Today’s Topics

• Welcome/Introductions
• Bid Requirements
• Review of DBE Participation
• Overview of Project Specifications
• DBE Meet and Greet
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
  ▪ [auburn.dees@metc.state.mn.us](mailto:auburn.dees@metc.state.mn.us) for bidding and contract requirements

• Bids due: May 2, 2017 at 2:00 PM Local Time
Submitting Questions

Questions from Potential Bidders for SWLRT Civil Project

Potential Bidder Question (PBQ)

Start Process

| * Name:          |                                          |
| * Email Address: |                                          |
| * Company:       |                                          |
| * Question:      |                                          |
| * Drawing Reference: |                                      |
| * Specification Reference: |                                |
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
    - Heavy for Tunnel Construction Activities
    - Highway for Remainder of Work
Bid Requirements: 2.1 Packaging of Bids

PART 2   BID SUBMITTAL

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)
Bid Requirements: 2.1 Packaging of Bids

6. If the amount of the Bid exceeds $100,000, **Document 00460 Buy America Certification** (FTA Funding)

7. If the amount of the Bid equals, or exceeds, $100,000, **Document 00470 Lobbying Restriction Certification** (FTA or PFA Funding)

8. **Document 00485 Disadvantaged Business Enterprise Information and Certifications** (FTA Funding with Goal)

9. 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**

10. **Document 00885 Workforce Inclusion Commitment & Plan Part A – Certification**
Disadvantaged Business Enterprise Program
Aaron Koski, Assistant Director
Equal Opportunity
What is the DBE Program?

- Disadvantaged Business Enterprise
- Federal Equal Opportunity Program
- Any recipient of federal DOT funds
- Small business subcontracting goals
What is a DBE Firm?

• Small business at least 51% owned by, and controlled by, a socially and economically disadvantaged individual

• Subject to personal net worth cap and SBA size standards

• Certification through the Minnesota Unified Certification Program

• Directory of firms available at: www.mnucp.org
SWLRT Civil Construction

• 16% DBE participation goal
• Contractor must demonstrate at time of bid “Good Faith Effort” (GFE) toward meeting the goal by either:
  ▪ Committing to meet or exceed the participation goal
    < or >
  ▪ Documenting all GFE steps taken prior to time of bid
Commercially Useful Function & Counting

• DBE firms must perform a “Commercially Useful Function” (CUF):
  ▪ Case by case determination
  ▪ CUF determination performed both at bid evaluation and during monitoring phase

• DBE counting
  ▪ Supplier participation counted at 60%
  ▪ Credit counting rules specific to trucking firms
  ▪ Only work performed by the firm itself and its employee can count towards the goal
DBE Bid Forms

• 00485 Disadvantaged Business Enterprise Commitments & Good Faith Efforts Form
  • Part A: Commitments (due at time of bid)
  • Part B: Good Faith Efforts (due at time of bid)
  • Part C: Letter of Intent & Ongoing GFE Plan (post-bid submittal)
Workforce Goals

• Percentage of total labor hours on the project to be performed by female, and minority individuals

• Minnesota Department of Human Rights (MDHR) Workforce Goals for Hennepin County:
  ▪ 32% Minority
  ▪ 6% Female
Overview of Project Specifications

Jim Alexander

SWLRT Project Director
Southwest LRT

- 14.5 miles double track
- 15 new stations
- $1.858 billion total project budget
- 2017-2020 heavy construction
- 2021 begin passenger service
- 34,000 riders by 2040
Civil Contract Scope

• 15 Stations
  ▪ Vertical circulation
    o West Lake Street
    o Bryn Mawr
    o Bassett Creek Valley
Civil Contract Scope

- Park-and-rides
  - 7 Surface lots with a total of 1,747 spaces
  - 1 Ramp at SouthWest Station with 2 elevators
Civil Contract Scope

• 44 structures
  ▪ 29 new bridges (LRT, Pedestrian, Roadway, Freight)
  ▪ 7 existing bridges with modifications
  ▪ 6 pedestrian tunnels
  ▪ 2 cut and cover tunnels (TH62 582 ft., Kenilworth 2,236 ft)
• 15 at-grade crossings
• 117 retaining walls
• Track (153,440 TF)
Civil Contract Scope

• Demolition of 14 existing buildings
• Soil improvements
• Roadways, curb, gutter, sidewalks and trails
• Traffic signals, striping and signage
• Systemwide cable trough/ductbank/foundations
• Utilities and drainage
• Urban design and landscaping
• Freight (BNSF, TCWR and CP)
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
Project Specifications

