

MILWAUKEE TRANSPORT SERVICES, INC. OPERATOR OF THE
MILWAUKEE COUNTY TRANSIT SYSTEM

REQUEST FOR QUALIFICATIONS
RFQ 2020-01

EAST-WEST BUS RAPID TRANSIT CONSTRUCTION PROJECT

Qualification Packages Due: December 22, 2020 @ 2:00PM CST

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Appendix A: Bid Template

GLOSSARY OF TERMS

Bidding Documents	Documents used when requesting bids for the Project
BRT	Bus Rapid Transit
Contractor	Construction contractor
Closing Date	The date after which there will be no additional opportunities to qualify
DBE	Disadvantaged Business Enterprise
FTA	Federal Transit Administration
IFB	Invitation for Bid
Key Personnel	Key Personnel listed in Section 3.3
MCTS ¹	Milwaukee County Transit System
MTS	Milwaukee Transport Services, Inc.
Prime Contractor	The primary firm responsible for the management of the Proposer
Project	East-West Bus Rapid Transit Construction Project
Proposer	Offeror defined as company, team, joint venture, partnership or consortium submitting a Qualification Package in response to this RFQ
Qualification Package	Unpriced technical offer submitted in response to this RFQ
RID	Reference Information Documents
RFQ	Request for Qualifications
SSGA	Small Starts Grant Agreement

¹ Unless specifically noted otherwise, for the general purpose of this RFQ, MTS and MCTS are used interchangeably.

1.0 INTRODUCTION AND PROCESS

The Milwaukee County Transit System (MCTS) operated by the Milwaukee Transport Services, Inc. (MTS), a quasi-governmental instrumentality of Milwaukee County, Wisconsin, in partnership with the Federal Transit Administration (FTA), submits this Request for Qualifications (RFQ) for construction of the East-West Bus Rapid Transit (BRT) Construction Project (Project) in Milwaukee County, Wisconsin. This RFQ outlines information to include in the Qualifications Package from entities (Proposers) interested in serving as the Construction Contractor (Contractor) for the BRT Project. The purpose of the RFQ is to enable MCTS to determine qualified Proposers to successfully construct the first BRT Project in the state of Wisconsin.

The Project will be funded by Milwaukee County, as the recipient of an FTA Full Funding Grant Agreement (FFGA) administered through the Small Starts Capital Investment Grant Program. Thus, all Proposers are required to adhere to all pertinent federal, state and local requirements.

Milwaukee County and MTS make no guarantee that Bidding Documents will be issued for this Project.

1.1 Procurement Process

MTS will use a two-step procurement process to select a Contractor to enter into a contract to complete the Project. The two-step process consists of (1) evaluation of the Qualification Package; and (2) consideration of price for those bids that are determined to be technically acceptable. Under the first step, MTS may initiate requests for clarification and/or discussions with a Proposer(s) as needed. This RFQ is issued as the first phase to solicit information in the form of a Qualification Package. MTS will evaluate and identify, using an objective pass/fail criteria set forth in this RFQ (see Section 3.0), Qualification Packages that are acceptable, potentially acceptable, or unacceptable/nonresponsive. Prequalified Proposers will receive the Invitation for Bid (IFB) as part of phase two of this procurement.

Following the prequalification of Proposers (procurement of phase one) and the execution of the Small Starts Grant Agreement (SSGA) by the FTA, MTS will issue an IFB during phase two. Only prequalified Proposers who have submitted acceptable qualification packages will be eligible to submit a bid during phase two.

The IFB will provide requirements and guidance regarding bidding during phase two of this procurement. *Appendix A* provides an example of what the bidding documents could look like in the IFB. The IFB will provide official guidance for the required submittals during phase two. This serves as an example only.

During phase two and after considering the bids, an award can then be made to the lowest, responsive and responsible bidder.

To allow receipt of any addenda or other information regarding this RFQ, each Proposer is solely responsible for ensuring that MCTS's Director of Materials Management, Stephanie Baker,

(sbaker@mcts.org), has its contact person name and e-mail address. If an entity intends to submit as part of a team, a single Qualification Package shall be submitted by the proposing team with a single point of contact. The Proposer must keep its contact information current with MCTS. MCTS is not responsible for forwarding addenda or other information to incorrect or non-current addresses. The contact person is responsible for distributing all information to its team members.

1.2 Virtual Project Walk-Through

At the e-mail request of the Proposer to Stephanie Baker (sbaker@mcts.org), MCTS will provide an invitation for an optional, yet highly encouraged, virtual project walk-through, tentatively scheduled on December 3, 2020, from 10 AM to 12 PM. Note that this date/time is subject to change.

MCTS will host a virtual Project walk-through to provide information on the Project and to summarize Project features. Following the virtual Project walk-through, MCTS will email a link providing access to the resources used during the virtual Project walk-through.

1.3 MCTS Contact

No verbal responses or questions to any agent of MTS or MCTS shall be acted upon. All questions should be directed via email to Stephanie Baker, Director of Materials Management: sbaker@mcts.org. All questions must be received by the date identified in Section 2.2. Only written responses issued by MCTS shall be considered in the Proposer's Qualification Package.

During the procurement process, commencing with issuance of this RFQ and continuing until the award of a contract for the Project (or cancellation of the procurement), no employee, member or agent of any Proposer shall have any ex parte communications regarding this procurement with any member of Milwaukee County, MTS, MCTS or the FTA, their advisors (i.e. cities, counties) or any of their contractors or consultants involved with the procurement, except for communications expressly permitted by the MCTS Director of Materials Management and this RFQ.

Any Proposer engaging in such prohibited communications may be disqualified at the sole discretion of Milwaukee County and MTS.

1.4 Reference Information Document Request

At the e-mail request of the Proposer to Stephanie Baker (sbaker@mcts.org), MCTS will provide a link to Reference Information Documents (RID) to assist the Proposer in their general understanding of the Project during step one only. The Proposer has no right to rely on the RID except to the extent specifically permitted in this RFQ. MCTS does not represent or warrant that the information contained in the RID is either complete or accurate with respect to information to be included with step two, IFB. MCTS intends for the Proposer to indemnify and hold harmless Milwaukee County, MTS, MCTS or the FTA, their advisors (i.e., cities, counties) or any

of their contractors or consultants involved with the procurement and others with respect to Proposer's use of the RID other than to the extent allowed by this RFQ.

1.5 Questions and Clarifications

Questions and requests for clarification regarding this RFQ must be submitted via email to MCTS' Director of Materials Management. To be considered, all questions and requests must be received by the date and time identified in Section 2.2.

MCTS reserves the right to revise this RFQ at any time before the Qualification Package submittal deadline. Such revisions, if any, will be announced by addenda to this RFQ and posted to <https://www.ridemcts.com/business-partners/ebid>.

MCTS will post any addendums or clarifications to the RideMCTS.com website.

1.6 Changes to Organizational Structure

Proposer, including proposer component firm/team members, and Key Personnel identified in the Qualification Package shall not be removed, replaced, or added prior to or during the construction of the Project without MCTS' prior written authorization. If any Proposer's team member or Key Personnel identified in a prequalified Proposer's Qualification Package is removed, replaced, or added without MCTS' prior written authorization, MCTS may determine, in its sole discretion, that the Proposer's Qualification Package or bid is non-responsive and/or the Contractor is in breach of contract.

