



Systems Pre-Bid Meeting

March 19, 2019



Today's Topics

- Introduction
- Bid Requirements
- Disadvantaged Business Enterprise Program
- Overview of Project Specifications

Bidding Requirements

Auburn Dees
IFB Administrator

- Nothing said at this meeting today changes the written requirements of the IFB; any changes will be made by written addendum.
- Any addenda will be posted on the QuestCDN site. Registered document holders will receive an automated email notification when an addendum is issued.
- Bidders must acknowledge all addenda on the Bid Form.

Bid Requirements

- Questions due: 10 days prior to the Bid Due Date
 - <https://bit.ly/swlrt-systems> (e-Builder) for technical questions
 - auburn.dees@metc.state.mn.us for bidding and contract requirements
- Bids due: May 21, 2019 at 2:00 PM Local Time

Submitting Questions

Questions from Potential Bidders for SWLRT Civil Project

Potential Bidder Question (PBQ)

Start Process

* Name:	<input type="text"/>
* Email Address:	<input type="text"/>
* Company:	<input type="text"/>
* Question:	<input type="text"/>
* Drawing Reference:	<input type="text"/>
* Specification Reference:	<input type="text"/>

Bid Requirements

- Project Completion Dates and Liquidated Damages
 - 00520 Contract Agreement
 - Specifications Section 01 10 00 Summary
- 00700 General Conditions
 - Insurance Requirements Article 5
- 00711 and 00800 Supplemental Conditions

Bid Requirements

- 00860 Prevailing Wage Requirements
 - State of Minnesota Highway and Heavy
 - State of Minnesota Truck Rental Rates
 - Davis Bacon

Bid Requirements: 2.1 Packaging of Bids

A. The bid package consists of the following documents:

1. **Document 00410 Bid Form**
2. **Document 00440 Bid Bond** or other form of Bid Security
3. If the amount of the Bid exceeds \$100,000, either: 1) a currently-effective Affirmative Action Certificate of Compliance, or 2) Document 00450 Affirmative Action Certification Statement
4. If the amount of the Bid equals, or exceeds, \$500,000, **Document 00451 Equal Pay Certification Statement**
5. If the amount of the Bid exceeds \$25,000, **Document 00457 Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion** (FTA or PFA Funding)
6. If the amount of the Bid exceeds \$100,000, Document 00460 Buy America Certification (FTA Funding)

Bid Requirements: 2.1 Packaging of Bids

7. If the amount of the Bid equals, or exceeds, \$100,000, **Document 00470 Lobbying Restriction Certification (FTA or PFA Funding)**
8. **Document 00472 Disclosure and Certification Regarding Conflict of Interest.** Submit form for Bidder. (Forms for each first-tier subcontractor will be collected as a post bid submittal)
9. **Document 00475 Restricted Subcontractor Certification**
10. **Document 00485 Disadvantaged Business Commitment Form** (FTA Funding with Goal)
11. If the amount of the Bid exceeds, \$50,000, **Document 00495 Responsible Contractor Verification and Certification of Compliance and Attachment A- 1, First-Tier Subcontractors List**
12. **Document 00885 Workforce Inclusion Commitment & Plan Part A – Certification**
13. **Limited Notice to Proceed (LNTP) Scope of Work**

Disadvantaged Business Enterprise Program

Jon Tao
Office of Equal Opportunity

DBE Participation Requirements

- DBE Goal: 12%
- Potential Subcontracting Opportunities
 - Traffic Control/Signage
 - Electrical Installation
 - Communications/Signal Equipment Supply
 - Electrical Supply
 - Fencing
 - Landscaping
 - Concrete Foundation
 - Earthwork/Grading
 - Ventilation/Mechanical

Note: Bidders are not limited to only these subcontracting opportunities

DBE Submission Requirements

- DBE Participation Forms (Attachments 1 & 2)
 - Required at submittal time
 - Attachment 1: 00485 Disadvantaged Business Enterprise (DBE) Commitment Form
 - Required at post-bid submittal
 - Attachment 2: 00485 Disadvantaged Business Enterprise (DBE) Letter of Intent

Requirements at Submittal

- Attachment 1: DBE Commitment Form
 - Should include ALL DBE subcontractors
 - Use the on-line directory: <https://mnucp.metc.state.mn.us/>
 - If companies are not listed in the directory they are NOT a DBE
 - Verify their line of work, if they do not have the necessary NAICS code they will not receive DBE credit for the work
 - i.e. Glass and Glazing company must have: 238150 Glass and Glazing Contractors

