of us on any correspondence.

If you have any questions, please don't hesitate to ask.

<< File: 37003040_C OF Manitowoc USH 151 & 21st STREET SMFA ORIGINAL DRAFT DESIGN 07222021.docx >>

Thanks,

Matt Talcott

Wisconsin Department of Transportation

Northeast Region

Cell Phone: (920) 360-4749

wisconsindot.gov

If this is related to a records request, please email: dotdtsdnerecords@dot.wi.gov

Be Alert !

This is External or System generated Email. Please verify before opening any links or attachments.

Wisconsin Department of Transportation (WisDOT)
Signals and ITS Standalone Program Project Application Form

GENERAL INSTRUCTIONS

MUNICIPAL APPLICATIONS DUE TO REGIONAL LIAISON: April 7, 2023

****Municipalities may submit a maximum of two applications per calendar year.****

REGIONAL APPLICATIONS DUE: April 21, 2023

The following application will be used to evaluate and determine award of Signals and ITS projects to be funded as budget permits. Each Region requesting funds from the Signals and ITS Standalone Program must submit the following information:

- Signals and ITS Standalone Program Regional Ranking Spreadsheet (one submitted by WisDOT Region Liaison)
- Completed Signals and ITS Standalone Program Project Application Form (one for each project request)
- Any supporting materials deemed necessary by the region or municipalities

Project Application Form:

- 1 Project Identification – Fill in those areas that are applicable to your project.
- 2 Project Type – Identify the proposed project type.
- 3 Project Information – Describe the project in as much detail as possible. Detailed descriptions explaining how the project will address the identified need(s) are essential for application review and evaluation.
- 4 Project Cost and Schedule – Provide the project costs in the requested fiscal year. When developing project costs account for additional costs for Accessible Pedestrian Signals (APS), Traffic Signal Detection, and Emergency Vehicle Preemption (EVP) systems if your project is proposing them. Provide anticipated project schedule and proposed resources to accomplish implementation. Geometric improvements must not exceed 50% of the TOTAL COST funded by this appropriation.

****Maximum project award is limited to a total of \$600,000 with a limit of \$500,000 per State fiscal year.****

****Municipal projects require 10% funding commitment from the requesting agency. Requesting municipal agency will also be responsible for any project costs in excess of the approved appropriation funding amount.****

- 5 Additional Project Information – Complete the various questions as they relate to the proposed project.
- 6 Contact Information and Signature – Provide contact information. Application must be signed by the WisDOT Regional Operations Chief or Municipal Sponsor to certify application and commit funds.

Supporting Materials: Each completed application shall include the following, *if applicable*:

- Map of location or general sketch of project proposal or site photo(s). *An adequate sketch is the minimum requirement. Preliminary plan layout sheets or study reports should be provided if available.*
- Project Evaluation Factor (PEF) worksheet and/or Interactive Highway Safety Design Model (IHSDM) benefit-cost analysis.
- TSMO-TIP package (one for each project request as required based on project type).
- New Traffic Signal – Warrant Documentation, required only for proposals to install new traffic signals (example worksheet available upon request. Ref: Manual on Uniform Traffic Control Devices [MUTCD], Chapter 4C). Approved Traffic Control Signal Approval Request **Form DT1199** (Required with application for all proposals to install new traffic signals on the State Trunk Highway System, including Connecting Highways and ramp terminals).
- New Pedestrian Hybrid Beacon – Warrant Documentation, required only for proposals to install new pedestrian hybrid beacons (example worksheet available upon request. Ref: Manual on Uniform Traffic Control Devices [MUTCD], Chapter 4F). Approved Pedestrian Hybrid Beacon Approval Request **Form DT1196** (Required with application for all proposals to install new pedestrian hybrid beacons on the State Trunk Highway System, including Connecting Highways).
- Systems Engineering Analysis. *A SEA may be needed for certain types of projects funded by this Program.*

Submittal Instructions & General Questions:

Program Contact – Amy Worzella | Bureau of Traffic Operations | amy.worzella@dot.wi.gov | 414-224-1947

Projects requested by a municipality should be coordinated with and submitted to their regional liaisons (<https://wisconsindot.gov/Pages/doing-bus/local-gov/astnce-pgms/highway/sisp.aspx>).

