



ENGINEERING AND SMART SEWER QA/QC FORM & CHECKLIST FOR DOCUMENT SUBMITTAL

Project Name: WMR SW. Blvd. to Main St., W.43 rd St. to Pershing Ave.- Phase II	Document Type: Bid Recommendation
Project Number: 80002540	Contract Number: 9901
Project Manager: Nimesha Senanayake	Ordinance Number (If Applicable) : TBD

The Engineering Leadership Team will establish the Quality Assessors based on the type of deliverable. The Project Manager shall submit their request to their Supervisor for assignment of the Quality Assessors. Supervisors shall consult with their respective Officer for assignments.

Level 1 Review With Checklist	Quality Assessor 1 Deadline:
Project Manager: <i>I have prepared this document for review. I attest to the quality of the content, accuracy of the content and grammatical work contained herein.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> _____ Signature </div> <div style="text-align: center;"> 12-16-2024 _____ Date </div> </div>	Quality Assessor: <i>I have reviewed this document, indicated my comments and initialed the Checklist</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> _____ Signature </div> <div style="text-align: center;"> 12-17-2027 _____ Date </div> </div>

Level 2 Review With Checklist	Quality Assessor 2 Deadline:
Project Manager: <i>I have reviewed the Level 1 version of this document. All indicated comments and edits have been incorporated or resolved to my satisfaction. I have completed the attached Checklist.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> _____ Signature </div> <div style="text-align: center;"> _____ Date </div> </div>	Quality Assessor: <i>I have reviewed this document, indicated my comments and initialed the Checklist.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> _____ Signature </div> <div style="text-align: center;"> _____ Date </div> </div>

Level 3 Review - Final
Project Manager: <i>I have completed each of the review steps and initialed the Checklist. I have prepared this document for final approval and routing. I attest to the quality of the content, accuracy of the content and grammatical work contained herein.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> _____ Signature </div> <div style="text-align: center;"> _____ Date </div> </div>

***QA/QC Form & Checklist must be transmitted with all documents routed for approval. ***



Engineering and Smart Sewer QA/QC CHECKLIST

**REFER TO SIGNATURE MATRIX FOR ROUTING OF DOCUMENTS.
QA/QC FORM & CHECKLIST MUST BE TRANSMITTED WITH ALL DOCUMENTS.**

PM
Initials **QA 1**
Initials **QA 2**
Initials

Is the information presented in a logical order?

Is the document presented in consistent tense?

Is the document written in third person?

Is proper grammar used?

Is proper paragraph and sentence structure used?

Is punctuation properly and consistently applied?

Are abbreviations/acronyms properly defined and consistently used?

Has the content been proofread for typographical/spelling errors?

Would the content make sense to a person unfamiliar with this project/work?

Has the reader's perspective been considered?

Has all supporting documentation/information been included?

Is the correct version of the memo/form being utilized (correct: letterhead and signature lines)?

Has all math been verified as correct?

Are the project and contract numbers correct?

Are the funding strings correct?

Are the descriptions, justifications and reasons accurate and defensible?

Are the details and information for the ordinance and authorization correct?

For change orders: Are the authorized/spent/remaining funds correct?



**KC WATER
ENGINEERING**

DATE: December 16, 2024
TO: Jeff Martin, P.E., Deputy Director
Kenneth Morgan
FROM: Nimesha Senanayake, P.E.
SUBJECT: Bid Recommendation

DS
AS

Project Name: Water Main Replacement SW. Blvd. to Main St., W.43rd St. to Pershing Ave. - Phase II

Project Number: 80002540
Funding Source: 8082-807705-611060-80002540
Contract Number: 9901 **Budget Year:** 2025

Bid Summary Information

- Bid Opening Date: December 10, 2024
- # of Bids Received: 2 (Two)
- Lowest, Responsible, Responsive bid submitted by: Beemer Construction