ATTACHMENT 1
00485 – DISADVANTAGED BUSINESS ENTERPRISE (DBE) COMMITMENT FORM
(Must be submitted with each bid)

Bidder Name	Project Name				DBE Goal
DBE Name <small>(Legal business name used for certification)</small>	Description of Work	Participating As? <small>Prime, Subcontractor, Trucker or Supplier</small>	DBE Bid Amount	DBE Credit amount <small>dollar value</small>	DBE %
Use copies of this form if additional space is needed to list committed DBEs.				Total Value	Total %

I have read the DBE requirements in Document 00485 Disadvantaged Business Enterprise (DBE) Subcontracting Policy and Procedure. I further certify that the Bidder has made appropriate efforts to comply with the DBE requirements for this contract by making good faith efforts to meet the assigned DBE goal as specified in 00485 Disadvantaged Business Enterprise (DBE) Subcontracting Policy and Procedure. I am authorized on behalf of the Bidder to submit this certification to the Council. This certification is a material representation of fact on which the Council may rely in awarding the contract.

Bidder Name / Title / Phone: _____ / _____ / _____

Bidder Signature: _____ Date: _____

[Contract Number]

DBE Commitment Form and Letter of Intent
00485 -1

Post-Bid DBE Requirements

- Good Faith Efforts Documentation
 - If the total DBE commitment percentage is below the 12% DBE goal
- Acceptable examples of Good Faith Efforts
 - Contact logs (phone, email, fax)
 - Email correspondence with DBEs
 - Submitted quotes from DBE firms
 - Your DBE participation plan

Post-Bid DBE Requirements

- Attachment 2: 00485 Disadvantaged Business Enterprise (DBE) Letter of Intent
 - A DBE Letter of Intent must be submitted for each DBE on Attachment 1
 - DBE participation percentage **MUST** match the DBE commitments on Attachment 1
 - Form should be completed by prime contractor and signed by the DBE

ATTACHMENT 2
00485 – DISADVANTAGED BUSINESS ENTERPRISE (DBE) LETTER OF INTENT
(Must be completed and signed by **each** DBE listed on 00485 Commitment Form)

Bidder:	Contract Number:	Project Name:

DBE Name: _____ Phone: _____

Address: _____ City: _____ State: _____ Zip: _____

Participating As: ___ Prime Contractor ___ Subcontractor ___ Supplier (60% credit) ___ Manufacturer ___ Trucker ___ Broker

Description	DBE Bid Amount	Dollar Amount for DBE Credit

1. This is a letter of intent between the bidder on this project and a DBE firm to perform subcontract work on this project.
2. By signing below, the bidder is committing to utilize the above-named DBE to perform the work described above.
3. By signing below, the above-named DBE is committing to perform the work described above.

Affirmation: I hereby affirm that the information above is true and correct.

Bidder Representative Name: _____ Title: _____

Bidder Representative Signature: _____ Date: _____

DBE Representative Name: _____ Title: _____

DBE Representative Signature: _____ Date: _____

[Contract Number]

DBE Commitment Form and Letter of Intent
00485 -2

Workforce Participation Requirements

- MDHR Workforce Goals
 - 32% People of Color
 - 20% Women
- Required at submittal time
 - Part A – Certification: 00885 Workforce Inclusion Commitment Form
- Required post-bid submittal
 - Part B – Plan: 00885 Workforce Inclusion Efforts and Work Plan

Post-Bid DBE and Workforce Review Panel

- The panel will interview the 3 apparent low bidders and review submittals for strength and feasibility of
 - The DBE Commitment and Good Faith Efforts
 - The Workforce Inclusion Commitment and Plan