1.7 Equal Employment Opportunity

"Notice of Requirements for Affirmative Action to ensure Equal Employment Opportunity" will be included in the IFB for the Project.

1.8 Disadvantaged Business Enterprises

Guidance regarding the Disadvantaged Business Enterprise goals for the project will be included in the IFB for the project. The DBE Utilization Specifications and forms to be used will be included in the IFB. It is anticipated that the goal for this Project will be 25% DBE participation.

1.9 Milwaukee County Contractor Qualification

Prequalified Proposers must have a Contractor Qualification Statement on file no less than five days before the bid closing date in order to qualify to submit a bid on the Project. Qualification Statements are only requested for Prime Contractors. A Contractor Qualification Statement is not required for submission of a Qualification Package as identified in this RFQ.

Prequalified Proposers will receive further guidance in the IFB. Additional information regarding a Contractor Qualification Statement can be found at:

<https://mke.diversitycompliance.com/?TN=mke>.

1.10 COVID-19 Reporting Requirements

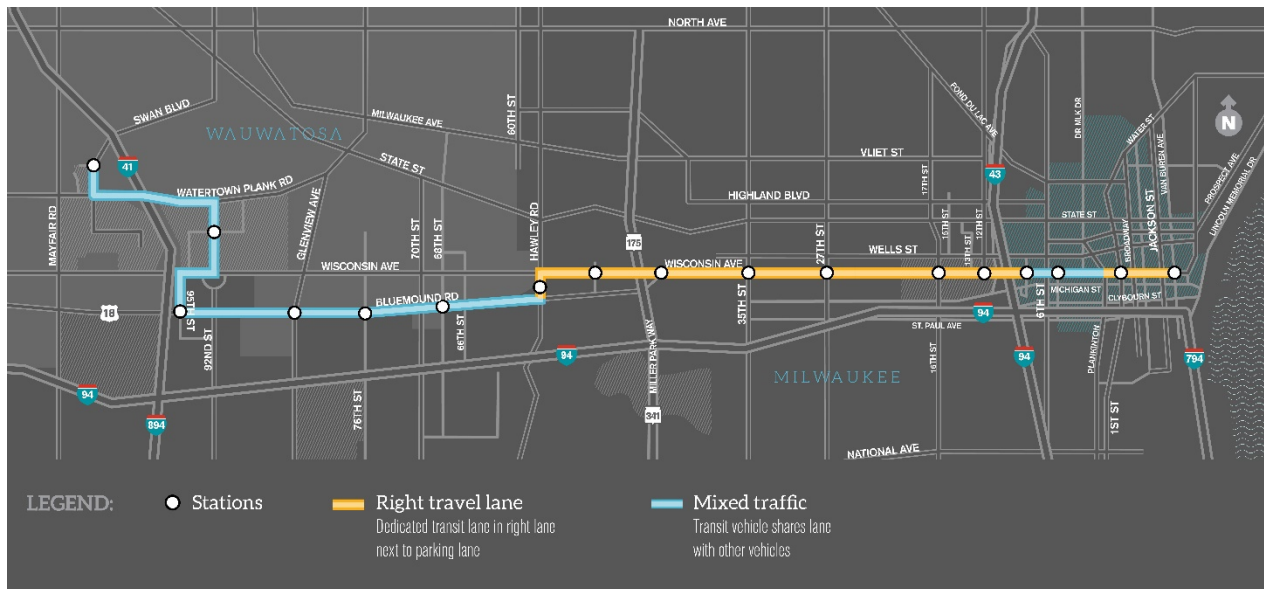
The IFB will provide requirements and guidance regarding COVID-19 Safety Protocols. Instruction to bidders will define the required submittals for an apparent low bidder, as well as describing the process for review and approval by Milwaukee County.

2.0 BACKGROUND INFORMATION

2.1 Project Description; Scope of Work

The Project will construct MCTS’ planned 9-mile, regional, modern transit service connecting major employment, education and recreation destinations through downtown Milwaukee, Milwaukee’s Near West Side, Marquette University, Wauwatosa and the Milwaukee Regional Medical Center (MRMC). The first project of its kind in Wisconsin, the Project would provide improved access to the region’s most vital, most traveled and most congested corridor. Figure 1 shows the alignment and station locations.

Figure 1: Project Alignment and Stations



Planning and design of the Project have been underway since 2016. MCTS completed an Environmental Assessment (EA) for this Project and received a Finding of No Significant Impact (FONSI) from FTA, a requirement for a Capital Investment Grant (CIG) project.

MCTS worked closely with the Wisconsin Department of Transportation (WisDOT), City of Milwaukee, City of Wauwatosa, FTA, businesses, and residents throughout the Project.

The Project generally consists of:

- Removals/demolition
- Concrete pavement
- Snowmelt systems
- Grading
- Base course
- Pavement markings

- Concrete curb & gutter
- Sidewalk storm sewer
- Signing
- Street lighting
- Transit signal priority
- Shelters
- Vehicle charger
- Public outreach
- Maintenance of traffic
- Document management and reporting
- Quality management
- Compliance with local, state, and federal requirements
- All incidental items necessary to complete the work as shown in the plans and included in the Bidding Documents

Additional information regarding the Project can be found on the following website:
<http://www.eastwestbrt.com/>.

2.2 Project Schedule

The deadline for submitting RFQ questions and submitting the Qualification Package is stated below. MTS also anticipates additional Project milestone dates to be included in the IFB. The following dates are subject to change.

Issue RFQ	November 20, 2020
Virtual Project Walk-Through	December 3, 2020
Deadline for submitting RFQ questions	December 11, 2020, 4:00 P.M. (CST)
Deadline for submitting Qualification Package	December 22, 2020, 2:00 P.M. (CST)
Evaluation of Qualification Packages ¹	December 23, 2020 to January 13, 2021
Closing Date	January 14, 2021
Publish list of prequalified Proposers	January 18, 2021
IFB	January 19, 2021
Prebid Meeting	February 11, 2021
Bids Due	February 23, 2021, 2:00 P.M. (CST)
Award	March 22, 2021

2.3 Anticipated Bonding Requirements

See instructions in Section 1.4 to access RIDs for additional information on anticipated bonding requirements.

3.0 CONTENT AND CRITERIA

This section describes specific information that must be included in the Qualification Package. The Qualification Package must follow instructions described in Section 3.0. Proposers shall provide thorough information that addresses the requirements of the Project consistent with the evaluation criteria described in this RFQ.

¹ Evaluation may include requests for clarification, discussions, and opportunities to submit supplemental information amending qualification packages.

MCTS will conduct a pass/fail evaluation of each Qualification Package using pass/fail factors set forth below.

Sections 3.1 through 3.4 describe the information that is required and how it will be evaluated during the prequalification process.

Date and Time of Receipt

The Proposers can mail, deliver, or electronically submit the Qualification Package to MCTS no later than the date identified in Section 2.2. MCTS will not accept any submittals delivered or submitted after this deadline. E-mailed Qualification Packages will not be accepted.

