



December 12, 2022

Ted Martin, P.E., CFM
Stormwater Manager – Municipal Services Department
City of Independence, Missouri
17221 E. 23rd St. S
Independence, MO 64057

Re: **Leslie to Crane Drainage Improvements – Additional Services Request**

Mr. Martin:

Renaissance Infrastructure Consulting (RIC) is under contract with the City of Independence Municipal Services Department (MSD) to develop plans, specifications and an engineer's estimate for the Leslie to Crane Storm Drainage Capital Improvement Project (CIP). Based on discussions with you, the City has received resident reports of additional flooding that are near the project area but are not covered by the existing area of proposed improvements.

The City has requested that RIC provide a scope and fee for the addition of this project area to the project.

Deliverables and milestones will be governed by the original scope of services for this project. A simplified scope is delineated below:

- Concept Design
 - RIC will develop conceptual design and pipe sizes for the project area.
- Preliminary Design
 - RIC will survey the proposed concept alignment and obtain property information for development of easements
 - RIC will develop preliminary plans, specifications, and cost estimate.
 - RIC will perform a Field Check and Utility Coordination Meeting.
- Final Plans
 - RIC will revise preliminary plans based on comments from the City and utilities.
 - RIC will acquire GTRs and develop easement documents
 - RIC will submit final plans, specifications, and estimate to the City.
- RIC will attend second utility coordination meeting
- RIC will attend a public meeting to present the final design to the residents.
- Bid Plans
 - RIC will revise the final plans based on comments from the City
 - RIC will Deliver Construction Bid Documents
- RIC will assist the City during bidding and construction

The following assumptions have been made in the development of this scope of services:

- No geotechnical engineering will be performed for this section of the project. If additional geotechnical services are determined to be needed, they can be added with a request for additional services.
- RIC assumes that because the preliminary phase public meeting has already been conducted, a separate public meeting will not be held for this project area. The only public meeting included is at the final design stage. If an additional public meeting is desired, please let me know and this scope of services will be modified.



Based on this scope of services we are requesting additional services in the amount of \$48,660.00. A breakdown of the estimated hours are attached for reference.

Please contact me at vzink@ric-consult.com or 816-800-0952 should you have any questions or require any additional information. We look forward to continuing to serve you on this and future projects.

Very Respectfully:

A handwritten signature in blue ink, appearing to read 'V. Zink'.

Vincent Zink, P.E., ENV SP
Vice President – Project Manager

Pearl to Grants and Hereford Drainage Improvement Project - Additional Services		Description	PM	Project Engineer	Project Engineer	Technician	Survey Crew	PLS	Total Hrs
PRELIMINARY DESIGN									
TASK ONE									
1.1	Existing Conditions Analysis		2	4					6
1.2	Standards	Completed under existing task order							0
1.3	Utility Coordination				8				8
1.4	Hydrology and Hydraulics		2	8					10
1.5	Permits	Completed under existing task order							0
1.6	Public Meeting	Excluded from this Scope of Services							0
1.7	Submit Concept Plans		2		16				18
TASK TWO		PRELIMINARY PLANS AND ENGINEER'S ESTIMATE (60% Plans)							
2.1.a	Survey				40		56	8	104
2.1.b	Geotech Analysis	Excluded from this Scope of Services							0
2.1.c	Field Check and Utility Coordination Meeting		6						6
2.1.d through 2.1.i	Develop Preliminary Plans and Cost Estimate		2	12	32	40		24	86
2.2	Utility Coordination				4				4
2.3	Submit Preliminary Plan Package		2						2
2.4	Meet to Discuss Preliminary Plan Review		2						2
TASK THREE		FINAL PLANS, SPECIFICATIONS AND ENGINEER'S ESTIMATE (90% Plans)							
3.1 through 3.3	Develop Final Plans			4	8	24			36
3.4	Develop Specifications			1	2				3
3.5	Develop Final Cost Estimate			1					1
3.6	Order GTRs, Develop Tract Maps and Legal Descriptions		2			60		24	86
3.7	Facilitate Utility Coordination Meeting		4						4
3.8	Submit Final Plan Package		2						2
3.9	Revise Final Plans, Specifications, and Estimate per City Comments		2		4	8			14
3.10	Present Final Design at Public Meeting		2		2	2			6
TASK FOUR		FINAL CHECK SET AND CONSTRUCTION BID DOCUMENTS (100% Plans)							
4.1	Submit Final Plans to Public Works		2						2
4.2	Incorporate Public Works Comments to Develop Bid Documents		1	4		4			9
4.3	Prepare and Submit State and Federal Permits		1	4					5
4.4	Incorporate Acquisition notes		1			4			5
4.5	Deliver Construction Bid Documents		1						1
TASK FIVE		BIDDING AND CONSTRUCTION							
5.1	Respond to RFI's during Bidding		2						2
5.2	Respond to RFI's during Construction		2						2
Total Hours for Plans Specifications and Estimate			40	38	52	206	56	32	424
Labor Rate			\$ 135.00	\$ 110.00	\$ 90.00	\$ 90.00	\$ 170.00	\$ 120.00	
TASK ONE: Preliminary Design			\$ 810.00	\$ 1,320.00	\$ -	\$ 2,160.00	\$ -	\$ -	\$ 4,290.00
TASK TWO: Preliminary Plans			\$ 1,620.00	\$ 1,320.00	\$ 3,240.00	\$ 7,200.00	\$ 9,520.00	\$ 960.00	\$ 23,860.00
TASK THREE: Final Plans			\$ 1,620.00	\$ 660.00	\$ 1,440.00	\$ 8,460.00	\$ -	\$ 2,880.00	\$ 15,060.00
TASK FOUR: Final Check Set			\$ 810.00	\$ 880.00	\$ -	\$ 770.00	\$ -	\$ -	\$ 2,410.00
TASK FIVE: Bidding and Construction			\$ 540.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 540.00
Sub-Total Labor			\$ 5,400.00	\$ 4,180.00	\$ 4,680.00	\$ 18,540.00	\$ 9,520.00	\$ 3,840.00	\$ 46,160.00
RIC Labor Total			\$ 46,160.00						
Expenses									
Mileage (Meetings)			\$200.00						
Guaranteed Title Reports (14 properties at \$150 each)			\$2,100.00						
Printing Costs			\$200.00						
Total Expenses			\$2,500.00						
Total Fee			\$ 48,660.00						

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