Bid Cost Breakdown

Base Bid \$9,231,950.00
 +Allowance \$150,000.00
Total Sum of Bid: \$9,381,950.00

Cost per mile: (\$Base Bid/Lin Feet of WMR) * (5,280 ft/mile) = \$4,601,595.02 per mile

Adding a 10% construction contingency produces the following breakdown:

Base Bid \$9,381,950.00
 +Construction Contingency \$938,195.00
Total: \$10,320,145.00

Here is the bid opening summary:

Bidder	Base Bid	Allowance	Total Bid
Beemer Construction CO., Inc.	\$9,231,950.00	\$150,000.00	\$9,381,950.00
SheDigs IT, LLC	\$10,121,795.00	\$150,000.00	\$10,271,795.00
Project Estimate	\$10,500,000.00	\$150,000.00	\$10,650,000.00

CREO Set MBE/WBE Goals: MBE 11% WBE11%

Beemer Construction submitted their Contractor Utilization Plan with 11% MBE and 11.01% WBE business participation. There are no written violations of any MBE/WBE programs and has incurred no penalties.

Project Description

This Project in general consists of replacing approximately 10,593 LF 6-inch, 8-inch 10-inch, 16-inch and 30-inch break-prone or obsolete water mains and appurtenances and providing other distribution system improvements within the project limits, generally defined as SW. Blvd. to Main St., W. 43rd. St. to Pershing Ave. - Phase II. The specific mains to be replaced and other distribution system improvements within the project limits consist of the following:

1. Replace existing 10-inch CIP along SW. Blvd. between 29th St. and W. 31st St.
2. Replace existing 10-inch CIP along SW. Blvd. between 24th St. and 28th St.
3. Replace existing 30-inch CIP along SW. Blvd. 27th St and 25th St.
4. Replace existing 16-inch CIP along W. 24th St between Belleview Ave. and Monito Pl.
5. Replace existing 16-inch CIP along SW. Blvd. between Monitor Pl. and Summit St.
6. Replace existing 6-inch CIP along W. 27th St. between Southwest Blvd. and Holly St.,
7. Replace existing 10-inch CIP along Southwest Blvd. between W. 28th St. and W. 29th St.,
8. Replace existing 6-inch along W. 29th St. between Southwest Blvd. and Fairmount Ave.,
9. Replace existing 8-inch CIP along Roanoke Rd. between Southwest Blvd. and West 31st St.

Experience Reference Form

Beemer Construction submitted the required Evidence of Competency and Experience Reference Form/Summary for similar projects. All projects were completed within the last eight years (or for similar projects). Bid forms and price were reviewed and were lower than the Engineer’s Opinion of Probable Construction Cost and was acceptable.

Financial Statement

Beemer Construction financial standing was performed using the Dun & Bradstreet (D&B) ratings was performed with the following results;

- Date of Credit Review: April 17, 2024
- D&B Rating: Undetermined
- Number of employees: Undetermined
- Overall level credit appraisal: Low Risk

Claims and Lawsuits

- Number of liens/judgements against the company: 0
- Number of open suits: 0

List of Subcontractors and Suppliers

An acceptable List of Subcontractors to be used on this project is included in the Bid Packet.

Recommendation to Award

I recommend the City move forward and award Contract 9901 with Beemer Construction for a total sum of \$9,381,950.00, plus a construction contingency of \$938,195.00 for a maximum expenditure of \$10,320,145.00

Approved: DocuSigned by:
David Poirier
CDA8BEE0007B4B0... Date: 12/31/2024

David Poirier, P.E. Division Head

Approved: DocuSigned by:
Jeff Martin
756D1017BA554BC... Date: 1/2/2025

Jeff Martin, P.E., Chief Engineering Officer

Approved: Signed by:
Kenneth Morgan
47CA3804D3B6446... Date: 1/2/2025

Kenneth Morgan, Director

Cc: Procurement Administrator
Contract File # 9901