Submittal Address

Proposers are to submit their Qualification Package via a single email to Stephanie Baker, sbaker@mcts.org, with:

- All documents attached to one email
- Subject line: RFQ 2020-01 BRT Construction

Submittal Format

The email submittal attachments for the Qualification Package shall consist of the following:

- Electronic file name should clearly provide the Project name, RFQ number, submittal date, Proposer's name
- One electronic copy in "PDF" format of the Qualification Package
- Font size should be no smaller than 10 pt.
- Page size should be 8½" x 11"; foldouts shall not exceed 11" x 17" and will be counted as two pages.
- Maximum number of pages: 51 pages. Unused space for a section may not be allocated to another section. Cover and section dividers do not count toward the total page count.
- Graphics are allowed within the page limitation but must be legible.
- Page margins (distance between the edge of the page and the body of the proposal) shall be one inch on the top, bottom, left, and right sides of the page.

MCTS reserves the right to disregard Qualification Packages that do not comply with the format provided above.

3.1 Introduction

Provide a cover letter stating the Proposer name, address, business type (e.g., corporation, partnership, joint venture) and roles of the Proposer and, if applicable, each firm of the Proposing Team. Identify one contact person, contact person's address, telephone and fax numbers, and e-mail address. This person shall be the single point of contact on behalf of the Proposer's correspondence to and from the Proposer and MCTS. MCTS will send all applicable Project-related communications to this contact person. Authorized representatives of the

Proposer must sign the cover letter. If the Proposer is a joint venture, the joint venture members must sign the cover letter. The letter must certify the truth and correctness of the contents of the Qualification Package. The cover letter shall be limited to one page.

The Introduction must also include a Table of Contents. The Table of Contents shall be limited to one page.

3.1.1 Introduction Pass/Fail Criteria

A Qualification Package will pass the introduction criteria if the package contains a cover letter and table of contents meeting the requirements identified in Section 3.1.

Page limit:

Cover letter	One page
Table of contents	One page

3.2 Proposer Description, Experience, and WisDOT Prequalification

Proposer Description

Provide a three-page overview and introduction to the Proposer’s organizational chart, including the Proposer’s Prime Contractor and firm/members. Provide a description and organizational chart including, but not limited to:

- Prime Contractor and work and percentage of total work to be performed by the Prime Contractor for the Project
- Other Proposer firm/team members (if different from the Prime Contractor) and work and percentage of total work to be performed by each firm/team member for the Project
- Identify which team members are DBE firms
- Firm/team member(s) responsible for shelter manufacturing and installation
- Firm/team member(s) responsible for overhead charging infrastructure installation
- Key Personnel
 - Project Manager – to be on-site for a minimum of 75% of the construction through completion of the Project
 - Superintendent – to be on-site for 100% of the construction through completion of the Project
 - Public Relations Manager

Experience

Describe the Proposer’s experiences on transportation projects that the Proposer has managed and constructed. Highlight experience of up to ten projects relevant to the Project that the Proposer has completed within the past five years.

Each project description must include the following information:

- a) A brief narrative describing the project;

- b) Name of the project, the owner's contact information (project manager name, phone number, e-mail address), and project number. If the owner's project manager is no longer with the owner, provide an alternative contact at the agency that is familiar with the project. The alternative contact must have held leadership role for the owner during the project.
- c) Dates of construction, management and/or warranty periods;
- d) Description of the work or services provided, value of the contract earned by the Proposer, broken out by Proposer's Prime Contractor and firm/members, and percentage of the overall project actually performed by the Proposer, broken out by Proposer's Prime Contractor and firm/members;
- e) Description of scheduled completion deadlines and actual completion dates. If applicable, describe reasons for completing the project in advance of the completion deadline or reasons for completing the project later than the completion deadline specified within the original contract.

Additionally, the Proposer must demonstrate project experience in each of the following areas:

- Federally funded project experience
- Experience with WisDOT Standard Specifications, Special Provisions, Construction and Material Manual, Manual of Uniform Traffic Control Devices, and other typical WisDOT procedures
- Experience with projects of similar scope and complexity
- Urban (population of 50,000+) roadway reconstruction projects
- Shelter manufacturing and installation
- Snowmelt system installation
- Utility relocations and coordination with private utilities
- Traffic signal modifications
- Use of a qualified high voltage (greater than 50 volts (AC and DC)) infrastructure specialist for the overhead vehicle charging infrastructure installation

Relevant experience should be no more than 20 pages.

WisDOT Prequalification

Proposer shall identify and confirm that a Proposer's firm/team member has a maximum capacity rating for the WisDOT approved classes of work described in Table 1, for the work they would perform on the Project. (<https://wisconsin.gov/Pages/doing-bus/contractors/hcci/prequal.aspx>):

Table 1. WisDOT Approved Classes of Work

CLASS	DESCRIPTION	PREQUALIFIED (Yes/No)	FIRM NAME
A	General Construction		
B	Grading		
C	Concrete Pavement		
D	Asphaltic Pavement		
E	Gravel and Crushed Stone		
F	Structures		
I	Street or Airport Lighting		
J	Building Construction		
K	Incidental Construction		

Proposer will provide a list identifying and confirming the name of at least one firm/team member that is prequalified for WisDOT’s prequalification in each Class/Description from Table 1.

Proposer’s confirmation of WisDOT’s Prequalification in classes of work should be one page.

3.2.1 Proposer Description, Experience, and WisDOT Prequalification Pass/Fail Criteria

A Qualification Package will pass Proposer description and experience criteria if the package contains project experience and WisDOT prequalification confirmation demonstrating qualifications meeting the requirements requested in Section 3.2.

Page limit:

Proposer Description	Three pages
Experience	20 pages
WisDOT Prequalification	One page

3.3 Key Personnel

Key Personnel

Resumes for Key Personnel are to be included. Resumes should be limited to three pages each and provide the following information:

- Total years of professional experience performing the work the individual would perform on this Project.
- Project experience over the past 10 years; including project names, locations and total construction costs; the individual’s start and end dates on each project; the individual’s role on each project (e. g., project manager, utility coordinator); the duties performed on each project; and the owners’ current and accurate contact information, including telephone numbers and e-mail addresses.
- If applicable, each resume shall highlight the individual’s relevant transit-related project experience.

Key Personnel shall have the minimum qualifications described below. Qualifications shall be described in their respective resumes (no individual may be proposed for more than one Key Personnel role).

- 1) Project Manager. The individual proposed for this position must have no less than 15 years of urban reconstruction project management experience, and at least two urban roadway projects each having a construction value in excess of \$15,000,000. It is preferred, but not required, that this individual has experience with the requirements of a federally funded roadway project.
- 2) Superintendent. The individual proposed for this position must have no less than seven years of urban roadway construction as a superintendent with at least two roadway projects each having a construction value in excess of \$15,000,000. It is preferred, but not required, that this individual has experience with the requirements of a federally funded roadway project.

Note: The Project Manager and/or the Superintendent must have experience that includes: (i) managing environmental investigations; (ii) identifying and implementing mitigation strategies for potential project risks managing cleanups; (iii) managing mitigation measures related to remedial and civil construction projects; (iv) implementing contaminated materials management and hazardous waste disposal plans; (v) coordination with permitting and regulating authorities; (vi) reporting; and (vii) directing field activities relating to environmental compliance. It is preferred, but not required, that the Project Manager and/or Superintendent have experience with managing risk assessments;

- 3) Public Relations Manager. The individual proposed for this position must have no less than five years of urban roadway construction as a public relations manager with at least two urban roadway projects, each having a construction value in excess of \$15,000,000. It is preferred, but not required, that this individual has experience with the requirements of a federally funded roadway project.

