

CORRESPONDENCE/MEMORANDUM _____ STATE OF WISCONSIN

Date: 12/2/2019

Version 10.0

To: Jillene Fehrman, P.E.
Attn: Chief Proposal Management Engineer
Bureau of Project Development, Room 601 Hill Farms

From: Doug Cain
Project Manager
SE-WKE Region

Approved: Benedict Eruchalu
Supervisor

Subject: Project ID 3240-17-60
STH 32 - Storm Sewer Repair
7th Place, 875 Sheridan Rd, 11th Pl
Non HWY
Kenosha County

Other Subject Projects:
N/A

Legislative Subprogram Code 303

Bid Letting Date (for Bid Contracts): 5/12/2020

Associated Design Project ID contract: 3240-17-30

INTRODUCTION

We are submitting for your review and approval, the P.S.& E. for the proposed Storm Sewer Repair project. Major items of work include Revetment, excavation common, aggregate base, HMA pavement, curb and gutter, storm sewer, water lateral offsets, pavement marking, landscaping, restoration and all incidental items necessary to complete the work. The project is 0.777 miles in length and is located in the Village of Somers, Kenosha County, Wisconsin. Kenosha County has the greatest percentage of work.

Contract Type: LET

Alternative Contracting Methods Used: No

PS&E Due Date: 2/1/2020

Anticipated Construction Starting Date: 07/06/2020

Anticipated All Work Complete Date: 10/15/2021

Performance Miles: 0.777

The SE Region Design contact person is:

Doug Cain Phone No. (262) 548-5603 Douglas.Cain@dot.wi.gov

The Region Local Program Management Consultant Design contact person is:

{Name} Phone No. () - {Internet E-Mail Address}

The SE Region contact person for project information after advertising is:

Doug Cain Phone No. (262) 548-5603 Douglas.Cain@dot.wi.gov

The Consultant contact person is:

Mary Beth Pettit Phone No. (414) 266-9175
Marybeth.pettit@graef-usa.com

The estimate was prepared by: Consultant

Consultant Company Name: GRAEF

This project is on the National Highway System.

This project is not 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 not be held for this project. The pre-bid meeting N/A mandatory.

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SYNOPSIS OF SIGNIFICANT APPROVALS, ACCEPTANCES OR COMPLETED ACTION:

<u>Description</u>	<u>Date</u>
Concept Definition Report	N/A
Final Environmental DocumentPCE	08/19/2019
Department of Natural Resources Final Concurrence	Pending
DNR 401 Water Quality Certification	Pending
WPDES Storm Water Discharge Permit Certification	Pending
Corps of Engineers Permit	Pending
Section 106 report	06/04/2019
Pavement Design	N/A

Exception to Standards	N/A
Design Study Report	09/25/2019
Hazardous Material, Site Reconnaissance	4/11/2019}
Asbestos Inspection	N/A

ENVIRONMENTAL ISSUES/COMMITMENTS

Asbestos is not present on structures.

Environmental commitments have been included with this submittal. See 32401760_env.pdf document for detailed information on the environmental commitments.

PERMITS

Pending

RIGHT-OF-WAY

Real estate interests are required from four properties in the project corridor. TLE's are required from four parcels. Acquisition of all right-of-way interests is complete.

UTILITIES

There are underground and overhead facilities located within the project limits. There are no known utility adjustments required for this construction project.

SANITARY SEWER and WATER MAIN

Sanitary sewer and water main is located in the project limits. Water laterals will either need offsets or insulation which are included in the contract documents to be completed as part of the project

RAILROADS

N/A

HAZARDOUS MATERIALS and ASBESTOS

A Phase I hazmat report was completed on December 27, 2018. A Phase I addendum was completed on April 11, 2019. One parcel was found along the project corridor that has contamination but no excavation will be done in this area.

Sediments excavated from the lakebed require special disposal. The following specifications are included in the contract documents.

Excavation, Hauling, and disposal of Sediment, item SPV.0195.01. Outfall #1 will have approximately 1650 cubic yards (approximately 2805 tons at an estimated 1.7 tons per cubic yard) of sediment excavated from this location. Outfall #3 will have approximately 790 cubic yard (approximately 1343 tons at an estimated 1.7 tons per cubic yard) of sediment excavated from this location.

