

**CITY OF CORPUS CHRISTI
ENGINEERING SERVICES
CHANGE ORDER**



CHANGE ORDER NO:	19 (COUNCIL)	CHANGE ORDER DATE:	6/23/2020
PROJECT:	ONSWTP High Service Bldg. #3	PROJECT NUMBER:	E11066
CONTRACTOR:	PLW Cadagua Partners	ORIGINAL CONTRACT TIME:	1065 CD's
ENGINEER:	LNV, Inc.		

Make the following additions, modifications or deletions to the work described in the Contract Documents:

ADDITIONS	Quantity	Unit	Unit Price	Total
Additional Scope				
RFP. 22 Rev. 4 (06/23/20) Retrofit of Electrical Parts on Pumps & Motors	1	LS	\$ 24,389.59	\$ 24,389.59
Additional Days: Scope Change	18	DAYS	\$ -	\$ -
RFP. 28 Rev. 4 (06/23/20) Addition of conduit & conductors for generator per Cummins	1	LS	\$ 34,102.63	\$ 34,102.63
Additional Days: Scope Change	0	DAYS	\$ -	\$ -
RFP. 31 Rev. 1 (01/21/20) HS#3 Punch List Request	1	LS	\$ 27,668.98	\$ 27,668.98
Additional Days: Scope Change	18	DAYS	\$ -	\$ -
RFP. 32 Rev. 1 (01/21/20) Chemical Injection & Sample Station Improvements	1	LS	\$ 52,562.32	\$ 52,562.32
Additional Days: Scope Change	30	DAYS	\$ -	\$ -
RFP. 33 Rev. 3 (06/23/20) Additional - Chemical Injection & Sample Station Improvements	1	LS	\$ 357,011.84	\$ 357,011.84
Additional Days: Scope Change	60	DAYS	\$ -	\$ -
RFP. 34 (01/07/20) Clearwell #1 Repairs	1	LS	\$ 53,868.10	\$ 53,868.10
Additional Days: Scope Change	60	DAYS	\$ -	\$ -
			Additions Total: \$	549,603.44
DELETIONS				
none				
1 n/a	0	LS	\$ -	\$ -
			Deletions Total: \$	-
Additional Calendar Days requested	186			
			NET TOTAL OF THIS CHANGE ORDER: \$	549,603.44

Why was this Change necessary:

- RFP 22) During construction it was determined that the design required the incorrect conduit bodies. This scope includes the replacement of conduit bodies installed on the pumps to match in-kind throughout.
- RFP 28) After construction started it was identified that the design for the generator control wiring was incomplete. Additional conduit and conductors were necessary to provide a complete system. This scope includes installation of additional conduit and conductors necessary to complete the generator installation.
- RFP 31) After construction it was determined that some additional scope items were needed. This scope of work includes repairs to existing pavement, painting the pumps to match the piping system, and modifications to the cage ladder penetration through the ceiling that leads to the mezzanine.
- RFP 32) After construction it was determined that some additional scope items were needed to keep the plant operating during construction. This scope of work includes installation of two (2) foundations and associated drain lines to accommodate future sample stations and relocating the post injection LAS and chlorine points for Plant 1 treatment train. The relocation of LAS and chlorine injection points were requested to allow operations to divert Plant 1 flow to nearby junction box that feeds to Clearwell 2 which will bypass Clearwell 1 while providing adequate post injection whilst ensuring optimum water quality.
- RFP 33) After construction it was determined that some additional scope items were needed to keep the plant operating during construction. This scope of work is related to Cost Proposal No. 32 and includes the installation of two (2) sample stations, which includes pumps, analyzers, and all electrical work required to provide a functioning system. The new sample stations will assist the plant operations with maintaining adequate injection ratios and ensuring optimum water quality during CW1 rehabilitation and after the decommissioning of HS#1.
- RFP 34) This scope of work accounts for the project delay resulting from the Clearwell 1 rehabilitation work being postponed, allowing for the High Service #2 pumps to be rehabilitated and put back in operation prior to the High Service #1 pumps being decommissioned. By doing this it ensured the plant was running at full pumping capacity throughout construction.

The compensation agreed upon in this Change Order is full, complete and final payment for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged work as a result of this Change Order.

Original Contract Amount	\$ 21,650,000.00
Total Change Order Contingency Amount (25%)	\$ 5,412,500.00
Remaining Available Contingency Amount (including this CO)	\$ 3,726,092.47
Previously Approved Change Order Amount	\$ 1,136,804.09
Proposed Change Order Amount	\$ 549,603.44
Revised Contract Amount	\$ 23,336,407.53
Percent of Total Change Orders (including this CO)	7.79%
Original Contract Time for Substantial Completion	1065 CD's
Notice to Proceed Date	10/3/2016
Original Substantial Completion Date	9/3/2019
Previously Approved Change Order Time	376 CD's
Additional Time on This Change Order	186 CD's
Revised Contract Time for Substantial Completion	1627 CD's
Revised Substantial Completion Date	3/18/2021

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CONTRACTOR: PLW Cadagua Partners
ENGINEER: LNV, Inc.

CHANGE ORDER DATE: 6/23/2020
PROJECT NUMBER: E11066
ORIGINAL CONTRACT TIME: 1065 CD's

REVIEWED BY: LNV, Inc.

REQUESTED BY: PLW Cadagua Partners

n/a

 Engineer Date

 Emilio Lopez Pacetti Date
 Vice President

CITY OF CORPUS CHRISTI

RECOMMENDED BY: _____
Brett Van Hazel Date
 Construction Engineer

FUND: 4098-062	n/a
ACCOUNT: 550910	n/a
ACTIVITY: E11066-01-4098-EXP	n/a
AMOUNT: \$549,603.44	n/a

RECOMMENDED BY: _____
Jeffrey Edmonds, P.E. Date
 Director of Engineering Services

APPROVED BY: _____
Michael Rodriguez Date
 Chief of Staff

RECOMMENDED BY: _____
Eddie Houlihan, Director Date
 Management and Budget

APPROVED AS TO _____
FORM: **Kent Mcilyar** Date
 Assistant City Attorney