3.3.1 Key Personnel Pass/Fail Criteria

A Qualification Package will pass this criteria if the package contains resumes for the Key Personnel (Project Manager, Superintendent, Public Relations Manager) with qualifications meeting the information requested in Section 3.3.

Page limit:

Project Manager Resume	Three pages
Superintendent Resume	Three pages
Public Relations Manager Resume	Three pages

3.4 Management Approach and Past Project Experience

Proposed management approach to the Project: The Proposer is to provide an overview of the proposed management approach and goals for the Project for the following four topics.

1. Public Outreach
2. Maintenance of Traffic
3. Quality Management System for Quality Control
4. Safety Program

The proposed management approach to the Project should be no more than two pages per topic (eight pages total).

Past Project Experience: The Proposer shall also provide examples demonstrating Proposer has project experience developing plans (Proposer shall state goals of the plans) that successfully addressed each of the following four topics on past projects. Proposer shall demonstrate, and provide examples, that Proposer successfully executed the plans on urban reconstruction project(s) within the past five years:

1. Public Outreach
2. Maintenance of Traffic
3. Quality Management System for Quality Control
4. Safety Program

Examples should be no more than two pages per topic (eight pages in total).

3.4.1 Management Approach and Past Project Experience Pass/Fail Criteria

Proposed management approach to the Project: A Qualification Package will pass the proposed management approach criteria if Proposer provides an overview of an approach (Proposer shall state goals of each approach) to address each of the four topics as it relates to the Project.

Proposed management approach page limit:

Public Outreach	Two pages
Maintenance of Traffic	Two pages
Quality Management System for Quality Control	Two pages
Safety Program	Two pages

Past Project Experience: A Qualification Package will pass the past project experience criteria if the package provides examples demonstrating Proposer has project experience developing plans (Proposer shall state goals of each plan) that successfully addressed each of the following four topics on past projects. Proposer shall demonstrate and provide examples that Proposer successfully executed the plans and addressed the four topics on urban reconstruction project(s) within the past five years.

Past Project Experience page limit:

Public Outreach plan and successful execution	Two pages
Maintenance of Traffic plan and successful execution	Two pages
Quality Assurance Program plan and successful execution	Two pages
Safety Program execution	Two pages

4.0 PREQUALIFIED PROPOSERS

In order for a Proposer to prequalify for the Project's bidding, the Proposer's Qualification Package must be responsive and receive a "pass" on all the pass/fail criteria identified in Section 3.0. If a Proposer fails to meet these requirements, MCTS shall not prequalify the Proposer.

Qualification Packages will be opened in front of two or more authorized MCTS employees and will not be disclosed to any unauthorized personnel. After evaluation of the Qualification Packages, MCTS will identify a list of prequalified Proposers.

All Proposers will be notified of the prequalified list. MTS will e-mail the notice to the contact provided in the Qualification Package introduction.

5.0 COST OF PREPARING QUALIFICATION PACKAGES

MCTS assumes no obligations, responsibility, and liabilities, fiscal or otherwise, to reimburse all or part of the costs incurred or alleged to have been incurred by parties responding to this RFQ. All such costs shall be borne solely by the Proposer.

6.0 PROTEST PROCEDURES

All protests must be in writing, stating the name and address of protestor, a contact person, contact number and title. Protests shall specify in detail the grounds of the protest and the facts supporting the protest.

All protests must be addressed to:

Stephanie Baker, Director of Materials Management
MCTS Administrations – Room 104
1942 N. 17th Street
Milwaukee, WI 53205

MTS may not consider protests not properly addressed to the address shown above. Calculation of time in days and hours shall exclude Saturdays, Sundays and major holidays.

A. Prior to RFQ due date:

1. Protests to form and content of this RFQ shall be received by the Director of Materials Management no less than five days prior to the scheduled RFQ due date. Protests shall be in writing and state the reason for it.
2. The Director of Materials Management, or their designee, shall review protests and if modification is necessary, the Director shall extend the RFQ due date and issue an addendum containing the changes. If the modification is rejected, the protestor shall be notified. The decision of the Director of Materials Management is final.

B. After the RFQ due date:

1. Protests concerning irregularities on RFQ procedures shall be received by the Director of Materials Management within 72 hours after the RFQ due date.

2. When the prequalified Proposers are identified, all Proposers shall be notified by e-mail or by fax machine transmission. Protest to the prequalified firms must be delivered to the Director of Materials Management within 72 hours after receipt of the notice. A copy of the sent e-mail transmission shall be conclusive proof of the time and date of receipt by a Proposer.
 3. A protest under either (B.1.) or (B.2.) must be in writing and state the reason for it. The Director of Materials Management, or their designee, shall review the protest and notify the protestor of a decision in writing via e-mail or via certified mail return receipt requested, within five days. No IFB will be issued while a protest is pending. A protest that is untimely or fails to clearly state the reason for it is invalid. The decision of the Director of Materials Management disqualifying the protest for these reasons is final and cannot be appealed. A copy of the sent e-mail shall be conclusive proof of the time and date of receipt by a Proposer.
- C. Appeals to Appeals committee:
1. Protest from the decision of the Director of Materials Management, or their designee, shall be made to the Appeals Committee by delivering a written request for appeal hearing both to the Materials Management Department and the Appeals Committee within 72 hours after the receipt of the Director of Materials Management's decision.
 2. Written appeals to the Appeals Committee shall be addressed as follows:
Appeals Committee
C/O MCTS Materials Management, Room 104
1942 North 17th Street
Milwaukee, WI 53205
 3. The request shall state the grounds upon which the protest is based and shall request an appeal hearing. No contract shall be awarded until the final disposition of the protest.
 4. The Chairperson of the Appeals Committee shall notify all interested persons of the time and place of the hearing.
 5. The Appeals Committee shall affirm, reverse or modify the decision of the Director of Materials Management and its' decision shall be final.

FTA Review

After such administrative remedies have been exhausted, an interested party may file a protest with the Federal Transit Administration of the U.S. Department of Transportation pursuant to the procedures provided in the FTA C 4220.1 for its successor. FTA review is limited to MTS' alleged failure to have written protest procedures, the alleged failure of MTS to follow those procedures, the alleged failure of MTS to review a protest or the alleged violation of federal law or regulation.

Appendix A: Bid Template

The following pages provide an example bid template for what may be included in the bidding documents. The IFB will provide specific guidance and requirements.

Standard Cost Category (SCC)* Summary Bid

FOR INFORMATIONAL PURPOSES ONLY – NOT FOR CONSTRUCTION

SCC Category	SCC Descriptions	COST (\$)
10	GUIDEWAY & TRACK ELEMENTS	\$
	10.02 Guideway: At-grade semi-exclusive (allows cross-traffic)	\$
	10.03 Guideway: At-grade in mixed traffic	\$
20	STATIONS, STOPS, TERMINALS, INTERMODAL TOTAL	\$
	20.01 At-grade station, stop, shelter, mall, terminal platform	\$
40	SITework & SPECIAL CONDITIONS TOTAL	\$
	40.01 Demolition, Clearing, Earthwork	\$
	40.02 Site Utilities, Utility Relocation	\$
	40.06 Pedestrian/bike access and accommodation, landscaping	\$
	40.07 Automobile, bus, van accessways including roads, parking lots	\$
	40.08 Temporary Facilities and other indirect costs during construction	\$
50	SYSTEMS	\$
	50.02 Traffic signals and crossing protection	\$
	CONSTRUCTION TOTAL	\$

* The Federal Transit Administration (FTA) uses the Standard Cost Categories (SCC) to establish a consistent format for the reporting, estimating, and managing of capital costs for Small Starts Projects.