• Specification Roadmap - Technical Specification Format, Section 01 25 00
  ▪ Primary Technical Specification Format (PTSF) for each Drawing Volume
  ▪ PTSF Sample from Section 01 25 00

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<td>MnDOT with Special Provisions</td>
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</tr>
<tr>
<td>Volume 3</td>
<td>Track</td>
<td>CSI MasterFormat</td>
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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 tests performed by qualified 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

- Inspections performed by Council
  - Special Inspections identified in Appendix P, Council Special Inspection Matrix
Existing Freight Rail Network

Wayzata Subdivision
Owner: BNSF
Operator: BNSF, TC&W

Kenilworth Corridor
Owner: HCRRRA
Operator: TC&W

Glencoe Junction
Owner: TC&W
Operator: TC&W

Bass Lake Spur
Owner: CP
Operator: TC&W

MN&S Spur
Owner: CP
Operator: CP, TC&W

LRT Alignment
LRT Tunnel
0 1
Miles

SOUTHWEST
Green Line LRT Extension
Freight Rail Construction

- **BNSF Subdivision**
  - Contractor responsible for work up to bottom of ballast
  - BNSF responsible for work ballast up

- **Kenilworth Corridor and Bass Lake Spur**
  - Contractor responsible for all work except distant signal near Cedar Lake Parkway and turnout at MN&S connection
  - BNSF responsible for distant signal
  - CP responsible for ballast and turnout at MN&S connection
Freight Rail Construction

• Contractor responsible for maintenance of Kenilworth Corridor and Bass Lake Spur
  o Track structure
    ▪ Track structure maintained to FRA Class 1, 2, and 5, as specified in Freight Rail Coordination, Section 01 42 00
  o At-grade crossing signals
    ▪ At-grade crossing signals maintained per CFR, 49, Part 234
  o From a time 7 days after LNTP to Final Completion
Freight Rail Construction

• Contractor Key Staff
  ▪ Freight Rail Coordinator
    o Full time employee(s) responsible for work that affects the Freight Railroads as specified in Section 01 42 00
  ▪ Freight Rail Track and Signal Inspectors / Maintainers
    o Full time (available 24/7) inspectors and maintainers as specified in Section 01 42 00
  ▪ Freight Rail Safety Officer
    o Full time employee(s) responsible for compliance with Freight Railroad Safety Action Plan (FRSAP) as specified in Section 01 42 00
Freight Rail Construction

• Railroad Flagging Required
  ▪ When work is within 25’ of track centerline
  ▪ When equipment has potential to be 25’ of track centerline in a failed condition
  ▪ As specified in Section 01 42 00 and Appendix R, BNSF Exhibit C, Part 1.05
  ▪ Flagger provided by railroad as specified in Section 01 42 00

• Support of Excavation
  ▪ Required when excavating below tie elevation as specified in Excavation and Embankment, Section S-30

• Vertical Clearances Allowed During Construction
  ▪ As specified in, Appendix R, BNSF Exhibit C, Part 1.03.03
Freight Rail Construction

• Coordination

  ▪ Contractor’s Freight Railroad Management Plan
    ○ A detailed overall account of how the Contractor proposes to accomplish the work, includes:
      • Organization and staffing
      • Freight Railroad interface control
      • Safety and security management
      • Other items as specified in Section 01 42 00
Freight Rail Construction

• Site Specific Work Plans (SSWP)
  ▪ A detailed account of work based on site specific conditions, includes:
    - Type of adjacency
    - Scope of Work
    - Schedule
    - Personnel and equipment
    - Contingency plans
    - Other items as specified in Section 01 42 00
Construction Outreach/Communications

- Best practices:
  - Outreach coordinators
  - Construction information workgroups
  - 24-hour hotline
  - Property/business owners meetings
  - Open houses/neighborhood meetings
  - Construction tours
  - Social media/website/media
  - Ads
  - Signage
Public Resources

- SWLRT.ORG
  - Virtual flyover tour
  - Visualization video
  - Station renderings
  - Copy of PowerPoint
More Information

Online:
www.SWLRT.org

Email:
SWLRT@metrotransit.org

Twitter:
www.twitter.com/southwestlrt
Civil Construction DBE/Prime Contractor Meet & Greet
2:00pm – 4:00pm
Mixer Details

- 5 primes
- 3 minutes
- Be respectful of time

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<tr>
<td>Southwest Transit Constructors</td>
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<tr>
<td>Southwest Rail Constructors</td>
</tr>
<tr>
<td>Lunda/C.S. McCrossan Join Venture</td>
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<tr>
<td>Ames-Kramer JV</td>
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<tr>
<td>Graham Barnard</td>
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