DESIGN DATA

N/A

STRUCTURES

N/A

LANDSCAPE ARCHITECTURE

N/A

TRAFFIC SIGNALS

N/A

TRAFFIC

STH 32 will be closed to northbound traffic and detoured when the storm sewer portion of the project is being constructed. Southbound traffic will be reduced to one lane along the outside lane through the work zone. The detour will be along CTH E to CTH Y to CTH A back to STH 32. All signing will be installed and maintained by the contractor as part of the project.

Rebecca Klein approved the Transportation Management Plan on 9/6/2019.

The Finished Traffic Control Plan & Review Meeting was held on N/A

LIGHTING

Street lights are only located at intersections. There are no lighting modifications associated with this project.

This project is on the State Highway System and is state maintained.

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.0035.01	Engineered Soil
SPV.0035.05	Clay Cap
SPV.0060.01	Salvage Catch Basins
SPV.0060.02	Manholes 4x10-FT
SPV.0105.01	Revetment Outfall 1
SPV.0105.02	Revetment Outfall 3
SPV.0105.03	Relocate Swing
SPV.0105.04	Relocate Bike Rack
SPV.0105.05	Moving Wood Sign
SPV.0180.01	Geomembrane
SPV.0195.01	Excavation, Hauling, and Disposal of Sediment

PROPRIETARY ITEMS

A Proprietary Product Justification has been submitted to, and approval has been received by, the Project Development Engineer for the use of the following proprietary items:

Item No. and Description

N/A

STANDARDIZED SPECIAL PROVISIONS (STSP's)

Revisions have been made to the following STSP's:

632-005 Landscaping Planting Surveillance and Care Cycles was modified to reduce the plant establishment period from a two year period to a one year period.

PLANS and PROPOSALS

The SE Region Office requests 35 11"x17" size plans and 35 proposals for construction purposes.

SIGN DETAILS and SIGN PLATES

See FDM 19-10-15 for guidance

Required

ADDITIONAL SPECIAL PROVISIONS (ASP's)

See FDM 19-10-15

ASP-1 Choose an item.

Total Graduate Hours per Proposal; Number of Graduates {Number of Graduates}; {Number of hours per project ID or N/A}

Total Apprentice Hours per Proposal; Number of Apprentices {Number of Apprentices}; {Number of hours per project ID or N/A}

ASP-3 is required in all federally funded contracts.

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

ASP-5 Not Required

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

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

ASP-8-NS Freeway Not Required

ASP-8-USH 41 Not Required

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

FORCE ACCOUNT AGREEMENTS

Total Agreement Amount: N/A

Excluded Costs: N/A

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

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: No

- 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

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.)? No

CONCLUSION

Please include the following state plates in the plan set:

A4-3 Typical installation of type II Signs on Single Post

A4-8 Attachment of Signs to Wood Posts

A4-9 Tubular Steel Sign Post

A4-11 4X6 Wood Post Modification

[Click here to enter text.](#)

DJR:djr

Date: 12/2/2019

Prepared By: GRAEF

Subject: Project ID3240-17-60
 STH 32 - Strom Sewer Repair
 7th Place, 875 Sheridan Rd, 11th Pl
 Non Hwy
 Kenosha County

Legislative Subprogram Code 303

Let Date: 5/12/2020

Summary of Review Documentation	
Division of Transportation System Development DTSD and Division of Transportation Investment Management DTIM Reviews See 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 Section	
• Project Development Unit	
Regional Utilities Coordinator	Region responsibility (DT1080)
Structure Design Section	
• Preliminary Design	N/A
• Final Design Submitted to Bureau of Structures	N/A
Bureau of Traffic Operations	
Winter Operations and Roadside Management Section	N/A
• Pavement Maint. & Roadside Facilities	
• Landscape Architecture	N/A
Traffic Engineering Section	
• Traffic Design (Signing & Marking)	
• Traffic Operations (Safety)	
• Transportation Management Plan	
Traffic Operations, Maintenance, and Electrical Section	
• Electrical Implementation Section (STOC)	N/A
• Intelligent Transportation Systems (STOC)	N/A
Bureau of Technical Services	
Contaminated Sites Team	
• Hazardous Materials	4/11/2019
• Asbestos	N/A
Natural Resources Team	
• Wetlands	N/A
• Endangered Resources	
Environmental Review & Analysis Team	
• Archeology / Historical Structures	6/4/2019
• Air & Noise	N/A
• Erosion control / Storm Water Discharge	
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)