**SCHEDULE of QUANTITIES
FOR INFORMATIONAL PURPOSES ONLY – NOT FOR CONSTRUCTION**

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY	Unit Price	Bid Amount
40.01	201.0120	Clearing	ID	223.00	\$ -	\$ -
40.01	201.0220	Grubbing	ID	223.00	\$ -	\$ -
40.01	204.0100	Removing Concrete Pavement	SY	11,547.00	\$ -	\$ -
40.01	204.0155	Removing Concrete Sidewalk	SY	4,381.00	\$ -	\$ -
40.01	204.0195	Removing Concrete Bases	EACH	25.00	\$ -	\$ -
40.02	204.0210	Removing Manholes	EACH	2.00	\$ -	\$ -
40.02	204.0215	Removing Catch Basins	EACH	10.00	\$ -	\$ -
40.02	204.0220	Removing Inlets	EACH	1.00	\$ -	\$ -
40.02	204.0245	01. Removing Storm Sewer 8"	LF	19.00	\$ -	\$ -
40.02	204.0245	02. Removing Storm Sewer 12"	LF	137.00	\$ -	\$ -
40.02	204.0245	03. Removing Storm Sewer 18"	LF	194.00	\$ -	\$ -
40.02	204.0291.S	Abandoning Sewer	CY	1.10	\$ -	\$ -
40.01	205.0100	Excavation Common	CY	3,530.00	\$ -	\$ -
10.02	211.0500	Prepare Foundation for Base Aggregate	STA	47.00	\$ -	\$ -
10.03	211.0500	Prepare Foundation for Base Aggregate	STA	18.00	\$ -	\$ -
10.02	213.0100	Finishing Roadway (project)	EACH	1.00	\$ -	\$ -
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	2,161.00	\$ -	\$ -
10.03	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	469.00	\$ -	\$ -
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	2,149.00	\$ -	\$ -
40.07	312.0110	Selcted Crushed	TON	200.00	\$ -	\$ -
10.02	405.0100	Coloring Concrete WisDOT Red	CY	217.00	\$ -	\$ -
10.02	405.1000	Stamping Colored Concrete	CY	217.00	\$ -	\$ -
10.02	415.0120	Concrete Pavement 12-Inch	SY	5,232.00	\$ -	\$ -
10.03	415.0120	Concrete Pavement 12-Inch	SY	1,404.00	\$ -	\$ -
40.07	415.1120	Concrete Pavment HES 12-Inch	SY	500.00	\$ -	\$ -
40.07	416.0180	Concrete Driveway 8-Inch	SY	35.00	\$ -	\$ -
40.07	416.0270	Concrete Driveway HES 7-Inch	SY	49.00	\$ -	\$ -
40.07	416.0610	Drilled Tie Bars	EACH	2,323.00	\$ -	\$ -
40.07	416.0620	Drilled Dowel Bars	EACH	1,029.00	\$ -	\$ -
40.07	460.5223	HMA Pavement 3 LT 58-28 S	TON	32.00	\$ -	\$ -
40.07	460.5224	HMA Pavement 4 LT 58-28 S	TON	25.00	\$ -	\$ -
40.07	465.0105	Asphaltic Surface	TON	40.00	\$ -	\$ -
40.07	601.0205	Concrete Gutter 24-Inch	LF	2,130.00	\$ -	\$ -
40.07	601.0319	Concrete Curb & Gutter 19-Inch	LF	177.00	\$ -	\$ -

SCHEDULE of QUANTITIES
FOR INFORMATIONAL PURPOSES ONLY – NOT FOR CONSTRUCTION

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY	Unit Price	Bid Amount
40.07	601.0322	Concrete Curb & Gutter 22-Inch	LF	213.00	\$ -	\$ -
40.07	601.0331	Concrete Curb & Gutter 31-Inch	LF	2,718.00	\$ -	\$ -
40.07	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	541.00	\$ -	\$ -
40.06	601.0600	Concrete Curb Pedestrian	LF	369.00	\$ -	\$ -
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	53,413.00	\$ -	\$ -
40.06	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	3,133.00	\$ -	\$ -
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	798.00	\$ -	\$ -
20.01	602.1500	Concrete Steps	SF	205.00	\$ -	\$ -
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	27.00	\$ -	\$ -
40.02	608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF	525.00	\$ -	\$ -
40.02	608.0418	Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	LF	95.00	\$ -	\$ -
40.02	611.0420	Reconstructing Manholes	EACH	4.00	\$ -	\$ -
40.02	611.0410	Reconstructing Catch Basins	EACH	2.00	\$ -	\$ -
40.02	611.0530	Manhole Covers Type J	EACH	1.00	\$ -	\$ -
40.02	611.0624	Inlet Covers Type H	EACH	5.00	\$ -	\$ -
40.02	611.1230	Catch Basins 2x3-FT	EACH	1.00	\$ -	\$ -
40.02	611.2005	Manholes 5-FT Diameter	EACH	1.00	\$ -	\$ -
40.02	611.2006	Manholes 6-FT Diameter	EACH	1.00	\$ -	\$ -
40.02	611.8110	Adjusting Manhole Covers	EACH	16.00	\$ -	\$ -
40.02	611.8115	Adjusting Inlet Covers	EACH	11.00	\$ -	\$ -
40.02	612.0902.S	Insulation Board Polystyrene 2-Inch	SY	11.10	\$ -	\$ -
40.08	619.1000	Mobilization	EACH	1.00	\$ -	\$ -
40.06	620.0300	Concrete Median Sloped Nose	SF	112.00	\$ -	\$ -
40.08	624.0100	Water	MGAL	95.70	\$ -	\$ -
40.06	625.0100	Topsoil	CY	57.00	\$ -	\$ -
40.08	628.1905	Mobilizations Erosion Control	EACH	33.00	\$ -	\$ -
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	11.00	\$ -	\$ -
40.08	628.7010	Inlet Protection Type B	EACH	29.00	\$ -	\$ -
40.08	628.7015	Inlet Protection Type C	EACH	81.00	\$ -	\$ -
40.06	629.0210	Fertilizer Type B	CWT	0.57	\$ -	\$ -
40.06	631.0300	Sod Water	MGAL	15.71	\$ -	\$ -
40.06	631.1000	Sod Lawn	SY	889.00	\$ -	\$ -
40.06	632.0101	Trees Japanese Lilac 4"	EACH	31.00	\$ -	\$ -
40.06	632.9101	Landscape Planting Surveillance and Care Cycles	EACH	10.00	\$ -	\$ -
40.07	634.0812	Posts Tubular Steel 2x2-Inch x 12-FT	EACH	132.00	\$ -	\$ -
40.07	634.0814	Posts Tubular Steel 2x2-Inch x 14-FT	EACH	5.00	\$ -	\$ -
40.07	637.2210	Signs Type II Reflective H	SF	1,133.25	\$ -	\$ -

