



DATA SHEET
Agenda Item No. 9.

Meeting Date: February 2, 2012

Agenda Item:

Receive Report of construction change orders approved by staff.

Placement:	<input checked="" type="checkbox"/> Consent	<input type="checkbox"/> Individual Consideration	<input type="checkbox"/> Executive Session
Vote:	<input checked="" type="checkbox"/> Non-Weighted	<input type="checkbox"/> Regular Weighted Capital	<input type="checkbox"/> Special Weighted Capital
Recommending Department: Engineering			

Background:

Staff has approved two construction change orders that need to be reported at this time. Both changes were to the contract for construction of Process Improvements at the Lakeview Regional Water Reclamation Plant.

Change Order No. 1 provides for an \$18,861.16 net increase to the Contract amount and a 30-calendar day extension of contract time. During construction, field conditions revealed that a portion of an existing electrical duct bank needed to be removed and later replaced in order to complete proposed modifications to the 30-inch pipeline connection leaving the plant headworks. The change order includes removing about 25-feet of existing concrete duct bank and replacing it with new conduit and wires along with concrete encasement as required.

Change Order No. 2 provides for an \$18,190.70 net increase to the Contract amount, a 10-calendar day extension of contract time and an increase of 20-days to the project milestone for completion of modifications to the plant headworks. Part of the intent of this project is to increase the maximum rate of flow into Equalization Basins 2 and 3 by modifying the existing 18-inch pipelines that feed those basins. Unexpected conditions were found during construction, making it necessary to do extra pipe work, including a penetration of the basin wall with the new pipe, relocating valves, adding fittings and installing additional concrete to restrain and support the pipe.

Change Orders were processed according to established policy. More information is included in the attached Report of Change Orders.

Financial:

Original Contract Amount	\$2,984,357.00
Change Order No. 1	\$ 18,861.16
Change Order No. 2	\$ 18,190.70
Revised Contract Total	\$3,021,408.86

Recommendation:

Recommend acceptance of enclosed Report of Change Orders.

Enclosures:

Report of Change Orders.

Submitted By: Tom Snyder
Thomas W. Snyder, Assistant Director Engineering/ Construction

Date: January 27, 2012

CHANGE ORDER REPORT

APPROVED BY STAFF

Agenda: February 2, 2012
Prepared: January 26, 2012

Lakeview RWRP Process Improvements

Original Contract Amount: \$2,984,357.00

CO #	Description	Approval Date	Amount of Increase/ (Decrease)	Change In Time (Days)	% Inc./ (Dec.)
1	Remove and replace approximately 25-feet of existing electrical duct bank found to be in conflict with proposed 30-inch connection at plant headworks. Includes installing new PVC conduits and concrete encasement (duct bank) to the portion removed; cleaning new and existing conduits in each run (6 ea. approx. 180-feet in length); and, installing and terminating new wiring in each run (16 ea. #12; 22 ea. #10 and 1-12 wire communication cable).	12/16/2011	\$18,861.16	30	0.63
2	Changes to proposed 18-inch raw sewer pipeline connections to increase feed rate to Equalization Basins 2 and 3. Modifications include relocating two valves, additional pipe fittings, an 18-inch pipeline wall penetration, a concrete pipe restraint collar and a concrete pipeline cradle. Required due to unexpected conditions found during construction. Adjust project milestone date for completion of headworks modifications by 20 calendar days from 2/10/2012 to 3/1/2012.	1/4/2012	\$18,190.70	10	0.61
Total Change Orders to Date (2)			\$37,051.86	40	1.24

Adjusted Contract Amount: \$3,021,408.86