

Change Requested by: Engineer **X** Contractor

CCO No.	Suppl. No.	Contract No.	Contract Name	Federal Number(s)
3		8597 Project No. 36204002	Patterson Drive Emergency Culvert Repair Project	NA

To **Doug Veerkamp General Engineering, Inc.** Contractor

You are directed to make the following changes from the plans and specifications or do the following described work not included in the plans and specifications for this Contract.

NOTE: This change order must be approved by the Board of Supervisors. Yes No

Description of work to be done, estimate of quantities and prices to be paid. (Segregate between additional work at contract price, agreed price and force account.) Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. The last percentage shown is the net accumulated increase or decrease from the original quantity in the Bid Item List.

Increases in Bid Items at Bid Item Unit Prices

In accordance with Standard Specification 4-1.05, Changes and Extra Work, and as shown on sheets 4 and 5 of this Contract Change Order #3, revise the scope of the drainage system installation to account for over excavation and additional slurry-cement backfill due to saturated subgrade conditions caused by the failed existing 30" CMP and rainwater intrusion. Perform additional Roadway Excavation and Culvert Slurry-Cement Backfill at the following agreed quantities and Contract Bid Item Prices:

Item 06, Roadway Excavation (Final Pay).....	+9 CY (+10.0%).....	+\$1,800.00
Item 14, Culvert Slurry-Cement Backfill (Final Pay).....	+7 CY (+10.0%).....	+\$2,975.00
Item 16, Minor Concrete (Curb and Gutter).....	+20 LF (+100.0%).....	+\$5,200.00

Estimated Cost of Agreed Quantity at Bid Item Prices = \$9,975.00

Extra Work at Force Account:

In accordance with Standard Specifications 4-1.05, Changes and Extra Work; and 9-1.04, Force Account, perform the following Extra Work at Force Account.

- **Perform Additional Pumping of Water and Over Excavation of Saturated Material Within Trench Due to Seepage of Saturated Ground and Water Standing in Existing 30" CMP:**

Furnish equipment and labor to provide additional flagging, add pumps in trench to pump water from trench caused by seeping ground water and water standing in/under existing failed 30" CMP. Furnish equipment and labor to excavate saturated material under pipe and from sluffing trench walls behind shoring. Haul and dispose of saturated material off site. Furnish material and labor to install Tensar Blaxial Geogrid BX1200 in the bottom of trench.

Estimated Cost at Force Account = \$2,605.91

- **Repair Approximately 10 Lineal Feet of Flowline in Existing 30" CMP**

Furnish equipment, materials, labor, and additional flagging to vacuum saturated material under eroded flowline of existing 30" CMP, install 6" welded wire mesh and 6-sack concrete to re-build the flowline of the eroded 30" CMP, remove roots that penetrated into the 30" CMP, and mortar the separation in the pipe that was caused by root intrusion.

Estimated Cost at Force Account = \$5,854.83

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- **Perform Additional Flagging, Trench Plate Removal, and Pumping in Trench to Remove Rainwater Intrusion During Storm:**

Perform additional traffic control and flagging, perform additional pumping of water intrusion, and furnish 3 cubic yards of 6-sack concrete that was wasted due to water intrusion during the storm on 4/4/24. During the continued storm on 4/5/24, perform additional traffic control and flagging to remove trench plate from west end of trench for trench inspection and placement of additional pumps. Deliver extra generator and install additional 2" pumps to prevent rainwater intrusion from rising in trench and causing further trench wall saturation. Monitor pumps and water level in trench over the weekend on 4/6/24 to 4/7/24.

Estimated Cost at Force Account = \$6,314.75

- **Perform Additional Pumping of Water Within Trench Due to Rainwater Intrusion & Muck-out Trench after Storm:**

Furnish equipment, materials, and labor to continue pumping water in trench caused by rainwater intrusion and additional flow from upstream existing 30" CMP. Furnish equipment and labor to muck-out saturated material from bottom of trench. Re-grade 30" HDPE pipe to join to upstream existing 30" CMP.

Estimated Cost at Force Account = \$7,134.66

- **Repair PVC Irrigation Lines Under the Existing Concrete Driveway Apron and Place in PVC Casing**

Furnish equipment, materials, and labor to repair two existing 1" PVC irrigation lines that were in place below the existing driveway apron but not shown on Exhibit C Details. Install a 4" PVC casing below new driveway subgrade during Class 2 Asphalt Base placement. Run new 1" PVC irrigation lines through the new 4" PVC casing, and tie-in to the existing irrigation system.

Estimated Cost at Force Account = \$2,045.69

Total Estimated Cost of Contract Change Order #3: \$33,930.84

EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION
Contract Change Order

Sheet 3 of 5

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Estimated Cost: Decrease Increase \$33,930.84

By reason of this order the time of completion will be adjusted as follows: **No Adjustment**

Submitted by
SIGNATURE *B. Franklin* (PRINT NAME & TITLE) Brian Franklin, P.E., Resident Engineer DATE 5/29/24

Approved
SIGNATURE *J. Kahling* (PRINT NAME & TITLE) John Kahling, P.E., Deputy Director, Engineering (H) DATE 05/29/24

Approved
SIGNATURE *R. Martinez* (PRINT NAME & TITLE) Rafael Martinez, Director
Department of Transportation, El Dorado County DATE 5/29/24

Approved
SIGNATURE *Wendy Thomas* (PRINT NAME & TITLE) Wendy Thomas, Chair
Board of Supervisors, El Dorado County DATE 6/11/24

We the undersigned contractor, have given careful consideration to the change proposed and agree, if this proposal is approved, that we will provide all equipment, furnish the materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefor the prices shown above. The prices and terms of payment shown above comprise full and final compensation for all direct costs, indirect costs, cumulative costs, and all overhead costs incurred as a result of this contract change order. NOTE: If you, the contractor, do not sign acceptance of this order, your attention is directed to the requirements of the specification as to proceeding with the ordered work and filing a written protest within the time therein specified.

Contractor Acceptance by
SIGNATURE *Matt Veerkay* (PRINT NAME & TITLE) Matt Veerkay DATE 5-23-24