SCHEDULE of QUANTITIES
FOR INFORMATIONAL PURPOSES ONLY – NOT FOR CONSTRUCTION

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY	Unit Price	Bid Amount
40.07	637.2230	Signs Type II Reflective F	SF	33.00	\$ -	\$ -
40.07	638.2102	Moving Signs Type II	EACH	35.00	\$ -	\$ -
40.01	638.2602	Removing Signs Type II	EACH	31.00	\$ -	\$ -
40.01	638.3000	Removing Small Sign Supports	EACH	27.00	\$ -	\$ -
40.01	638.4000	Moving Small Sign Supports	EACH	13.00	\$ -	\$ -
40.08	642.5001	Field Office Type B	EACH	1.00	\$ -	\$ -
40.08	643.0300	Traffic Control Drums	DAY	67,188.00	\$ -	\$ -
40.08	643.0410	Traffic Control Barricades Type II	DAY	9,570.00	\$ -	\$ -
40.08	643.0420	Traffic Control Barricades Type III	DAY	10,560.00	\$ -	\$ -
40.08	643.0500	Traffic Control Flexible Tubular Marker Posts	DAY	420.00	\$ -	\$ -
40.08	643.0600	Traffic Control Flexible Tubular Marker Bases	DAY	420.00	\$ -	\$ -
40.08	643.0715	Traffic Control Warning Lights Type C	DAY	8,250.00	\$ -	\$ -
40.08	643.0900	Traffic Control Signs	DAY	25,608.00	\$ -	\$ -
40.08	643.0920	Traffic Control Covering Signs Type II	EACH	3.00	\$ -	\$ -
40.08	643.5000	Traffic Control	EACH	1.00	\$ -	\$ -
40.08	644.1420	Temporary Pedestrian Surface Plywood	SF	5,069.00	\$ -	\$ -
40.08	644.1601	Temporary Pedestrian Curb Ramp	EACH	70.00	\$ -	\$ -
40.08	644.1810	Temporary Pedestrian Barricade	LF	1,991.00	\$ -	\$ -
10.03	646.1020	Marking Line Epoxy 4-Inch	LF	72,468.00	\$ -	\$ -
10.03	646.1555	Marking Line Grooved Contract Permanent Tape 4-Inch	LF	81.00	\$ -	\$ -
10.03	646.5020	Marking Arrow Epoxy	EACH	176.00	\$ -	\$ -
10.03	646.5120	Marking Word Epoxy	EACH	223.00	\$ -	\$ -
10.02	646.5220	Marking Symbol Epoxy	EACH	16.00	\$ -	\$ -
10.03	646.6220	Marking Yield Line Epoxy 18-Inch	EACH	96.00	\$ -	\$ -
10.03	646.7120	Marking Diagonal Epoxy 12-inch	LF	2,285.00	\$ -	\$ -
10.03	646.8120	Marking Curb Epoxy	LF	515.00	\$ -	\$ -
10.03	646.8320	Marking Parking Stall Epoxy	LF	731.00	\$ -	\$ -
40.01	646.9010	Marking Removal Line Water Blasting 4-Inch	LF	36,650.00	\$ -	\$ -
40.01	646.9110	Marking Removal Line Water Blasting 8-Inch	LF	11,597.00	\$ -	\$ -
40.01	646.9210	Marking Removal Line Water Blasting Wide	EACH	1,523.00	\$ -	\$ -
40.01	646.9310	Marking Removal Special Marking	EACH	43.00	\$ -	\$ -
40.08	649.0150	Temporary Marking Line Removable Tape 4-Inch	LF	396.00	\$ -	\$ -
40.08	649.0250	Temporary Marking Line Removable Tape 8-Inch	LF	414.00	\$ -	\$ -
40.08	649.0550	Temporary marking Line Arrow Removable Tape	EACH	9.00	\$ -	\$ -
50.02	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	307.00	\$ -	\$ -
50.02	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	5,501.00	\$ -	\$ -
50.02	652.0605	Conduit Special 2-Inch	LF	32.00	\$ -	\$ -

**SCHEDULE of QUANTITIES
FOR INFORMATIONAL PURPOSES ONLY – NOT FOR CONSTRUCTION**

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY	Unit Price	Bid Amount
50.02	652.0615	Conduit Special 3-Inch	LF	6,127.00	\$ -	\$ -
50.02	652.0700.S	Install Conduit into Existing Item	EACH	53.00	\$ -	\$ -
50.02	653.0900	Adjusting Pull Boxes	EACH	1.00	\$ -	\$ -
50.02	653.0905	Removing Pull Boxes	EACH	20.00	\$ -	\$ -
50.02	654.0101	Concrete Bases Type 1	EACH	17.00	\$ -	\$ -
50.02	654.0102	Concrete Bases Type 2	EACH	1.00	\$ -	\$ -
50.02	654.0105	Concrete Bases Type 5	EACH	1.00	\$ -	\$ -
50.02	655.0230	Cable Traffic Signal 5-14 AWG	LF	378.00	\$ -	\$ -
50.02	655.0240	Cable Traffic Signal 7-14 AWG	LF	57.00	\$ -	\$ -
50.02	655.0280	Cable Traffic Signal 19-14 AWG	LF	626.00	\$ -	\$ -
50.02	655.0305	Cable Type UF 2#12 AWG Grounded	LF	928.00	\$ -	\$ -
50.02	655.0615	Electrical Wire Lighting 10 AWG	LF	468.00	\$ -	\$ -
50.02	655.0620	Electrical Wire Lighting 8 AWG	LF	694.00	\$ -	\$ -
50.02	655.0630	Electrical Wire Lighting 4 AWG	LF	1,190.00	\$ -	\$ -
50.02	656.0200	Electrical Service Meter Breaker Pedestal	LS	31.00	\$ -	\$ -
50.02	657.0100	Pedestal Bases	EACH	17.00	\$ -	\$ -
50.02	657.0255	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH	2.00	\$ -	\$ -
50.02	657.0315	Poles Type 4	EACH	1.00	\$ -	\$ -
50.02	657.0322	Poles Type 5-Aluminum	EACH	1.00	\$ -	\$ -
50.02	657.0609	Luminaire Arms Single Member 4-Inch Clamp6-FT	EACH	1.00	\$ -	\$ -
50.02	657.0405	Traffic Signal Standards Aluminum 3.5-Foot	EACH	9.00	\$ -	\$ -
50.02	657.0420	Traffic Signal Standards Aluminum 13-Foot	EACH	3.00	\$ -	\$ -
50.02	657.0425	Traffic Signal Standards Aluminum 15-Foot	EACH	2.00	\$ -	\$ -
50.02	657.0430	Traffic Signal Standards Aluminum 10-Foot	EACH	3.00	\$ -	\$ -
50.02	658.0171	Traffic Signal Face 1S 12-Inch	EACH	1.00	\$ -	\$ -
50.02	658.0173	Traffic Signal Face 3S 12-Inch	EACH	4.00	\$ -	\$ -
50.02	658.0175	Traffic Signal Face 5S 12-Inch	EACH	3.00	\$ -	\$ -
50.02	658.0412	Pedestrian Signal Face 12-Inch	EACH	8.00	\$ -	\$ -
50.02	658.0416	Pedestrian Signal Face 16-Inch	EACH	1.00	\$ -	\$ -
50.02	658.0500	Pedestrian Push Buttons	EACH	3.00	\$ -	\$ -
40.01	690.0250	Sawing Concrete	LF	12,633.00	\$ -	\$ -
40.06	999.1950.S	Bicycle Rack Asphalt or Concrete-Mounted	EACH	2.00	\$ -	\$ -
40.01	SPV.0060	01. Removing Decorative Planters	EACH	13.00	\$ -	\$ -
40.01	SPV.0060	02. Removing Bike Rack	EACH	2.00	\$ -	\$ -
40.02	SPV.0060	03. Remove Hydrant- Minor	EACH	1.00	\$ -	\$ -
20.01	SPV.0060	04. Reinforced Concrete Platform 52-FT	EACH	19.00	\$ -	\$ -
20.01	SPV.0060	05. Reinforced Concrete Platform 40-FT	EACH	11.00	\$ -	\$ -

