



**KC WATER
ENGINEERING**

DATE: March 25, 2025
TO: Jeff Martin, P.E., Deputy Director
Ken Morgan, P.E., Director
FROM: Daniel Luna, Project Manager – Distribution Division
SUBJECT: Bid Recommendation

DS
DL

Project Name: WMR in the Area of 61st St. to 75th St., Ward Pkwy to Chestnut Avee

Project Number: 80002584

Funding Source: 8010-807705-611040-80002584

Contract Number: 9936 **Budget Year:** 2025

Ordinance # TBD

KC Water provided recommendations to the selection committee listed below, based on an interdepartmental review of each proposers' qualifications and project approach.

SELECTION TYPE AND COMMITTEE MEMBERS:

Selection Type: City Wide Selection

Selection Method: Proposals Only

Selection Committee Members

1. Ken Morgan, P.E., Director of Water Services
2. Melissa Patterson Hazley, Councilmember 3rd District at Large
3. Jeff Martin, P.E., Deputy Director of Water Services

Facilitator: David Poirier, P.E., Water Distribution Manager

Here is the bid opening summary:

1. Benesch
2. Burns & McDonnell
3. Cook, Flatt, & Strobel Engineers

- 4. Crawford, Murphy, Tilly
- 5. Garver
- 6. GBA
- 7. Hg Consult
- 8. HNTB
- 9. Jacobs
- 10. Kimley Horn
- 11. Lamp Rynearson
- 12. McClure
- 13. Olsson Associates
- 14. Renaissance Infrastructure Consulting
- 15. SK Design Group, Inc. (SKDG)
- 16. Tetra Tech
- 17. Trekk Design Group, LLC
- 18. Veenstra & Kimm Inc. (VK)
- 19. VSM Engineering
- 20. Wilson & Company

Bid Cost Breakdown

Maximum Design Professional Amount	\$962,051.00
Optional Services	\$62,312.00
GRAND TOTAL	\$1,024,363.00

Design Cost per linear Foot w/o Optional Services: \$32.9
Design Cost per linear Foot w/ Optional Services: \$35.0

Project Description:

On November 22, 2024, KC Water advertised a request for proposals from design professionals to assist in the design of the Water Main Replacement in the Area of 61st Street to 75th Street, Ward Pkwy to Chestnut Ave. Work will result in the design for the replacement of approximately 25,275 LF 6-inch, 8-inch, 12-inch and 16-inch, water mains in Kansas City, Jackson County, Missouri. The project will replace the water mains in the following areas:

- 1. E 63rd St. - Brooklyn Ave. to N Olive St. - 1,327 LF 12" CIP to 12" DIP, Abandon 6"
- 2. Charlotte St - E 62nd St. to E 61st St. - 1,052 LF 6" CIP to 8" DIP
- 3. E 61st St. - Holmes St. to Charlotte St. – 460 LF 6" CIP to 8" DIP
- 4. Cherry St. - E 62nd St. to E 61st Ter. – 872 LF 6" CIP to 8" DIP
- 5. E 65th St. - McGee St. to Oak St. – 442 LF 6" CIP to 8" DIP
- 6. Edgevale Rd. - E 65th Ter. to Oak St. – 892 LF 6" CIP to 8" DIP
- 7. Walnut St. - E 65th St. to E Meyer Blvd. – 874 LF 6" CIP to 8" DIP
- 8. W 66th Ter. - Ward Pkwy. to Valley Rd. – 1,284 LF 6" CIP to 8" DIP
- 9. E 70th Ter. - Holmes Rd. to Troost Ave. – 1,699 LF 6" CIP to 8" DIP
- 10. Montgall Ave. - E 75th St. to E 74th St. – 1,007 LF 6" CIP to 8" DIP
- 11. E 66th St - Troost Ave. to Paseo Blvd. – 2,342 LF 6" CIP to 8" DIP

12. Paseo Blvd. - E 66th St to E 67th St. – 1,724 LF 6" CIP to 8" DIP
13. Woodland Ave. - E 66th Ter. to Paseo Blvd. – 338 LF 12" CIP to 12" DIP, Abandon 6"
14. Broadmoor St. - Wayne Ave. to E 66th St. – 317 LF 6" CIP to 8" DIP
15. Paseo Blvd. - E 67th Ter. to E 69th Ter. – 1,765 LF 6" CIP to 8" DIP
16. Paseo Blvd. - E 68th St. to E 67th Ter. – 743LF 6" CIP to 8" DIP
17. E 67th Ter. - Paseo Blvd. to Prospect Ave. – 1,614 LF 6" CIP to 8" DIP
18. Prospect Ave. - E 68th St. to E Meyer Blvd. (T-Main) – 1,876 LF 16" CIP to 16" DIP
19. E 67th St. - Wabash Ave. to Prospect Ave. – 424 LF 8" CIP to 8" DIP
20. Prospect Ave. - E 67th Ter. to E 67th St. (Dist. Main) – 411 LF 8" CIP to 8" DIP
21. E 70th St. - Paseo Blvd. to Prospect Ave. – 2,102 LF 6" CIP to 8" DIP
22. E 70th Ter. - Paseo Blvd. to Prospect Ave. – 2,258 LF 6" CIP to 8" DIP
23. E Gregory Blvd. - Paseo Blvd. to Prospect Ave. – 2,664 LF 12" CIP to 12" DIP
24. Olive St. - E 71st Ter. to E Gregory Blvd. – 735 LF 6" CIP to 8" DIP
25. E 68th St. – West of Paseo Blvd. to East of Paseo Blvd. – 300 LF 6" CIP to 8" DIP

