Introduction

The following scope of work is to amend the existing contract to account for additional work outside the original scope of services.

Task 2: Final Rehabilitation Design

Description of Work: Perform final design, plan development, and prepare project specific special provisions for advertisement. Task 2 is amended as follows:

Tasks:

- 2.1 Project Management: Project setup and closeout. Coordinate work with the City, coordinate with HDR staff, track project budget, QAQC, and invoicing.
- 2.2 Ramp Deck Replacement: No change from original scope.
- 2.3 Drainage System: No change from original scope.
- 2.4 Miscellaneous Repairs: No change from original scope.
- 2.5 Electrical Design. This task is amended to include additional review associated with verifying the existing electrical condition and to incorporate modifications for security.
- 2.6 Final Plans: 15 plan sheets were included in the original scope. The 100% submittal included 23 sheets. Additional sheets require additional detailing, checking, and QAQC effort. This task is amended to include the additional sheet preparation and subsequent incorporation of review comments. This task also includes updating details based on the Masonry Review described in Task 2.11.
- 2.7 Project Special Provisions & Estimate. No change from the original scope.
- 2.8 65% Submittal. No change from the original scope.
- 2.9 95% Submittal. No change from the original scope.
- 2.10 Advertisement. No change from the original scope.
- 2.11 Masonry Review. This is a new task to perform a more detailed review of the existing CMU walls, determine possible causes for the cracking and to determine repair options. Included in this task is a direct cost associated with taking 3 core samples. Also included is a chloride test for each of the core samples. If evidence of chloride attack is apparent and significant, additional sampling and testing may be warranted, and require a contract amendment.

Assumptions:

- Same as the original scope
- Work associated with this amendment will be complete in 2022.

Deliverables:

- Same as the original scope.
- Masonry Review Memorandum





City of Missoula Northside Bridge HDR Design Services - Project Amendment No. 1



Work Item	Project Manager	Sr. Project Engineer	Project Engineer	Electrical Engineer	QC	CAD/EIT	Accounting 8 Admin
Task 2: Final Rehabilitation Design	1 1 3 1	J - 1	J 11	<u> </u>			
2.1 Project Management	10						2
2.5 Electrical Design				10	1		
2.6 Final Plans		10	40		6	76	
2.11Masonry Condition Assessment	2	46	54		4		
Total Hours (261)	12	56	94	10	11	76	2
· ·	5%	21%	36%	4%	4%	29%	1%

DIRECT COST SUMMARY

Task		Total Hours	Total Direct Cost
Task 2: Final Rehabilitation Design		261	\$ 41,537.76
	Total Direct Cost (including overhead and profit)	261	\$ 41,537.76

DIRECT NONLABOR SUMMARY

Miscellaneous (Mylars, telephone, postag	e, copies, photos, et	c.)					\$200.00
Computer	Hours		Per Hour	\$0.00			
Travel (Airlines/meals/lodging)	Trips		Per Trip				
Mileage (Travel from Spokane)	Miles	400	Per Mile	0.75			\$300.00
TOTAL DIRECT NONLABOR						\$500.00	

OUTSIDE SERVICES AND SUBCONTRACTS

3 Core Samples - Acore	\$1,000.00
Chloride Tests: 3 x \$250 ea.	\$750.00
	\$0.00
TOTAL OUTSIDE SERVICES AND SUBCONTRACTS	\$1,750.00

RECAPITULATION

Total Labor/ Overhead/Profit	\$ 41,537.76
Total Direct NonLabor	\$ 500.00
Total Outside Services & Subcontracts	\$ 1,750.00
TOTAL ESTIMATED COST	\$ 43,787.76