SCHEDULE of QUANTITIES
FOR INFORMATIONAL PURPOSES ONLY – NOT FOR CONSTRUCTION

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY	Unit Price	Bid Amount
20.01	SPV.0060	06. Reinforced Concrete Platform 32-FT	EACH	2.00	\$ -	\$ -
20.01	INFO ONLY	Docking Guide Strip (For Information Only)	LF	1,904.50	\$ -	\$ -
40.06	SPV.0060	07. Pylon Sign	EACH	32.00	\$ -	\$ -
40.02	SPV.0060	08. Catch Basins Type 44A	EACH	9.00	\$ -	\$ -
40.02	SPV.0060	09. Catch Basins Type 45A	EACH	6.00	\$ -	\$ -
40.02	SPV.0060	10. Manholes Combined Sewer 4-ft DIA	EACH	6.00	\$ -	\$ -
40.02	SPV.0060	11. Manholes Combined Sewer 6-ft DIA	EACH	1.00	\$ -	\$ -
40.02	SPV.0060	12. Special 4'x9' Storm Sewer Vault	EACH	1.00	\$ -	\$ -
40.02	SPV.0060	13. Water Main Protection	EACH	1.00	\$ -	\$ -
40.02	SPV.0060	14. Adjusting Water Boxes	EACH	42.00	\$ -	\$ -
40.02	SPV.0060	15. Adjusting Sanitary Manholes	EACH	8.00	\$ -	\$ -
40.02	SPV.0060	16. Inlet Covers Type MS-57	EACH	15.00	\$ -	\$ -
40.02	SPV.0060	17. Manhole Covers Type MS- 58A	EACH	10.00	\$ -	\$ -
40.02	SPV.0060	18. Relocating Curb Stop	EACH	2.00	\$ -	\$ -
40.02	SPV.0060	19. Abandoning Valve	EACH	2.00	\$ -	\$ -
40.02	SPV.0060	20. Cut in Valves	EACH	2.00	\$ -	\$ -
40.02	SPV.0060	21. Station Electrical Cabinet	EACH	32.00	\$ -	\$ -
40.06	SPV.0060	22. Station Lighting	EACH	32.00	\$ -	\$ -
40.02	SPV.0060	23. Station Electrical System	EACH	32.00	\$ -	\$ -
50.02	SPV.0060	24. Pedestrian Countdown Signal Face 12-Inch	EACH	8.00	\$ -	\$ -
50.02	SPV.0060	25. Relocate Pedestrian Push Button (APS) Control Unit	EACH	2.00	\$ -	\$ -
50.02	SPV.0060	26. Install Secondary Riser	EACH	1.00	\$ -	\$ -
40.02	SPV.0060	27. Pull Boxes, Polymer Concrete 17x30-Inch City of Wauwatosa	EACH	2.00	\$ -	\$ -
40.02	SPV.0060	28. Fiberglass/Polymer Concrete Pull Box 13-Inch x 24-Inch x 24-Inch	EACH	75.00	\$ -	\$ -
40.02	SPV.0060	29. A31 Mounting Clamp (Single Bracket)	EACH	1.00	\$ -	\$ -
40.02	SPV.0060	30. A26 Mounting Clamp (Single Bracket)	EACH	1.00	\$ -	\$ -
40.02	SPV.0060	31. Metal Pedestal Cabinet 4-Inch x 4-Inch x 36-Inch	EACH	4.00	\$ -	\$ -
40.02	SPV.0060	32. Water Tight Junction Box Splicing	EACH	1.00	\$ -	\$ -
40.02	SPV.0060	33. City of Wauwatosa Luminaire	EACH	1.00	\$ -	\$ -
40.02	SPV.0060	34. A26 Concrete DB Gray	EACH	1.00	\$ -	\$ -
40.02	SPV.0060	35. Luminaire Arm Single Member (6 Ft. long, 2 Inch Dia. Aluminum Mitchell Upsweep Bracket)	EACH	1.00	\$ -	\$ -
40.02	SPV.0060	36. Luminaire Arm Single Member (8 Ft. long, 2 Inch Dia. Aluminum Mitchell Upsweep Bracket)	EACH	1.00	\$ -	\$ -
40.02	SPV.0060	37. Concrete Base Type 2 Modified	EACH	2.00	\$ -	\$ -
40.02	SPV.0060	38. Double Harp Foundation	EACH	6.00	\$ -	\$ -
40.02	SPV.0060	39. A31 Concrete DB Black	EACH	3.00	\$ -	\$ -
40.02	SPV.0060	40. A31 Concrete DB Gray	EACH	2.00	\$ -	\$ -
40.02	SPV.0060	41. HP17 Pole	EACH	1.00	\$ -	\$ -