**Wisconsin Department of Transportation (WisDOT)
Signals and ITS Standalone Program
Project Application Form**

1. Project Identification

PROJECT NAME (consistent with TSMO-TIP documentation if applicable)			
FILE NAME			
COUNTY	CITY/TOWN	REGION	
STATE TRANSPORTATION IMPROVEMENT PROGRAM (STIP) ELIGIBLE (Is this project eligible to be integrated with an existing STIP project?)			<input type="checkbox"/> YES <input type="checkbox"/> NO
MUNICIPAL*	<input type="checkbox"/> YES <input type="checkbox"/> NO	MUNICIPAL PRIORITIES (if 2 applications are submitted, select priority)	<input type="checkbox"/> 1 ST <input type="checkbox"/> 2 ND
*Municipal projects require a 10% funding commitment from the requesting agency. Requesting municipal agency will also be responsible for any project costs in excess of the approved appropriation funding amount.			

2. Project Type

Identify the proposed project type:	
<input type="checkbox"/> 1. New Signal Installation*	Install new traffic signal.
<input type="checkbox"/> 2. Signal Rehabilitation*	Upgrade, install or replace existing signal detection, controllers, battery backup, LED upgrades, etc.; construct minor geometric improvements.
<input type="checkbox"/> 3. Signal Retrofit*	Install monotubes, flashing yellow arrows, or other safety improvements at existing traffic signal; install adaptive signal systems, replacement of TS1 cabinets.
<input type="checkbox"/> 4. Signal Retiming	Collect and evaluate data; develop signal timing plan; develop and implement corridor coordination plan. <i>Municipal owned signals not eligible for this project type per Form DT1199.</i>
<input type="checkbox"/> 5. Intersection Communication	Construct and integrate fiber communication for signals; install and integrate wireless communication, including cellular modems and radios, for signals.
<input type="checkbox"/> 6. New ITS Device Installation	Install new ITS infrastructure, including cameras, backbone fiber, network equipment, etc.
<input type="checkbox"/> 7. ITS Device Rehabilitation	Upgrade, install or replace existing detection, controllers, battery backup, cameras, ramp meter LED's, etc.
<input type="checkbox"/> 8. System Software	Upgrade, install, or replace software.
<input type="checkbox"/> 9. Life-Cycle Replacement	Replace existing end-of-life signals and/or ITS equipment including cameras, controllers, LED's, etc. <i>Municipal owned signals not eligible for this project type per Form DT1199.</i>
<input type="checkbox"/> 10. Other	Examples include: <ul style="list-style-type: none"> • Performance Measures Applications • Research and Development Projects • CAV Deployments and Applications • Studies, Plans, and Evaluations
*Items not covered by SISP program funds: decorative signal poles, decorative cabinets, decorative signal infrastructure.	

3. Project Information

3a. Project Description

Project description should include location specific information.

- See attached TSMO-TIP Application

3b. Mobility Improvements

In some detail, describe the anticipated mobility improvements of the proposed project and how they will be measured (i.e. detection will be used to determine before and after peak hour delay).

- See attached TSMO-TIP Application, if applicable.

Indicate your expected benefits below and provide documentation to support your analysis.

- Annual mobility benefits are expected to be greater than the capital cost of the project.
 Annual mobility benefits are expected to be greater than half of the capital cost of the project.
 Annual mobility benefits are expected to be greater than \$0.
 No expected mobility improvements.

3c. Operations and Maintenance Impacts

In some detail, describe how the proposed project is anticipated to impact operations and maintenance funds. For example, is the project replacing infrastructure that has been regularly out-of-service and has required increased maintenance?

