



ST. CHARLES PARISH

DEPARTMENT OF PUBLIC WORKS

100 RIVER OAKS DRIVE • DESTREHAN, LOUISIANA 70047

(985) 783-5102 • (985) 783-5104 • FAX (985) 725-2250

Website: www.stcharlesparish-la.gov

V.J. ST. PIERRE, JR.
PARISH PRESIDENT

SAM SCHOLLE
DIRECTOR

November 7, 2011

TO: Mrs. Barbara Jacob-Tucker
Council Secretary

FROM: Sam C. Scholle
Director of Public Works/Wastewater

**SUBJECT: Hahnville Regional WWTP Secondary Wet Well,
H2S System, and Headworks Improvements
St. Charles Parish Project No. S080502-1
Change Order No. One (1)**

Please introduce Change Order No. One (1) for the above referenced project at the next Council Meeting, which is Monday, November 7, 2011. Thank you for your usual cooperation.

SCS:jgl

Attachments

2011-

**INTRODUCED BY: V.J. ST. PIERRE, JR., PARISH PRESIDENT
(DEPARTMENT OF PUBLIC WORKS)**

ORDINANCE NO. _____

An ordinance approving and authorizing the execution of Change Order No. 1 for Parish Project No. S080502-1, Hahnville Regional WWTP Secondary Wet Well, H₂S System, and Headworks Improvements to increase the contract amount by \$27,711.00 and add 43 days to the contract time.

WHEREAS, Ordinance No. 10-12-7, adopted December 6, 2010, by the St. Charles Parish Council, approved and authorized the execution of a contract with Max Foote Construction for S080502-1 Hahnville Regional WWTP Secondary Wet Well, H₂S System, and Headworks Improvements in the amount of \$1,347,000.00; and,

WHEREAS, The majority of the cost associated with this change order is from three items, repair of a 10 in pump discharge penetration on the inlet well, odor control piping alignment revisions, and installation of flexible couplings on the rotary screens; and,

WHEREAS, It is necessary to amend the contract adding one new item and revising three items resulting in an increase to the contract amount by \$27,711.00 and increasing the contract time by 43(forty three) days.

THE ST. CHARLES PARISH COUNCIL HEREBY ORDAINS,

SECTION I. To approve and authorize the execution of Change Order No. 1 for Parish Project No. S080502-1, Hahnville Regional WWTP Secondary Wet Well, H₂S System, and Headworks Improvements to increase the contract amount by \$27,711.00 and contract time by 43 days.

SECTION II. That the Parish President is hereby authorized to execute said Change Order.

The foregoing ordinance having been submitted to a vote, the vote thereon was as follows:

And the ordinance was declared adopted this _____ day of _____, _____, to become effective five (5) days after publication in the Official Journal.

CHAIRMAN: _____

SECRETARY: _____

DLVD/PARISH PRESIDENT: _____

APPROVED: _____ DISAPPROVED: _____

PARISH PRESIDENT: _____

RETD/SECRETARY: _____

AT: _____ RECD BY: _____

CHANGE ORDER

No. 1

DATE OF ISSUANCE

EFFECTIVE DATE

OWNER St. Charles Parish
CONTRACTOR Max Foote Construction Co., Inc
Contract: Hahnville Regional WWTP Secondary Wet Well, H2S System, and Headworks Improvements
Project:
OWNER's Contract No. S080502-1
ENGINEER's Contract No. 406291

ENGINEER CH2M HILL

You are directed to make the following changes in the Contract Documents:

Description:

A. Add the Following Work Items :

- 1) New Contract Item: 8) Repair of 10" DI Discharge Pipe Penetration through Wet Well Deck (Pump 2)
Item to include disconnecting the existing piping, cutting the existing penetrating pipe, coring out the existing pipe, installation and re-connection of new DI pipe.
Addition of \$5,686 L.S. See attached cost estimate for details.