**SCHEDULE of QUANTITIES
FOR INFORMATIONAL PURPOSES ONLY – NOT FOR CONSTRUCTION**

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY	Unit Price	Bid Amount
40.02	SPV.0060	42. A31 Concrete BD Black	EACH	1.00	\$ -	\$ -
40.02	SPV.0060	43. A31 Concrete BD Gray	EACH	1.00	\$ -	\$ -
40.02	SPV.0060	44. Install Poles (14.7' Black Steel) Includes Shroud, Twin Arm, Two 150W/240V Harp Luminaires with Outlet, Banner Arms	EACH	6.00	\$ -	\$ -
40.02	SPV.0060	45. MRMC Luminaire	EACH	1.00	\$ -	\$ -
40.02	SPV.0060	46. Luminaires Street Lighting (250W/240V Cobra Fixture & 250W HPS Lamp)	EACH	2.00	\$ -	\$ -
40.02	SPV.0060	47. Luminaire Historic Milwaukee Harp LED	EACH	1.00	\$ -	\$ -
40.02	SPV.0060	48. Luminaire Historic Milwaukee Lantern LED	EACH	6.00	\$ -	\$ -
40.02	SPV.0060	49. Adjusting CUC Manhole Covers	EACH	14.00	\$ -	\$ -
40.02	SPV.0060	50. Remove Valve	EACH	1.00	\$ -	\$ -
40.02	SPV.0060	51. Disconnect Service	EACH	1.00	\$ -	\$ -
40.02	SPV.0060	52. Hydrant Branch	EACH	1.00	\$ -	\$ -
40.06	SPV.0060	53. Tree Protection	EACH	21.00	\$ -	\$ -
40.06	SPV.0060	54. Tree Grate	EACH	9.00	\$ -	\$ -
50.02	SPV.0060	55. Remove Traffic Signal Vault	EACH	32.00	\$ -	\$ -
50.02	SPV.0060	56. Fiberglass/Polymer Concrete Pull Boxes 17-Inch x 30-Inch x 24-Inch	EACH	35.00	\$ -	\$ -
50.02	SPV.0060	57. Install City Precast Controller Base	EACH	8.00	\$ -	\$ -
50.02	SPV.0060	58. ATC Controller and Cabinet Installed	EACH	8.00	\$ -	\$ -
50.02	SPV.0060	59. Remove Traffic Signal Equipment	EACH	13.00	\$ -	\$ -
50.02	SPV.0060	60. Relocate Pedestrian Push Button (APS)	EACH	13.00	\$ -	\$ -
50.02	SPV.0060	61. Install Conduit Into Existing Traffic Signal Vault	EACH	2.00	\$ -	\$ -
40.02	SPV.0060	62. Station Dry-Type Transformer	EACH	1.00	\$ -	\$ -
40.08	SPV.0075	01. Street Sweeping	HRS	100.00	\$ -	\$ -
20.01	SPV.0090	01. Concrete Curb Platform Extension	LF	667.00	\$ -	\$ -
40.07	SPV.0090	02. Concrete Gutter 12-Inch	LF	57.00	\$ -	\$ -
40.02	SPV.0090	03. 3-Duct Conduit, Cement Encased 4-Inch Rigid Nonmetallic Conduit DB-60	LF	32.00	\$ -	\$ -
10.03	SPV.0090	04. Marking Crosswalk Epoxy Transverse Line 12-Inch Grooved	LF	439.00	\$ -	\$ -
10.03	SPV.0090	05. Marking Crosswalk Epoxy Transverse Line 12-Inch	LF	8,751.00	\$ -	\$ -
40.02	SPV.0090	06. Trench Drains 4-Inch	LF	605.00	\$ -	\$ -
40.02	SPV.0090	07. Drain Pipe PVC 4-Inch	LF	332.00	\$ -	\$ -
40.02	SPV.0090	08. Drain Pipe PVC 8-Inch	LF	14.00	\$ -	\$ -
40.02	SPV.0090	09. Drain Pipe PVC 12-Inch	LF	56.00	\$ -	\$ -
40.02	SPV.0090	10. Watermain 6-Inch	LF	6.00	\$ -	\$ -
40.02	SPV.0090	11. 3#8/1#8 XLPE Type USE-2 Electrical Cable	LF	1,882.00	\$ -	\$ -
40.02	SPV.0090	12. 3#6/1#8 XLPE Type USE-2 Electrical Cable	LF	5,593.00	\$ -	\$ -
40.02	SPV.0090	13. 3#4/1#8 XLPE Type USE-2 Electrical Cable	LF	912.00	\$ -	\$ -
40.02	SPV.0090	14. 3#2/1#8 XLPE Type USE-2 Electrical Cable	LF	5,145.00	\$ -	\$ -
40.02	SPV.0090	15. Cable Type 3#10 UF AWG with Ground	LF	4,980.00	\$ -	\$ -

SCHEDULE of QUANTITIES
FOR INFORMATIONAL PURPOSES ONLY – NOT FOR CONSTRUCTION

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY	Unit Price	Bid Amount
40.02	SPV.0090	16. Install City Supplied Cable Type 1#8 AWG Concentric	LF	3,446.00	\$ -	\$ -
40.02	SPV.0090	17. 2-Duct Conduit, Cement Encased 4-Inch Rigid Nonmetallic Conduit DB-60	LF	5.00	\$ -	\$ -
10.03	SPV.0090	18. Marking Stop Line Epoxy 24-Inch	LF	1,799.00	\$ -	\$ -
40.07	SPV.0090	19. Concrete Gutter 15-Inch	LF	147.00	\$ -	\$ -
40.02	SPV.0090	20. C-901 PE Pipe 1-Inch	LF	270.00	\$ -	\$ -
40.02	SPV.0090	21. SDR-35 PVC Pipe 4-Inch	LF	410.00	\$ -	\$ -
40.01	SPV.0105	01. Removing Sidewalk Art	LS	1.00	\$ -	\$ -
40.08	SPV.0105	02. Survey Project	LS	1.00	\$ -	\$ -
20.01	SPV.0105	03. Station Amenities	LS	1.00	\$ -	\$ -
	INFO ONLY	Pedestrian Railing (For Information Only)	LF	1,605.50		
40.02	SPV.0105	04. Remove And Salvage Lighting Equipment	LS	1.00	\$ -	\$ -
40.08	SPV.0105	05. Temporary Street Lighting	LS	1.00	\$ -	\$ -
70.04	SPV.0105	06. Vehicle Charger	LS	1.00	\$ -	\$ -
50.02	SPV.0105	07. Transit Signal Priority W. Watertown Plank Road & Swan Boulevard./International Drive	LS	1.00	\$ -	\$ -
50.02	SPV.0105	08. Transit Signal Priority W. Watertown Plank Road & Discovery Parkway	LS	1.00	\$ -	\$ -
50.02	SPV.0105	09. Transit Signal Priority W. Watertown Plank Road & N. 92nd Street	LS	1.00	\$ -	\$ -
50.02	SPV.0105	10. Transit Signal Priority Connell Avenue & N. 92nd Street	LS	1.00	\$ -	\$ -
50.02	SPV.0105	11. Transit Signal Priority Wisconsin Avenue & Hawley Road	LS	1.00	\$ -	\$ -
50.02	SPV.0105	12. Transit Signal Priority Wisconsin Avenue & N. 46th Street	LS	1.00	\$ -	\$ -
50.02	SPV.0105	13. Transit Signal Priority W. Wisconsin Avenue & N. 92nd Street	LS	1.00	\$ -	\$ -
50.02	SPV.0105	14. Transit Signal Priority W. Wisconsin Avenue & N. 95th Street	LS	1.00	\$ -	\$ -
50.02	SPV.0105	15. Transit Signal Priority USH 18 & N. 92nd Street	LS	1.00	\$ -	\$ -
50.02	SPV.0105	16. Transit Signal Priority USH 18 & STH 181	LS	1.00	\$ -	\$ -
50.02	SPV.0105	17. Priority Integration	LS	1.00	\$ -	\$ -
50.02	SPV.0105	18. Solar Powered Rapid Rectangular Flashing Beacon	LS	1.00	\$ -	\$ -
20.01	SPV.0105	19. Restroom Facility	LS	1.00	\$ -	\$ -
40.02	SPV.0105	20. Electrical Testing	LS	1.00	\$ -	\$ -
40.02	SPV.0105	21. Utility Potholing	LS	1.00	\$ -	\$ -
40.06	SPV.0165	01. Concrete Platform Ramp	SF	5,220.00	\$ -	\$ -
40.06	SPV.0165	02. Station Snow Melt System	SF	17,330.00	\$ -	\$ -