Total length of approximately: 29253 LF

The basic Scope of Services is organized under the following Task Series:

- Task Series 100 – Project Administration
- Task Series 200 – Preliminary Design
- Task Series 300 – Final Design
- Task Series 400 – Optional Services

Recommendation to Award

I recommend the City move forward and award Contract 9936 with HNTB for a total sum of \$1,024,363.00.

Approved:  CDA8BEE0007B4B0... Date: 5/9/2025

David Poirier, P.E., Division Head

Approved:  756D1017BA554BC... Date: 5/9/2025

Jeff Martin, P.E., Deputy Director

Approved:  47CA3804D3B6446... Date: 5/14/2025

Ken Morgan, P.E, Director

Cc: Procurement Administrator
Contract File # 9936



3/10/2025

HNTB Job No. 83532 (KCMO Project 80002584): 61st St. to 75th St., Ward Pkwy to Chestnut Ave.

WATER MAIN**DESIGN PROFESSIONAL LABOR**

Task Summary	DIRECT LABOR & EXPENSES	
	HOURS	COST
Water Line Relocation Design and Plans - Distribution Mains	4,346	\$667,031
SUBTOTAL		\$667,031

EXPENSES

Expense Item	COST
Printing/Plotting Expenses	\$2,000
T&B (MBE 14% Goal)	\$134,687
Trekk Design Group (WBE 14% Goal)	\$134,687
Task Expenses (potential MBE & WBE fees in excess of project goal)	\$23,646
SUBTOTAL	\$295,021

TOTAL PROJECT SUBTOTAL (Without Optional Services) = \$962,051

OPTIONAL SERVICES

Optional Services	COST
Easements	\$12,312
6.5% of Total Fee (includes Easements)	\$50,000
SUBTOTAL (OPTIONAL SERVICES - Task 400)	\$62,312

TOTAL PROJECT SUBTOTAL (With Optional Services) = \$1,024,363
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HNTB Job No. 83532 (KCMO Project 80002584): 61st St. to 75th St., Ward Pkwy to Chestnut Ave.

PERSON-HOUR TASK BREAKOUT FOR: HNTB SUMMARY

		Project Manager	Project Engineer	Design Engineer	Technician	Admin.	TOTAL HOURS	TOTAL FEE
Water Line Relocation Design and Plans								
Task	Project Administration							
101	Conduct Project Administration Services (Including WorkPlan)	60	20			40	120	\$23,104
102	Monthly Project Status Reports (12)	24				24	48	\$8,755
103	Initial Project Meeting	4	4	4			12	\$2,250
104	Monthly Progress Meetings (12)	24	24	12	12		72	\$13,388
SUBTOTAL		112	48	16	12	64	252	\$47,497
Task	Prepare Preliminary & 60% Construction Drawings							
201	Envision Consideration	4	8	20			32	\$5,107
202	Conduct Field and Record Investigation and Pipeline Route Surveys (A, B & E, and Coordination with Subs C & D)	10	16	16	10		52	\$8,725
203	Prepare Preliminary Layout Drawing and Review	60	200	400	260		920	\$136,861
204	Prepare Preliminary Construction (60%) Drawings	80	320	750	300		1450	\$215,080
205	Submit 60% Completion Drawings	8	10	12	8		38	\$6,402
206	Prepare Preliminary Opinion of Probable Construction Cost	8	16	40	16		80	\$12,257
	QA/QC	20					20	\$5,168
SUBTOTAL		190	570	1238	594	0	2592	\$389,600
Task	90% and Final Design and Plans							
301	Prepare 90% Construction Drawings	50	160	350	120		680	\$102,874
302	Prepare Specifications	10	20	80			110	\$16,872
303	Submit 90% Completion Drawings	8	10	10	8		36	\$6,129
304	Finalize Drawings for Bidding	30	100	250	80		460	\$68,886
305	Prepare Final Opinion of Probable Construction Cos	2	12	24			38	\$5,806
306	Prepare SWPPP Supporting Information (Part I & II)	2	8	16			26	\$4,043
307	Provide Data for Asset Management	8	20	40	30		98	\$14,714
308	Prepare Railroad Permit Documentation	4	10	20			34	\$5,442
	QA/QC	20					20	\$5,168
SUBTOTAL		134	340	790	238	0	1502	\$229,933
3.04 multiplier		436	958	2044	844	64	4,346	\$667,031
2024 LABOR BILLING RATE (\$/Hour)		\$ 85.00	\$ 55.00	\$ 45.00	\$ 42.00	\$ 35.00		
SUBTOTAL COST		\$258.40	\$167.20	\$136.80	\$127.68	\$106.40		
		\$112,662	\$160,178	\$279,619	\$107,762	\$6,810	\$667,031	

