



CDBG-DR 13 CHANGE ORDER OR WORK ORDER AMENDMENT



Project Information

Project Name	Little River Drainage Improvements				
Work Order Number (CDBG-DR 01)	I-15-W-URG	Project Address	South End of Little River Park		
Date	8/5/2019	Requested By	Downey Contracting. LLC		
Date Requested	7/30/2019	Total Budget	\$10,878,691.95	Cost of Change	\$59,223.00

Change Order Type - Description

Circle Type:	Field	Change	Work Order Amendment	
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Budget Line Items Affected: (List All)

Additional aggregate base at undercut – Unit Price \$72/CY, Quantity increased by 350
 Concrete Pads for Fitness Stations (paid from a different fund-leveraged) – Unit Price \$66/SY, Quantity increased by 100
 Synthetic Turf with ¼” pad (paid from a different fund-leveraged) – Unit Price \$12/SF, Quantity decreased by 2,425

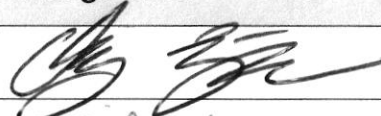
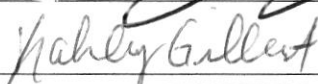

Added Items:

Class C Flumes, Rip Rap from end of flumes to high water mark – Unit Price \$3,268.00/Each, Quantity 11
 Additional Concrete Sidewalk at Tractor Crossing – Unit Price \$165/CY, Quantity 40
 Undercut and Geogrid at 17th Street due to unsuitable subgrade – Unit Price \$6.50/SY, Quantity 2,150

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Change Description	<p>After witnessing a few major rain events during construction, the City made the decision to add concrete flumes at the bottom of the larger pipes carrying the most amount of water. If the flumes were not constructed under these pipes, erosion would have occurred from the water depositing in the channel.</p> <p>Because of the weight of maintenance vehicles like tractors, mowers, and trucks, it was decided a thicker concrete will need to be poured for the crossing.</p> <p>Once the reconstruction started on SE 17th Street, it was discovered the subgrade was unstable. Because the subgrade could not be fixed by compacting, it was decided geogrid would need to be installed to stabilize the subgrade.</p>
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Field Change Order

Field Change Order Authorization ONLY Vendor Signature		Date	
Field Change Order Authorization ONLY Project Manager Signature		Date	
Change Order			
Change Order Authorization ONLY Vendor Signature		Date	8/28/2019
Change Order Authorization ONLY Project Manager Signature		Date	8/28/2019
Change Order Authorization ONLY Project Supervisor Signature		Date	8/28/2019
Contract Amendment			
Work Order Amendment Authorization ONLY Vendor Signature		Date	
Work Order Amendment Authorization ONLY Project Manager Signature		Date	
Work Order Amendment Authorization ONLY Project Supervisor Signature		Date	
Contract Amendment Authorization ONLY CDBG Manager		Date	

Cost Reasonableness Certification

Project Name	Little River Drainage Improvements	
Work Order Number	I-15-W-URG	Date 8/28/2019

Line Item	Contract Amount	Industry Standard	Vendor
Drainage Improvements	\$ 8,580,233.83	Conceptual Engineer's Estimate Little River Park Drainage Improvements	Meshek & Associates
Sanitary Sewer	\$ 34,556.00	Conceptual Engineer's Estimate Little River Park Drainage Improvements	Meshek & Associates
Water Line	\$ 103,384.00	Conceptual Engineer's Estimate Little River Park Drainage Improvements	Meshek & Associates
Bridge A	\$ 62,160.00	Conceptual Engineer's Estimate Little River Park Drainage Improvements	Meshek & Associates
Bridge B	\$ 52,220.00	Conceptual Engineer's Estimate Little River Park Drainage Improvements	Meshek & Associates
Outlet Structure	\$ 1,652,616.10	Conceptual Engineer's Estimate Little River Park Drainage Improvements	Meshek & Associates
Add Alternate #1-Trail East of Channel	\$ 81,869.50	Conceptual Engineer's Estimate Little River Park Drainage Improvements	Meshek & Associates
Add Alternate #2-Trail Inside Pond Area	\$ -	Conceptual Engineer's Estimate Little River Park Drainage Improvements	Meshek & Associates
Add Alternate #3-Recon Block Channel Wall w/aesthetics	\$ 200,398.25	Conceptual Engineer's Estimate Little River Park Drainage Improvements	Meshek & Associates
Construction Fencing	\$ 5,375.27	City of Moore Review	City of Moore
Fitness Stations	\$ 24,156.00	City of Moore Review with Meshek & Associates	City of Moore
Class C Flumes, Rip Rap from end of flume to high water mark	\$ 35,948.00	Consultation with Silver Star Construction	City of Moore
Geofrad and undercut for unsuitable subgrade at 17th St	\$ 39,175.00	City of Moore Review	City of Moore
Additional concrete for tractor crossing	\$ 6,600.00	City of Moore Review	City of Moore
Total	\$ 10,878,691.95		

Certification: The Project Supervisor (PS) of the City of Moore, Oklahoma certifies that the Cost Reasonableness summary provided above for the stated project is accurate, complete, and in conformance with Office of Management and Budget requirements on the date certified.

Jerry Ihler, Project Supervisor

Signature

8/28/2019

Date