- See attached TSMO-TIP Application, if applicable.
- There is a demonstrated history of maintenance issues that will be corrected with this project.
Include specific number of knockdowns, service calls, outages, etc., below.
- Maintenance may be reduced due to this project.
 No expected operations and maintenance impacts.

3d. Existing Conditions

Describe the conditions of the existing infrastructure. For example, condition of current infrastructure could be described as fair, disrepair, or out of commission. List any components NOT meeting current WMUTCD standards.

Existing age of the current infrastructure could be described as 5 years past end-of-life, within 5 years past end-of-life, within 3 years of expected end-of-life, or current/new installation. Typical lifecycles of common infrastructure include communications (20 years), signal poles (25 years), controller (16 years), cabinet (20 years), DMS (20 years), CCTV (10 years), and detection (10 years).

3e. Energy and Environmental Impacts

In some detail, describe the anticipated energy and environmental impacts of the proposed project. For example, is the project expected to replace existing infrastructure with infrastructure that may be accessed from a central location rather than driving to the field location for manual access?

See attached TSMO-TIP Application, if applicable.

Indicate your expected benefits below.

Annual energy and environmental benefits are expected to be greater than the capital cost of the project (provide documentation).

Annual energy and environmental benefits are expected to be greater than \$0.

Project is not expected to impact the natural environment.

Project is expected to negatively impact the natural environment.

3f. Safety Improvements

In some detail, describe current safety concerns and the anticipated safety improvements of the proposed project.

See attached TSMO-TIP Application, if applicable.

No expected safety impacts.

4. Project Cost and Schedule

List major construction items and associated estimates such as new traffic signal installation, intersection channelization, etc. When developing project costs account for additional costs for Accessible Pedestrian Signals (APS), Traffic Signal Detection, and Emergency Vehicle Preemption (EVP) systems if your project is proposing them. Project expense is considered during the evaluation of the projects. Therefore, **ALL COSTS** (including design, utilities, and R/E) should be provided regardless of whether awarded project funds will be used for all elements of the project. **Maximum project award is limited to a total of \$600,000 with a limit of \$500,000 per State fiscal year.**

Cost	FY24 (07/23 – 06/24)	FY25 (07/24 – 06/25)	FY26 (07/25 – 06/26)	FY27 (07/26 – 06/27)
Design:				
WisDOT Delivery/Design				
Consultant Work Order				
Real Estate: (Note: Real estate acquisition CANNOT be funded by this appropriation.) Identify funding source:				
Construction:				
Procurement, State Furnished Materials				
Procurement, Service and Installation				
LET construction				
Other Costs:				
*TOTAL PROJECT COST PER FY =				
MUNICIPAL FUNDING COMMITMENT (10%) =				

* Awarded project funds must be encumbered during the FY Identified unless coordinated with Program Manager. Requested funds will not be increased after award of project.

Schedule		
Task	Months (MM/YY – MM/YY)	Anticipated Required Resources (Region PDS, Region Traffic Ops, consultant, procurement contracts, etc.)
1. Design		
2. Real Estate		
3. Procurement		
4. Construction		
5. Other		

5. Additional Project Information

5a. Performance Improvement Program Goals

<p>Does this project help with achieving WisDOT's performance goals? Refer to http://dotnet/mapss/index.htm</p> <ul style="list-style-type: none"> - <i>Mobility</i>: Delivering transportation choices that result in efficient trips and no unexpected delays. - <i>Accountability</i>: The continuous effort to use public dollars in the most efficient and cost-effective way. - <i>Preservation</i>: Protecting, maintaining, and operating Wisconsin's transportation system efficiently by making sound investments that preserve and extend the life of our infrastructure, while protecting our natural environment. - <i>Safety</i>: Moving toward minimizing the number of deaths, injuries, and crashes on our roadways. - <i>Service</i>: High quality and accurate products and services delivered in a timely fashion by a professional and proactive workforce. 	<p>Select all that apply:</p> <p><input type="checkbox"/> Mobility</p> <p><input type="checkbox"/> Accountability</p> <p><input type="checkbox"/> Preservation</p> <p><input type="checkbox"/> Safety</p> <p><input type="checkbox"/> Service</p>
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5b. Additional Justification

Provide additional detail that should be considered during the evaluation of this project. This may include the consequences of what would happen should the project not be implemented.