EXPENSES:	
PRINT/PLOT /MILEAGE	\$2,000

EXHIBIT A
TREKK HOURS
25-xxxx
HNTB
KCMO WMR FY25
67th - 71st / Propsect - Paseo

14,300 Linear Feet

14,300 Linear Feet		TREKK Design Group LLC										
		Admin	Utility Manager	Survey Tech II	Survey Tech I	Survey Crew	3 person Survey Crew	PLS	Project Manager	Principal	TREKK Expenses	Task Total
Task 202. D	Conventional Survey											\$ 129,260.00
	Establish Control			16		64						\$ 15,448.00
	Topographic Survey Aprox. 13,800'					236						\$ 50,976.00
	Locate & measure Utilities					100						\$ 21,600.00
	Locate boundary					40						\$ 8,640.00
	Photos Geolocated			16	16							\$ 3,864.00
	Prepare Base Map			88	120			16				\$ 28,732.00
												\$ -
Task 202.C	Utility Coordination		88									\$ 11,616.00
												\$ -
												\$ -
Task 401 (Optional Seivices)	Prepare 5 Esmts (Reports not Included)	2			15			10	3			\$ 4,812.00
Task	Project Administration	13							33			\$ 8,140.50
Task	Expenses											\$ 2,695.00
	Mileage (0.70)										\$ 2,695.00	\$ 2,695.00
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FY '25 WMR
WSD PN: 80002584
Lines 1-14 (Topo/Easement Scope)
2024-184
March 03, 2025



Task	Surveyor VII	Surveyor VI	Surveyor V	Surveyor IV	Surv. Tech VI	Surv. Tech III	2-Member Crew (VIII/III)	Admin. III	Principal	Total	
<u>SURVEY SERVICES COST + 3.04 Multiple</u>							GRAND TOTAL				\$139,640
TASK 1. ADMINISTRATION											
1.1 Proposal										0	
1.2 Supervision	6	8							6	20	
1.3 Task 1a										0	
									Task 1 Hours Subtotal	20	
TASK 2. OFFICE RESEARCH											
2.1 Review Scope/Job Setup		6								6	
2.2 Plats, Deeds, Adjoiners										0	
2.3 Road Records										0	
2.4 Flood Information										0	
2.5 Building Restrictions, Zoning										0	
2.6 Control (Monuments/Benchmarks)		4								4	
2.7 Section Corner Research										0	
2.8 Notify Missouri One-Call		14								14	
2.9 Utilitiy (Public Improvement Notice)										0	
2.10 Order O&E's											
2.11 Task 2a										0	
									Task 2 Hours Subtotal	24	
TASK 3. FIELD WORK											
3.1 Orientation							4			4	
3.2 GPS Control							8			8	
3.3 Traverse							7			7	
3.4 Run Benchmark to Site							7			7	
3.5 Section Corner Search							4			4	
3.6 Property Corner Search							7			7	
3.7 Locate Section/Property Corners							7			7	
3.8 Borings (Set or Locate)										0	
3.9 Topographic Survey							240			240	

FY '25 WMR
WSD PN: 80002584
Lines 1-14 (Topo/Easement Scope)
2024-184
March 03, 2025



Task	Surveyor VII	Surveyor VI	Surveyor V	Surveyor IV	Surv. Tech VI	Surv. Tech III	2-Member Crew (VIII/III)	Admin. III	Principal	Total
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TASK 3. FIELD WORK *Cont.*

3.10 Cross Sections										0
3.11 Set Monuments										0
3.12 Field Check										0
3.13 Travel Time										0
3.14 Construction Staking										0
3.15 Task 3a										0
3.16 Task 3b										0
Task 3 Hours Subtotal										284

TASK 4. OFFICE

4.1 Note Reduction / Data Downloads		14								14
4.2 Prepare Drawings		420								420
4.3 Easement Descriptions										0
4.4 Calculations										0
4.5 L.S. Check	5									5
4.6 Plattting										0
4.7 Task a							4			4
4.8 Task b										0
Task 4 Hours Subtotal										443

