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March 1, 2023

Mrs. Janet Sanders
Public Works Director
City of Jackson
101 Court Street
Jackson, MO 63755

**Re: Task Order Authorization No. 19-04 Increase in Expenditures
to Provide Professional Engineering Services for The Water System Facility Plan
Implementation Program – Phase 2 for the City of Jackson, MO
Amendment No. 6**

Dear Mrs. Sanders:

The Amendment No. 6 to the above Task Order Contract is requested to provide additional engineering services for the following projects (see Exhibit A attached):

1. Perform evaluation of money remaining in Water Bond to determine the estimated money needed for the current projects and available money for a new water tank.
2. Project 2, Phase 2E East Jackson Blvd and High Street Water Main Replacement – Allocate money for bidding and construction phase services to divide the project into 2 parts. Previous amendments only included the design phase of this project.

Based on the additional scope of work above the requested Amendment 6 fee is listed below and detailed on Exhibit A attached.

Bond Evaluation	\$ 1,520
Project 2, Phase 2E Part 1 Bidding & Construction Phase	\$45,280
Project 2, Phase 2E Part 2 Bidding & Construction Phase	\$39,100
Total Amendment 6 Requested Fee	\$85,900



Mrs. Janet Sanders

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The below summarizes the H&S design fee to date for the entire Water System Facility Plan Improvements project from inception in January 2016 to date:

Original Contract	\$346,800
Contract Amendment 1	\$ 60,100
Contract Amendment 2	\$233,173
Contract Amendment 3	\$ 9,540
Contract Amendment 4	\$ 79,600
Contract Amendment 5	\$ 31,900
<u>Contract Amendment 6</u>	<u>\$ 85,900</u>
Total Contract to Date	\$847,013

We appreciate the opportunity to continue to serve the City of Jackson under our existing task order agreement for engineering services. Please call me to discuss any questions regarding our proposed scope or fee proposal.

Respectfully Submitted,

James E. McCleish, P.E.
Vice President
Practice Leader, Water

Lisa Fennewald, P.E.
Project Manager

Enclosures

City of Jackson, Missouri
Bond Evaluation, E. Jackson & High St. Bidding and Construction Phase Services
Amendment 6 Engineering Fee

Prepared By: LEF

LABOR:					Labor Classification		
					Fennewald, Lisa	Mills, Michael	Green, Walker
Cost Center	Task No.	Task Description	Task M.H.	Task Cost	WP04	WP10	WP11
Bond Evaluation							
	1	Evaluated bond money remaining against current and future remaining projects	8	\$1,520	8		
Subtotal			8	\$1,520	8	0	0
E. Jackson Part 1 - Bidding Phase Services							
Water	1	Prepare and post bidding documents on QUEST for bidding.	5	\$670	1		4
Water	2	Assist City Staff in responding to contractor questions about bidding documents and issue addendum(s).	12	\$2,000	8		4
Water	3	Assist City Staff in evaluating thoroughness of contractor bids received.	5	\$670	1		4
Water	4	Provide recommendation to City Staff on selection of contractor.	4	\$760	4		
Water	5	Prepare Notice of Award and Agreement for Execution	4	\$620	2		2
Water	6	Administer and manage Bidding Phase Services.	2	\$380	2		
Subtotal			32	\$5,100	18	0	14
E. Jackson Part 1 - Bidding Phase Services							
Water	1	Prepare Notice to Proceed and assemble contract books	5	\$670	1		4
Water	2	Attend pre-construction meeting and prepare meeting minutes.	10	\$1,900	10		
Water	3	Review contractor-submitted shop drawing and other items.	12	\$1,720	4		8
Water	4	Review contractor requests for periodic payments against construction contract amount.	36	\$4,740	6		30
Water	5	Respond to contractor questions regarding unforeseen field conditions and/or interpretations of design intent.	16	\$2,760	12		4
Water	6	Provide assistance in resolving contractor's field questions to ensure consistent quality control of contractor's work.	24	\$4,000	16		8
Water	7	Prepare Change Order requests, as appropriate.	28	\$4,480	16		12
Water	8	Coordinate with and manage information from water main inspector.	16	\$3,040	16		
Water	9	Attend monthly progress meeting (1/month) and prepare minutes.	48	\$9,120	48		
Water	10	Prepare as-built drawings from inspector's survey and notes.	30	\$3,750		30	
Water	11	Assist City Staff in final, official close-out of construction contract.	8	\$1,100	2		6
Water	12	Administer and manage Construction Phase Services.	8	\$1,520	8		
Subtotal			241	\$38,800	139	30	72
TOTAL ESTIMATE MANHOURS			281		165	30	86
TOTAL ESTIMATED LABOR COSTS				\$45,420			

