CORRESPONDENCE/MEMORANDUM **\_\_\_\_\_\_\_\_\_ STATE OF WISCONSIN**

*Date:* 2/14/2023 Version 11.0

*To:* Jillene Fehrman, P.E.

 Attn: Chief Proposal Management Engineer

 Bureau of Project Development, Proposal Management Section

*From:* Kurt Flierl, PE

 Project Manager

 SE-WKE Region

*Approved:* William Mohr, PE

WisDOT SE Region Project Supervisor

*Subject:* Project ID 1000-57-70

Milwaukee Airport 2nd Platform

RR Crossing 393023R to 1200 FT South

STH 119

Milwaukee County

Additional Construction Projects Included in the Proposal:

N/A

Corresponding Design Project ID (s): 1000-57-05

Legislative Subprogram Code: 21- Safety

Bid Letting Date (for Bid Contracts): 4/11/2023

**INTRODUCTION**

We are submitting for your review and approval, the P.S.& E. for the proposed railroad improvement project. Major items of work include two towers, platform, canopy, pedestrian bridge, access road, sidewalk, railroad adjustments, traffic control, lighting, signage, plumbing, fire protection, electrical, HVAC, and communications. The project is 0.00 miles in length and is located in the City of Milwaukee, Milwaukee County .

Milwaukee County has the greatest percentage of work.

Project Requested By or Purpose: The purpose of this project is to increase rail capacity by allowing the southbound Hiawatha trains to utilize the western track. Thereby decreasing freight wait times. And one additional Hiawatha service will be added per week.

Consequences if not Approved: Existing wait times and delays will persist and no additional service can be added.

Contract Type: LET

Alternative Contracting Methods Used: No

PS&E Due Date: 2/15/2023

Contract Completion Type: Completion Date

Anticipated Construction Starting Date: 5/22/2023

Anticipated All Work Complete Date: 6/30/2026

Performance Miles: N/A

The contact information for the PDS Chief is:

|  |  |  |
| --- | --- | --- |
| Jeff Bohen, PE | Jeff.Bohen@dot.wi.gov |  |

The contact information for the Project Supervisor is:

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| --- | --- | --- |
| William Mohr, PE | Bill.Mohr@dot.wi.gov |  |

The contact information for the Project Manager is:

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| --- | --- | --- |
| Kurt Flierl, PE | Kurt.Flierl@dot.wi.gov |  |

The contact information for the Project Leader is:

|  |  |  |
| --- | --- | --- |
| Kurt Flierl, PE | Kurt.Flierl@dot.wi.gov |  |

The contact information for after advertising is:

|  |  |  |
| --- | --- | --- |
| Kurt Flierl, PE | Kurt.Flierl@dot.wi.gov |  |

The Consultant contact information is:

|  |  |  |
| --- | --- | --- |
| Michael Preboske, PE | Michael.Preboske@aecom.com | Phone No. (414) 944-6139  |

The estimate was prepared by: Consultant

Consultant Company Name: AECOM

This project is not on the National Highway System.

This project is subject to federal oversight.

The region is not requesting prequalification be waived for this proposal.

**PS&E EXHIBITS**

All PS&E Exhibits {See FDM 19-10-1 (1.2.1) Table 1.1} are included in this submittal.

N/A

**PRE-BID MEETING**

A Pre-Bid Meeting {See FDM 19-10-15} will be held for this project. The pre-bid meeting is not mandatory.

The meeting will be held Tuesday, March 21, 2023 at 9:00 AM virtually via the meeting link published on the HCCI.

The meeting agenda will include the following:
•Project Overview
•Railroad Coordination
•Airport Coordination
•Safety
•Contractor Compliance
•DBE Business Outreach Provision

**SYNOPSIS OF SIGNIFICANT APPROVALS, ACCEPTANCES OR COMPLETED ACTION:**

Description Date

Concept Definition Report N/A

Final Environmental Document CEC 4/22/2019 FRA CE

Department of Natural Resources Final Concurrence 10/25/2022

DNR 401 Water Quality Certification 10/25/2022

WPDES Storm Water Discharge Permit Certification 10/25/2022

Corps of Engineers Permit N/A

Section 106 report 9/29/2017

Pavement Design N/A

Exception to Standards N/A

Design Study Report 06/08/2022

Hazardous Material, Site Reconnaissance N/A

Asbestos Inspection N/A

N/A

**ENVIRONMENTAL ISSUES/COMMITMENTS**

Asbestos is not present on structures.