	Surveyor VII	Surveyor VI	Surveyor V	Surveyor IV	Surv. Tech VI	Surv. Tech III	2-Member Crew (VIII/III)	Admin. III	Principal	Total
TOTAL HOURS	11	466	0	0	0	0	288	0	6	771
2025 Hourly Rates (Max per Classification)	\$51.25	\$47.00	\$45.00	\$41.75	\$38.00	\$30.25	\$70.75	\$25.00	\$104.25	
Fee on 2025 Hourly Rates	\$563.75	\$21,902.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,376.00	\$0.00	\$625.50	43467
Multiplier	3.04							TOTAL	\$132,140	

Docusign Envelope ID: 1B1C9854-664F-47B8-B377-6CA553C2B01D
FY '25 WMR
WSD PN: 80002584
Lines 1-14 (Topo/Easement Scope)
2024-184
March 03, 2025



SUPPLIES	Quantity	Unit Cost	Total
1. Stakes			\$0.00
2. Lathe			\$0.00
3. Nails			\$0.00
4. Flagging			\$0.00
5. Paint			\$0.00
6. Bars			\$0.00
7. Caps			\$0.00
8. Mileage			\$0.00
9. Misc.			\$0.00
Supplies Subtotal			\$0.00

MISCELLANEOUS / OPTIONAL SERVICES	Quantity	Unit Cost	Total
1. Aerial Topography			
2. Utility Locating Services			
3. Printing Cost			
4. Record Copies (Plats, Deeds, Maps)			
5. Recording Fees			
6. Easment Preparation	5	\$ 1,500	\$7,500
7. Per Diem			
Misc. Subtotal			\$7,500
Supplies + Misc./Optional Services			\$7,500.00

GRAND TOTAL	\$139,640
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HNTB Job No. 83532 (KCMO Project 80002584): 61st St. to 75th St., Ward Pkwy to Chestnut Ave.						
	Description	Direct GIS measured (LF)	Number of side street connections	Estimated Side Street Connection Length	LF Contracted	
1	E 63rd St. - Brooklyn Ave. to N Olive St.	881	6	446	1327	T&B
2	Charlotte St - E 62nd St. to E 61st St.	951	1	101	1052	T&B
3	E 61st St. - Holmes St. to Charlotte St.	373	1	87	460	T&B
4	Cherry St. - E 62nd St. to E 61st Ter.	609	2	263	872	T&B
5	E 65th St. - McGee St. to Oak St.	442	0	0	442	T&B
6	Edgevale Rd. - E 65th Ter. to Oak St.	607	3	284	892	T&B
7	Walnut St. - E 65th St. to E Meyer Blvd.	747	1	128	874	T&B
8	W 66th Ter. - Ward Pkwy. to Valley Rd.	1160	1	124	1284	T&B
9	E 70th Ter. - Holmes Rd. to Troost Ave.	1433	3	266	1699	T&B
10	Montgall Ave. - E 75th St. to E 74th St.	724	2	283	1007	T&B
11	E 66th St - Troost Ave. to Paseo Blvd.	2004	3	338	2342	T&B
12	Paseo Blvd. - E 66th St to E 67th St.	1558	1	165	1724	T&B
13	Woodland Ave. - E 66th Ter. to Paseo Blvd.	251	1	87	338	T&B
14	Broadmoor St. - Wayne Ave. to E 66th St.	250	1	67	317	T&B
15	Paseo Blvd. (SB) - E 67th Ter. to E 69th Ter.	1398	3	367	1765	Trekk
16	Paseo Blvd. (NB) - E 68th St. to E 67th Ter.	473	0	0	473	Trekk
17	E 67th Ter. - Paseo Blvd. to Prospect Ave.	1614	0	0	1614	Trekk
18	Prospect Ave. - E 68th St. to E Meyer Blvd. (T-Main)	1476	3	401	1876	Trekk
19	E 67th St. - Wabash Ave. to Prospect Ave.	381	1	43	424	Trekk
20	Prospect Ave. - E 67th Ter. to E 67th St. (Dist. Main)	411	0	0	411	Trekk
21	E 70th St. - Paseo Blvd. to Prospect Ave.	1748	3	353	2102	Trekk
22	E 70th Ter. - Paseo Blvd. to Prospect Ave.	1936	3	322	2258	Trekk
23	E Gregory Blvd. - Paseo Blvd. to Prospect Ave.	2171	5	493	2664	Trekk
24	Olive St. - E 71st Ter. to E Gregory Blvd.	661	1	74	735	Trekk
25	E 68th St. - West of Paseo Blvd. to East of Paseo Blvd.	300	0	0	300	Trekk
		24559	45	4694	29253	