6. Contact Information and Signature

PRIMARY CONTACT NAME (Responsible for project delivery)		TITLE	
EMAIL ADDRESS		TELEPHONE	
REGIONAL LIAISON CONTACT NAME (Municipal only)		EMAIL ADDRESS	
MUNICIPAL SPONSOR SIGNATURE (Responsible for 10% funding – municipalities only)		DATE	
SIGNATURE OF OPERATIONS CHIEF		DATE	

REVISED 11/14/2022

Region Electrical Services

Full Contract Number: 395-M23-0510487-000-XX

	Elmstar Electric Corp
Regions Awarded	Northeast Region
Contract Number -XX	-03
Contact - Bid	Carmen Fosick
Phone	920-766-8100
Email	carmenf@elmstar.com
Contact - Orders and Billing	Julie Schuh
Phone	920-766-8100
Email	julies@elmstar.com
Cooperative Purchasing available?	Yes
Special conditions for Cooperative Purchasing	Only in NE Region; minimum order of 3.

****See tabs along the bottom for bid pricing for each award.**

RFB 510487
NE Region

			Elmstar Electric Corp
Item Number	Item Description	Unit	Cost per Unit
Refer to the appropriate section of the WisDOT Standard Specifications for Highway and Structure Construction.			
204.0155	Removing Concrete Sidewalk	SY	\$ 175.00
204.0195	Removing Concrete Bases	EACH	\$ 385.00
602.0410	Concrete Sidewalk 5-Inch	SF	\$ 80.00
652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	\$ 31.00
652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	\$ 28.00
652.0605	Conduit Special 2-Inch	LF	\$ 60.00
652.0615	Conduit Special 3-Inch	LF	\$ 66.00
652.0800	Conduit Loop Detector	LF	\$ 15.50
652.0900	Loop Detector Slots	LF	\$ 85.00
653.0135	Pull Boxes Steel 24x36-Inch	EACH	\$ 1,565.00
653.0140	Pull Boxes Steel 24x42-Inch	EACH	\$ 1,590.00
653.0154	Pull Boxes Non-Conductive 24x36-Inch	EACH	\$ 2,440.00
653.0164	Pull Boxes Non-Conductive 24x42-Inch	EACH	\$ 2,470.00
653.0900	Adjusting Pull Boxes	EACH	\$ 500.00
653.0905	Removing Pull Boxes	EACH	\$ 250.00
654.0101	Concrete Bases Type 1	EACH	\$ 2,340.00
654.0102	Concrete Bases Type 2	EACH	\$ 2,925.00
654.0105	Concrete Bases Type 5	EACH	\$ 2,800.00
654.0110	Concrete Bases Type 10	EACH	\$ 13,155.00
654.0113	Concrete Bases Type 13	EACH	\$ 24,130.00
654.0120	Concrete Bases Type 10-Special	EACH	\$ 13,300.00
654.0217	Concrete Control Cabinet Bases Type 9 Special	EACH	\$ 3,565.00
655.0230	Cable Traffic Signal 5-14 AWG	LF	\$ 3.00
655.0240	Cable Traffic Signal 7-14 AWG	LF	\$ 3.50
655.0250	Cable Traffic Signal 9-14 AWG	LF	\$ 3.77
655.0260	Cable Traffic Signal 12-14 AWG	LF	\$ 4.80
655.0270	Cable Traffic Signal 15-14 AWG	LF	\$ 5.45
655.0305	Cable Type LF 2-12 AWG Grounded	LF	\$ 1.74
655.0510	Electrical Wire Traffic Signals 12 AWG	LF	\$ 1.23
