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site improvement allowance memorandum

to: LFUCG
from: CDP Engineers
date: May 29th, 2018

The below numbered items detail site improvements performed by EcoGro / Ridgewater under the 'Allowance: Miscellaneous Site Improvements' for the Coldstream Park Stream Corridor Restoration and Preservation Consent Decree Supplemental Environmental Project.

ITEMS PERFORMED:

Item No.	Item Description	Associated Construction/ Installation Costs
1	Contractor installed a third temporary crossing for the construction of Wetland #3.	\$3,780.00
2	Contractor installed 2' high rock toe on 72% of the banks from sta. 15+50 to 24+50.	\$21,900.00
3	Contractor installed additional rock at entrance to scour pool to elevation 888' sta. 24+50 to 25+75.	\$13,260.00
4	Contractor installed additional rock to pool level of 887' on right side from sta. 25+75 to 27+00.	\$4,680.00
5	Contractor installed 7 additional grade controls (every 4" in elevation drop).	\$25,272.00
6	Contractor installed 30 linear feet of extra riffle length at sta. 27+05. Contractor shortened immediately adjacent upstream and downstream riffle lengths from sta. 39+00 to accommodate the additional riffle length without shortening the pools.	\$2,808.00
7	Contractor installed rock toe in outer bends.	\$30,030.00
8	Contractor installed rock ditches where concentrated flow entered newly excavated valley.	\$14,625.00
9	Contractor installed rock toe on both banks from sta. 58+25 to sta. 60+00 and flattened the steep slopes to 3H:1V.	\$6,630.00
<i>Subtotal</i>		<i>\$122,985.00</i>

ITEMS PERFORMED RESULTING IN BUDGET SAVINGS:

Item No.	Item Description	Associated Construction/ Installation Costs
1	Contractor used existing soil instead of 6" of topsoil in valley bottom.	\$10,000.00

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2	Contractor flattened excavation side slopes to 3H:1V and did not install ECB in some locations.	\$20,000.00
3	Contractor harvested 6" of D50 rock on-site for riffles.	\$18,000.00
4	Contractor harvested 12" of D50 rock on-site for transition scour pool and ramp.	\$18,000.00
5	Contractor used on-site boulders for wetland #3 bed edge in place of concrete curb.	\$8,000.00
<i>Subtotal</i>		<i>\$74,000.00</i>

Summary:

Net additions to contract	\$122,985.00
Net deductions to contract	(\$74,000.00)
<u>Contract Allowance "Miscellaneous Site Improvements"</u>	<u>\$ 50,000.00</u>
Net change to final contract amount	\$ 48,985.00
Net allowance remaining	\$ 1,015.00