City of Jackson, Missouri
Bond Evaluation, E. Jackson & High St. Bidding and Construction Phase Services
Amendment 6 Engineering Fee

DESIGN EXPENSES:

<u>Item</u>	<u>Unit</u>	<u>Total Cost</u>	<u>Bid</u>	<u>Construction</u>
Mileage:	1,500 miles	\$983		\$983
Subconsultant:	SAY	\$0		
Reproduction & Photocopy:	-- SAY	\$250	\$50	\$200
Field Equipment Rental Reimbursement:	-- SAY	\$0		
Misc. Reimbursable Expenses:	-- SAY	\$100	\$50	\$50
ESTIMATED TOTAL REIMBURSIBLE EXPENSES:		\$1,333	\$100	\$1,233
MARK UP PERCENTAGE:		0%		
ESTIMATED TOTAL EXPENSES:		\$1,333		
TOTAL ESTIMATED NOT-TO EXCEED COST:		\$46,800		

City of Jackson, Missouri
Bond Evaluation, E. Jackson & High St. Bidding and Construction Phase Services
Amendment 6 Engineering Fee

Prepared By: LEF

LABOR:

Labor Classification

Cost Center	Task No.	Task Description	Task M.H.	Task Cost	Labor Classification		
					Fennewald, Lisa	Mills, Michael	Green, Walker
					WP04	WP10	WP11
E. Jackson Part 2 - Bidding Phase Services							
Water	1	Prepare and post bidding documents on QUEST for bidding.	5	\$690	1		4
Water	2	Assist City Staff in responding to contractor questions about bidding documents and issue addendum(s).	8	\$1,421	6		2
Water	3	Assist City Staff in evaluating thoroughness of contractor bids received.	5	\$690	1		4
Water	4	Provide recommendation to City Staff on selection of contractor.	4	\$783	4		
Water	5	Prepare Notice of Award and Agreement for Execution	4	\$639	2		2
Water	6	Administer and manage Bidding Phase Services.	2	\$391	2		
Subtotal			28	\$4,614	16	0	12
E. Jackson Part 2 - Bidding Phase Services							
Water	1	Prepare Notice to Proceed and assemble contract books	5	\$690	1		4
Water	2	Attend pre-construction meeting and prepare meeting minutes.	10	\$1,957	10		
Water	3	Review contractor-submitted shop drawing and other items.	12	\$1,772	4		8
Water	4	Review contractor requests for periodic payments against construction contract amount.	32	\$4,388	6		26
Water	5	Respond to contractor questions regarding unforeseen field conditions and/or interpretations of design intent.	12	\$2,204	10		2
Water	6	Provide assistance in resolving contractor's field questions to ensure consistent quality control of contractor's work.	18	\$3,090	12		6
Water	7	Prepare Change Order requests, as appropriate.	24	\$3,832	12		12
Water	8	Coordinate with and manage information from water main inspector.	12	\$2,348	12		
Water	9	Attend monthly progress meeting (1/month) and prepare minutes.	42	\$8,219	42		
Water	10	Prepare as-built drawings from inspector's survey and notes.	21	\$2,704		21	
Water	11	Assist City Staff in final, official close-out of construction contract.	6	\$886	2		4
Water	12	Administer and manage Construction Phase Services.	6	\$1,174	6		
Subtotal			200	\$33,264	117	21	62
TOTAL ESTIMATE MANHOURS			228		133	21	74
TOTAL ESTIMATED LABOR COSTS				\$37,878			

City of Jackson, Missouri
Bond Evaluation, E. Jackson & High St. Bidding and Construction Phase Services
Amendment 6 Engineering Fee

DESIGN EXPENSES:

<u>Item</u>	<u>Unit</u>	<u>Total Cost</u>	<u>Bid</u>	<u>Construction</u>
Mileage:	1,300 miles	\$852		\$852
Subconsultant:	SAY	\$0		
Reproduction & Photocopy:	— SAY	\$250	\$40	\$150
Field Equipment Rental Reimbursement:	— SAY	\$0		
Misc. Reimbursable Expenses:	— SAY	\$100	\$40	\$40
ESTIMATED TOTAL REIMBURSIBLE EXPENSES:		\$1,202	\$80	\$1,042
MARK UP PERCENTAGE:		0%		
ESTIMATED TOTAL EXPENSES:		\$1,202		
TOTAL ESTIMATED NOT-TO EXCEED COST:		\$39,100		