655.0515	Electrical Wire Traffic Signals 10 AWG	LF	\$ 1.34
655.0700	Loop Detector Lead In Cable	LF	\$ 3.05
655.0800	Loop Detector Wire	LF	\$ 1.15
657.0100	Pedestal Bases	EACH	\$ 350.00
657.0255	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH	\$ 610.00
657.0305	Poles Type 2	EACH	\$ 3,540.00
657.0310	Poles Type 3	EACH	\$ 7,580.00
657.0322	Poles Type 5-Aluminum	EACH	\$ 2,770.00
657.0345	Poles Type 9	EACH	\$ 12,350.00
657.0347	Poles Type 9-Special	EACH	\$ 15,225.00
657.0350	Poles Type 10	EACH	\$ 14,780.00
657.0352	Poles Type 10-Special	EACH	\$ 18,230.00
657.0355	Poles Type 12	EACH	\$ 20,740.00
657.0360	Poles Type 13	EACH	\$ 23,775.00
657.0425	Traffic Signal Standards Aluminum 15-FT	EACH	\$ 740.00
657.0515	Monotube Arms 15-FT	EACH	\$ 8,010.00
657.0520	Monotube Arms 20-FT	EACH	\$ 8,645.00
657.0525	Monotube Arms 25-FT	EACH	\$ 9,110.00
657.0530	Monotube Arms 30-FT	EACH	\$ 10,715.00
657.0535	Monotube Arms 35-FT	EACH	\$ 15,375.00
657.0536	Monotube Arms 35-FT-Special	EACH	\$ 11,350.00
657.0540	Monotube Arms 40-FT	EACH	\$ 15,950.00
657.0541	Monotube Arms 40-FT-Special	EACH	\$ 11,640.00
657.0545	Monotube Arms 45-FT	EACH	\$ 18,715.00
657.0546	Monotube Arms 45-FT-Special	EACH	\$ 12,340.00
657.0550	Monotube Arms 50-FT	EACH	\$ 20,670.00
657.0555	Monotube Arms 55-FT	EACH	\$ 23,140.00
657.0595	Trombone Arms 25-FT	EACH	\$ 2,510.00
657.0614	Luminaire Arms Single Member 4-Inch Clamp 8-FT	EACH	\$ 725.00
657.0815	Luminaire Arms Steel 15-FT	EACH	\$ 1,690.00
658.0173	Traffic Signal Face 35 12-Inch	EACH	\$ 1,260.00
658.0174	Traffic Signal Face 45 12-Inch	EACH	\$ 1,480.00
658.0416	Pedestrian Signal Face 16-Inch	EACH	\$ 800.00
658.0500	Pedestrian Push Buttons	EACH	\$ 435.00
658.5069	Signal Mounting Hardware	LS	NA
Refer to Attachment D - Supplemental Specifications.			
3.1	Mobilization	LS	NA
3.2	Traffic Control	LS	NA
3.3	Erosion Control and Restoration	LS	NA
3.4	Remove and Replace LED Module	EACH	\$ 245.00
3.5	Remove and Replace Traffic Signal Face	EACH	\$ 565.00
3.6	Remove and Replace Luminaires Utility	EACH	\$ 590.00
3.7	Install Department Furnished Traffic Signal Cabinet	EACH	\$ 3,000.00
3.8.1	Install Department Furnished Monotube Pole Type 9/10 and Monotube Arm	EACH	\$ 7,500.00
3.8.2	Install Department Furnished Monotube Pole Type 9/10-Special and Monotube Arm	EACH	\$ 8,100.00
3.8.3	Install Department Furnished Monotube Pole Type 12/13 and Monotube Arm	EACH	\$ 9,500.00
3.8.4	Install Department Furnished Monotube Luminaire Arm	EACH	\$ 1,000.00
3.9	Cabinet Check	EACH	\$ 1,250.00
3.10	Electrician	HOURL	\$ 180.00
3.11	Technician	HOURL	\$ 350.00
3.12	Laborer	HOURL	\$ 100.00