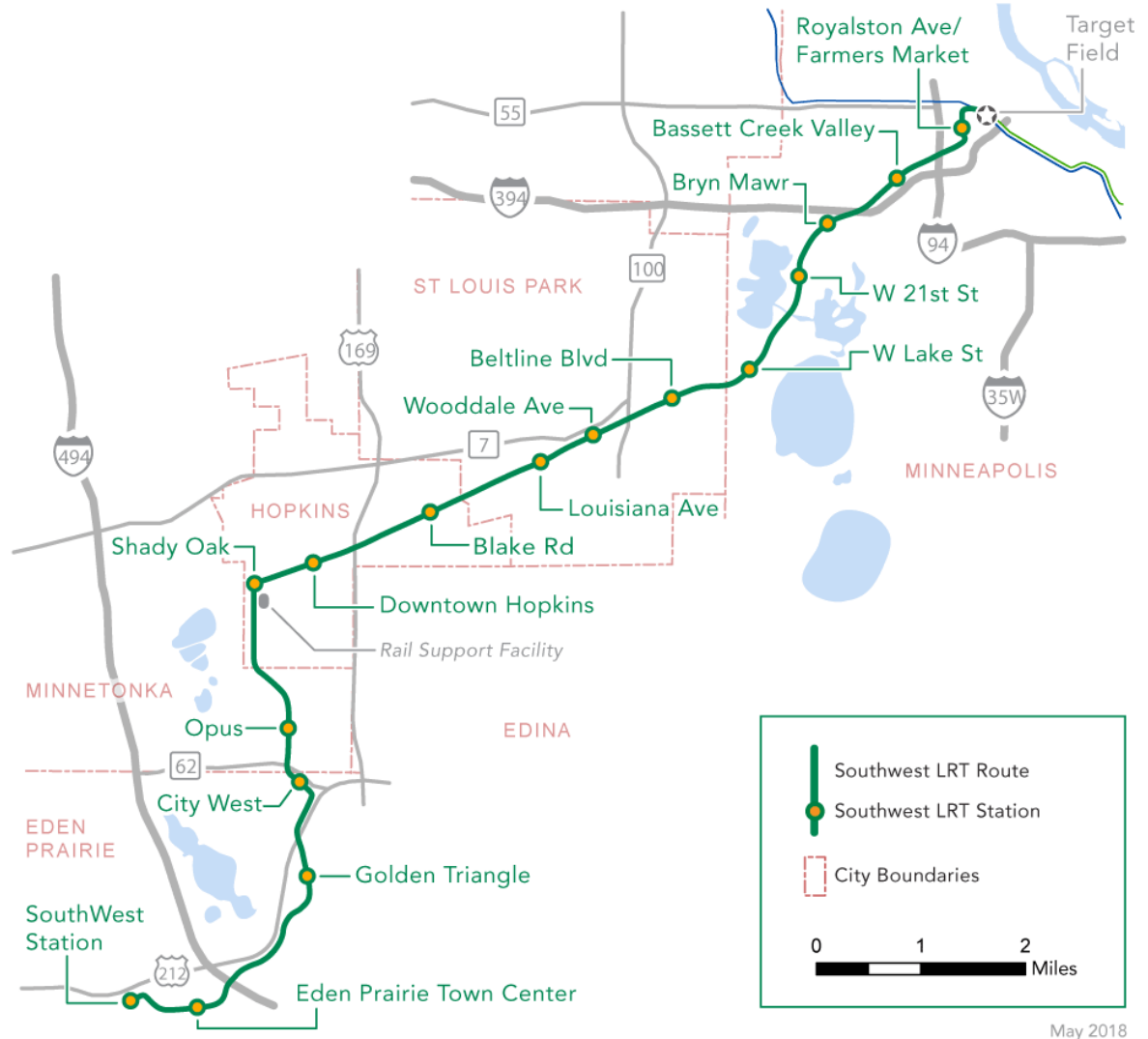
Overview of Project Specifications

Nic Dial

Assistant Director of Construction

METRO Green Line Extension

- 14.5 miles double track
- 16 stations
- 2019-2023 construction
- Opening in 2023



STF Contract Scope

- 20 Traction Power Substations
 - 18 – 13.8kV primary
 - 2 – 34.5kV primary
 - Factory assembled and tested
 - Site conduits and grounding
 - Foundations
 - Final grading
 - Site paving
 - Fencing and landscape