1) Follow local noise ordinances
2) Dust control during construction.
3) NPDES permit
4) BMP’s for storm water.
5) Hazardous Materials – If found, follow Federal, state, and local requirements.
6) Invasive Species – prevent transport or introducing via construction equipment.
7) Asbestos – If found, coordinate with WDNR.
8) Ash material – proper disposal.

**PERMITS**

A WDNR Section 401 Permit is required and approved with final concurrence on 10/25/2022. The permit is for the permanent impacts of the new structure and platform footprints.

A USACE Section 404 Permit is not required.

**RIGHT-OF-WAY**

Parcel 1 - PLE
Parcel 2 – TLE, PLE
Parcel acquisition was completed 9/27/2022.

**UTILITIES**

Underground and overhead utilities are present within the project limits. Relocations are anticipated for the project. MCI communications lines will run under the new west platform and will need to be monitored during construction to avoid impacts. Rogers Communications lines are currently in conflict with the east tower. Relocation is anticipated prior to construction. Work plans were approved as of 11/23/2022.

Water, sanitary sewer, gas, electric, and fiber optic will be connected to the new towers.

**SANITARY SEWER and WATER MAIN**

WDNR final concurrence was approved on 10/25/2022. Sanitary sewer and water facilities will be incorporated for the station towers.

**RAILROADS**

The project involves railroad adjustments, new platform and towers, and amenities for the existing station are being upgraded for the Canadian Pacific Railway. The railroad will maintain operation through duration of construction.

**HAZARDOUS MATERIALS**

Hazardous materials have not been identified on the project. If asbestos is found on the project during construction the contractor shall coordinate with WDNR.

**DESIGN DATA**

N/A

**STRUCTURES**

Two station towers and connecting pedestrian bridge will be constructed under this contract. No structure numbers are associated with these elements.

**LANDSCAPE ARCHITECTURE**

The structure design includes decorative interior finishes, metal louvers, brick veneer, and brick cladding on the towers and pedestrian bridge.

Plantings include Blue Oat Grass, Hameln Dwarf Foundation Grass, Karl Foerster Reed, Moonglow Juniper Trees, and Ketelleri Juniper Trees. Trees will be planted behind the west platform and grasses planted in mulched beds near the west tower sidewalk and the east tower entrance sidewalk. Plantings will be become property of General Mitchell International Airport once the contract time is complete.

**TRAFFIC SIGNALS**

N/A

**TRAFFIC**

User vehicle traffic will be maintained through the parking area with modified movements. Construction traffic will use the existing 6th Street access road and temporary exit. Railroad traffic will be maintained during construction.

Tom Boyke & Bunmi Olapo (90%) approved the Transportation Management Plan on 8/3/2022.

The Finished Traffic Control Plan & Review Meeting was held on 3/3/2022

**LIGHTING**

Platform lighting, sidewalk lighting, and building amenities lighting will be installed with the project and maintained by General Mitchell International Airport.

This project is on the State Highway System and is N/A.

This project is not on the State Highway System and is N/A.

**SPECIAL PROVISIONS**

The contract contains the following unusual specification modifications and/or unusual special SPV.xxx.xx items:

