

AMENDMENT NO. 1

SCOPE OF SERVICES

CITY OF HOLLYWOOD

PROJECT # 15-5130 - WATER MAIN REPLACEMENT PROGRAM

HOLLYWOOD BOULEVARD FROM N. 21ST AVENUE TO THE EAST SIDE OF CITY HALL CIRCLE ADDITIONAL DESIGN, PERMITTING, AND CONSTRUCTION ADMINISTRATION SERVICES

I. PROJECT BACKGROUND

The Florida Department of Transportation (FDOT) is performing a streetscape beautification project along Hollywood Boulevard from N. 21st Avenue to just east of City Hall Circle, which includes minor stormwater system improvements, landscaping and hardscaping within the right-of-way (ROW) limits. The City, approved Tetra Tech, to provide professional engineering services for design, permitting and construction administration to replace an existing 8-inch diameter water main. In general, the limits for the water main relocation and upsizing are from just east of the FEC railroad crossing at N. 21st Avenue along Hollywood Boulevard to the east side of City Hall Circle. Construction for this project commenced and portions of the designed and permitted water main were constructed and cleared for use. However, the contractor attempted to install the water main under the FEC railway and was unsuccessful. The reason for the contractor's failed bore has not been established. Because of the failed bore, additional design, permitting, and construction administration services are necessary.

II. SCOPE OF WORK

FEC Crossing Design

Due to the failed bore under the FEC railroad, FEC has requested that the City submit a plan to relocate bore location. The Contractor removed the HDPE piping from the failed bore location and abandoned drilling equipment within the failed bore hole, requiring development of a plan and profile for a second bore attempt, in a different location.

Tetra Tech will attend up to two bore relocation plan meetings, with the City, FDOT, and/or the Contractor, to efficiently develop a relocation bore plan. Contractor equipment and input will be obtained, along with additional utility information to be provided by the Contractor and/or FDOT. Existing utilities will be adjusted with information provided and the plan and profile for the boring of the water main under the FEC railroad will be prepared. In addition, connections to proposed and/or existing water mains on the east and west sides of the FEC railroad will be modified.

Permitting

Tetra Tech will communicate and coordinate with the FEC Railway, FDOT, the City of Hollywood, the Contractor, and others to submit the plan and profile for the relocated water main bore location. Tetra Tech will attend up to two meetings, in person and/or on the phone, with FEC or to discuss submittals to FEC.

Tetra Tech will also prepare and submit an additional water main clearance application through the BCHD for project certification of just the portion of water main bored under the FEC railroad. Clearance applications are budgeted based on receipt of a single Contractor submittal containing two (2) additional hardcopy sets and one (1) AutoCAD CD set of as-built drawings that depict the information required in the contract documents along with original passing bacteriological sample reports and signed passing pressure test forms. Tetra Tech will coordinate with the Contractor and/or others to respond to requests for information from the BCHD to receive the water main clearance.

Construction Administration Services

Tetra Tech will assist to develop a relocation plan for the failed bore, including MOT considerations, track monitoring considerations, pipe retrieval from the failed bore location, and other considerations.

Tetra Tech will on-site during the pipe retrieval operation and, once the HDPE pipe is retrieved from the failed bore location, Tetra Tech will perform a field review of the condition of the extracted pipe.


Tetra Tech will also assist with reviewing contractor or FDOT confirmed utilities or RFIs related to utilities. Tetra Tech will respond to requests for information (RFIs) from the Contractor and coordinate responses with the City as necessary including any requests for clarifications (RFCs).

Tetra Tech will attend up to ten additional meetings, in person or by phone, related to the boring of the water main under the FEC railroad, in a new location. When the Contractor attempts to bore the water main under the FEC railroad for the second time, Tetra Tech will be on-site to observe the Construction and provide on-site assistance.

III. Compensation

For the services set forth above, the City shall pay Tetra Tech the following not to exceed compensation to be invoiced on a monthly basis.

Description	Cost
Additional Design, Permitting, and Construction Administration Services	\$16,150

 Price Proposal		Labor Plan				Price Summary / Totals				
		4 Resource				Task Pricing Totals			16,150	
Hollywood Blvd JPA Water Main <i>Additional Design, Permitting, and Construction Services</i>	Bill Rate >	239.00	183.00	94.00	103.00	Specify Add'l Fees on Setup			0	
	Proj Area >					Technology Use Fee				
Submitted to: City of Hollywood (Attn: Jeff Jiang)						Total Price			16,150	
Contract Type: Not to Exceed						Pricing by Resource				
Project Phases / Tasks		Total Labor Hrs	Sr Project Manager	Project Manager 2	Engineer 2	Sr CAD/Engineering Designer 2	Labor	Subs	ODCs	Task Pricing Totals
		95	21	46	19	9	16,150	-	-	16,150
Additional Design, Permitting, and Construction Services		95	21	46	19	9	16,150	-	-	16,150
FEC Crossing Redesign		29	6	11	6	6	4,629	-	-	4,629
Permitting		20	4	11	5	-	3,439	-	-	3,439
Construction Services		46	11	24	8	3	8,082	-	-	8,082
Totals		95	21	46	19	9	16,150	-	-	16,150