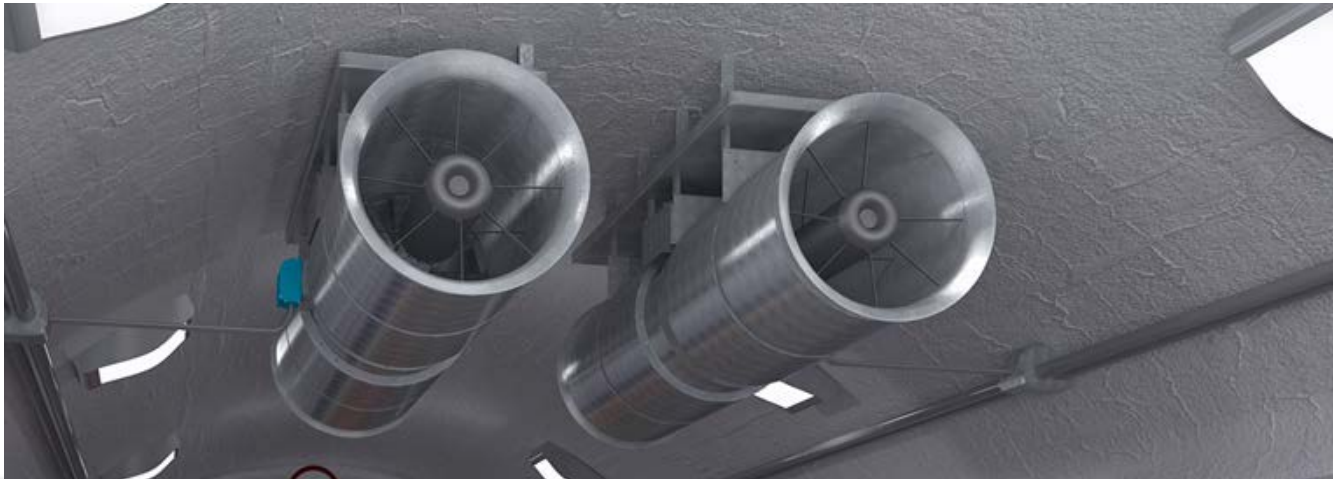
STF Contract Scope

- Overhead Contact System
 - Poles
 - Span Wires
 - Feeder and negative return cabling
 - Foundations by Civil contractor



STF Contract Scope

- Tunnel Facilities
 - 3 Tunnel Systems Houses
 - Ventilation – Jet Fans in Kenilworth Tunnel
 - Drainage
 - Fire Standpipes
 - Power, lighting and communications systems



STF Contract Scope

- Communications System
 - Radio
 - Telephone
 - Emergency Telephones/Lights (ETEL)
 - Video Cameras
 - PA and Visual Messaging
 - Access Control
 - Intrusion Detection
 - Transport network
 - Fiber and copper cabling



STF Contract Scope

- Wayside Signaling System
 - 7 new interlockings
 - Modify existing Target Field Interchange interlocking
 - 11 new LRT grade crossings
 - 11 new LRT ped crossings
 - 45 new signal/comm houses and cases
 - 10 new cut section signal cases
 - 8 interfaces to existing grade crossings
 - 3 Freight Only & 5 Freight/LRT
 - Freight rail intrusion detection



STF Contract Scope

- Commissioning
 - Commission and test all sub-systems installed on the new alignment
- System Integration
 - Work with SCADA contractor on System Integration and testing
- Pre-Revenue Testing
 - Support Metro Transit Pre-Revenue Testing
- SCADA
 - Not included in this contract – separate procurement

Project Specifications

- Specifications include three main categories:
 1. Division 01: Construction Specifications Institute (CSI) MasterFormat – Project Requirements/Procedures
 2. Division 02-34: CSI MasterFormat – Technical Specifications
 3. Special Provisions (S): Modifications to Standard Specifications including MnDOT and City Standards
- Specification Roadmap – Technical Specification Format, Section 01 25 00
 - Primary Technical Specification Format (PTSF) for each Drawing Volume

Quality Management Requirements

- Quality Management Requirements, Section 01 44 00
 - Identifies requirements for Contractor's Quality Management System
 - Describes requirements for Quality Plans
- Quality Assurance (QA), Section 01 43 00
 - QA Program overseen by Independent Quality Manager, assigned by Contractor
 - Staff must be independent from Contractor's field operations
 - Material test performed by quality Independent Testing Laboratory (ITL)
- Quality Control (QC), Section 01 45 00
 - Performed by Contractor's qualified staff or ITL

Quality Management Requirements

- Oversight Verification performed by Council
 - Review/audit Contractor's Quality Management System
 - Conduct observations to establish confidence that quality functions are performed thoroughly

More Information

Online:

SWLRT.org

Twitter:

[@southwestlrt](https://twitter.com/southwestlrt)

Email:

SWLRT@metrotransit.org