Item No. and Description

SPV.0060.01 Diesel-Engine-Driven Generator Sets EACH
SPV.0060.02 Canopy Column Anchor Rod Assemblies EACH
SPV.0060.03 Tower Column Anchor Rod Assemblies EACH
SPV.0060.04 Switchboards EACH
SPV.0060.05 Transfer Switches EACH
SPV.0060.06 Traction Elevators EACH
SPV.0060.07 Doors And Door Hardware EACH
SPV.0060.08 Utility Line Opening (ULO) EACH
SPV.0060.09 Marking Line Paint Text 4-Inch Black EACH
SPV.0060.10 Pipe Bollard EACH
SPV.0060.11 Sanitary Manhole 4-Foot EACH
SPV.0060.12 Grass, Blue Oat EACH
SPV.0060.13 Grass, Hameln Dwarf Foundation EACH
SPV.0060.14 Grass, Karl Foerster Reed EACH
SPV.0060.15 Remove and Salvage Lighting Equipment EACH
SPV.0060.16 Fall Restraint System EACH
SPV.0060.17 Hvac Work EACH
SPV.0060.18 Lighting EACH
SPV.0060.19 General Electrical Work EACH
SPV.0060.20 Fire Alarm System EACH
SPV.0060.21 Lightning Protection For Structures EACH
SPV.0060.22 Plumbing Work EACH
SPV.0060.23 Stairs EACH
SPV.0060.24 Rough Carpentry EACH
SPV.0060.25 Metal Fabrications EACH
SPV.0060.26 Gypsum Board Partitions And Assemblies EACH
SPV.0060.27 Ceilings EACH
SPV.0060.28 Interior And Exterior Signage EACH
SPV.0060.29 Other Architectural Work EACH
SPV.0060.30 Fire Suppression EACH
SPV.0060.31 Pids, Communications, And Security Work EACH
SPV.0060.32 Wheelchair Lift Enclosure, New and Relocations EACH
SPV.0060.33 Railing Pipe EACH
SPV.0060.34 Masonry And Cast Stone Work EACH
SPV.0060.35 Concrete Slab Form Pan EACH
SPV.0060.36 Aluminum And Glass Curtainwalls EACH
SPV.0060.37 Roofing And Accessories EACH
SPV.0060.38 Exterior Metal Panels EACH
SPV.0060.39 Louvers EACH
SPV.0060.40 Finishes EACH
SPV.0085.01 Structural Steel LB
SPV.0090.01 Construction Staking Fence LF
SPV.0090.02 Drilled Shaft Foundations 24-Inch LF
SPV.0090.03 Helical Pile LF
SPV.0090.04 Marking Line Paint 4.5-Inch Yellow LF
SPV.0090.05 Marking Line Contrast Paint 2-Inch Black LF
SPV.0090.06 Removable Intertrack Fence LF
SPV.0090.07 Sanitary Sewer PVC 6-Inch LF
SPV.0090.08 Sanitary Sewer PVC 8-Inch LF
SPV.0090.09 Concrete Barrier Temporary Precast Left in Place LF
SPV.0165.01 Temporary Shoring Railroad SF

**STANDARDIZED SPECIAL PROVISIONS (STSP’s)**

Revisions have been made to the following STSP's:

204.9060.S Removing 01. Landscaping Boulders EACH
204.9060.S Removing 02. Removing Bollards EACH
611.8120.S Cover Plates Temporary EACH
616.0700.S Fence Safety LF

**PLANS and PROPOSALS**

The SE-WKE office requests 25 11”x17” size plans and 25 proposals for construction purposes.

**SIGN DETAILS and SIGN PLATES**

See FDM 19-10-15 for guidance

Required

**NATIVE AMERICAN HIRING PROVISION**

Is there a requirement?No If Yes, verify [tribal contact information](https://wisconsindot.gov/Documents/doing-bus/eng-consultants/cnslt-rsrces/environment/nativeamerlisting.docx) and provide information in the Special Provisions.

**ADDITIONAL SPECIAL PROVISIONS (ASP's)**

See FDM 19-10-15

ASP-1 Required

 Total Graduate Hours per Proposal; Number of Graduates 9; 13,500

 Total Apprentice Hours per Proposal; Number of Apprentices 2;

4,000

ASP-3 is required in all federally funded contracts.

ASP-4 is required in all state and federally funded contracts.

ASP-5 Not Required {List SPV Earthwork items ASP-5 applies to, and list fuel usage factor.}

ASP-6 is required in all state and federally funded contracts.

ASP-7 is required in all state and federally funded contracts.

ASP-9 is required in all state and federally funded contracts.

**FORCE ACCOUNT AGREEMENTS**

Total Agreement Amount: $241,000 Railroad

Excluded Costs: N/A

Cost Effectiveness Findings for Force Accounts Agreements {See FDM 19-10-15} are not applicable.

Projects to adjust utilities and railroad facilities owned or operated by a public agency, railroad
company, or a utility company, provided they are qualified to perform the work in a satisfactory
manner. See Part 635.205 of the Federal-Aid Policy Guide (FAPG).

N/A

**POSTING OF PRELIMINARY PLANS**

BPD will post preliminary plans on the HCCI for projects that meet the criteria. (See FDM 19-10-15 for guidance.)

Preliminary plans will be posted on the HCCI if one or more of the following answers is “yes”:

Does this project have 50,000 CY or more of earthwork? No

Does this project have any of the following unique structural components: Yes

* Steel Girders
* Specialty Steel
* Large Quantities
* Accelerated Bridge Construction (ABC)
* Specialized Construction (“Roll-ins,” etc.)

Is the engineer estimate for this project greater than $20 million? No

Does the Region deem it appropriate to post preliminary plans for another reason? No

{If Yes, briefly describe reason for posting preliminary plans. (List only reasons that are different than the criteria listed above)}

**LABOR COMPLIANCE PREVAILING WAGE RATE DECISIONS**

BPD will insert Davis Bacon prevailing wage rates into federally funded proposals based on the following criteria.

Highway construction wage rates (WI10) will be included in all contracts.

Bridge Construction over Federal Navigable Waterway? No

Sanitary Sewer and Water Line Construction? Yes

Is total estimate of sanitary sewer/water line work $1,000,000 or greater? No

What percent of total contract estimate is sanitary sewer/water line work? <1%.

Building Construction (construction, rehabilitation and repair of sheltered enclosures with walk-in access for the purpose of housing persons, machinery, equipment, or supplies. Examples wayside building, salt shed, bridge tender house, etc.)? Yes

**CONCLUSION**

N/A

{cc if applicable}

JLL:JLL

Date: 2/14/2023

Prepared By: Jessica Lancelle

*Subject:* Project ID 1000-57-70

Milwaukee Airport 2nd Platform

RR Crossing 393023R to 1200 FT South

STH 119

Milwaukee County

Legislative Subprogram Code 21- Safety

*Let Date:* 4/11/2023

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| **Summary of Review Documentation** |
| Division of Transportation System Development **DTSD** and Division of Transportation Investment Management **DTIM** ReviewsSee FDM 19-10-5.11 & 19-10-15 | **Date of Completion**State status of review, or not applicable, NA.Provide applicable information but strive for Date of Completion: |
| **Bureau of Project Development**  |  |
| Design & Construction Services Section1. Project Development Unit
 |   |
| Regional Utilities Coordinator | Region responsibility (DT1080**)** |
| Structure Design Section1. Preliminary Design
 | 11/2/2020 - 30% |
| 1. Final Design Submitted to Bureau of Structures
 | N/A |
| **Bureau of Traffic Operations** |  |
| Winter Operations and Roadside Management Section * Pavement Maint. & Roadside Facilities
 | 2/7/2022 – 90% Review |
| * Landscape Architecture
 | 6/1/2022 – Final Review |
| Traffic Engineering Section* Traffic Design (Signing & Marking)
 | 3/3/2022 – 90% Review |
| * Traffic Operations (Safety)
 | N/A |
| * Transportation Management Plan
 | 90% Approved 8/3/2022 |
| Traffic Operations, Maintenance, and Electrical Section |  |
| * Electrical Implementation Section (STOC)
 | N/A |
| * Intelligent Transportation Systems (STOC)
 | N/A |
| **Bureau of Technical Services** |  |
| Contaminated Sites Team1. Hazardous Materials
2. Asbestos
 | N/AN/A |
| Natural Resources Team1. Wetlands
 | N/A |
| 1. Endangered Resources
 | 11/25/2020 |
| Environmental Review & Analysis Team1. Archeology / Historical Structures
 | 9/29/2017 Amended |
| 1. Air & Noise
 | N/A |
| 1. Erosion control / Storm Water Discharge
 | 10/25/2022 |
| **Bureau of Transit, Local Roads, Rails & Harbors** |  |
| Rail Engineering and Safety  | Region responsibility (DT1804) |
| **Bureau of Technical Services** |  |
| Acquisition and Services Section | Region responsibility (DT1899) |