Total of Added Work Items \$5,686

B. Revise the Following Work Items:

- Contract Item: 2) Construction of Secondary Wet Well
Item to include additional work as follows:
a) Monorail Beam (replacement of beam with correct size)
b) Limestone Aggregate (additional charge for revised concrete mix)
c) Reducers for Base 90's. (additional fittings to complete work).
Cost of this additional work is \$8,291 L.S. See attached cost estimates for details.
Work removed from this item:
d) Three piles and pile cap for monorail support
Cost reduction of this change is \$5,600 L.S. See attached cost estimates for details.

- Contract Item: 4) Construction of Odor Control System
Item to include additional work as follows:
a) Revised Odor Control Piping alignment to account for relocated pipe support
b) Increasing base plates to 3/4"
c) Wye strainer replacement
Cost of this additional work is \$11,471 L.S. See attached cost estimates for details.
Items to be changed:
d) Change painting to pipe supports to galvanizing pipe supports.
Cost reduction of this change is \$1,900 L.S. See attached cost estimates for details.

- Contract Item: 5) Headworks Improvements
Item to include additional work as follows:
a) Change gate support material to stainless steel
b) Installation of flexible couplings at rotary screens
Cost of this additional work is \$9,763 L.S. See attached cost estimates for details.

Total of changed Work Items is \$22,025.00

C. Revise the Contract Time as follows:

Add a total of 43 calendar days to the contract time. The new date for substantial completion is now 12/05/2011.

Reason for Change Order:

- A. Contract Item 8) Previously undetected damages to the existing discharge piping were identified during construction. As this equipment is critical to plant operations it required immediate repair.

B. Contract Item 2) Field adjustments made due to:

- a) incorrect as-built drawings
- b) owner's request
- c) incorrect as-built drawings
- d) Value Engineering

Contract Item 4) Field adjustments made due to:

- a) underground conflicts that required relocation of pipe support
- b) engineer's recommendation
- c) maintenance problems
- d) Value Engineering

Contract Item 5) Field adjustments made due to:

- a) improvement to increase durability
- b) missing detail in design drawings

C. The total contract extension of 43 days includes the following items:

- 8 days to allow for work described in this change order to be completed
- 22 days required interruption to allow another contractor to complete work at the Influent Pump Station
- 8 days required for acclimatization of H₂S control system before performance test
- 5 days of wet weather interruption

Attachments:

Description of Changes

Cost Estimates

Value engineering letters

CHANGE IN CONTRACT PRICE:
Original Contract Price \$1,347,000.00
Net Increase (Decrease) from previous Change Orders No. <u> </u> to <u> </u> : \$0.00
Contract Price prior to this Change Order: \$1,347,000.00
Net increase (decrease) of this Change Order: \$+27,711
Contract Price with all approved Change Orders: \$1,374,711

CHANGE IN CONTRACT TIMES:
Original Contract Times: Substantial Completion: <u>10/17/2011</u> Ready for final payment: <u>45</u> (days or dates)
Net change from previous Change Orders No. <u> </u> to No. <u> </u> : Substantial Completion: <u>0</u> Ready for final payment: <u>0</u> (days)
Contract Times prior to this Change Order: Substantial Completion: <u>10/17/2011</u> Ready for final payment: <u>45</u> (days or dates)
Net increase (decrease) this Change Order: Substantial Completion: <u>43</u> Ready for final payment: <u>0</u> (days)
Contract Times with all approved Change Orders: Substantial Completion: <u>11/29/2011</u> Ready for final payment: <u>45</u> (days or dates)

RECOMMENDED:

APPROVED:

ACCEPTED:

By: *[Signature]* By: _____
ENGINEER (Authorized Signature) OWNER (Authorized Signature)

By: *[Signature]*
CONTRACTOR (Authorized Signature)

Date: 11/03/2011 Date: _____

Date: 11/3/11

EJCDC 1910-8-B (1996 Edition)

Prepared by the Engineers Joint Contract Documents Committee and endorsed by The Associated General Contractors of America and the Construction Specifications Institute.



ATTACHMENT NO 1 - DESCRIPTION OF CHANGES

BASE BID FOR PARISH PROJECT NO. S080502-1, Hahnville Regional WWTP Secondary Wet Well, H2S System, and Headworks Improvements

Item No.	Description	Unit	Unit Price	Original Contract		Change Order No. 1		Change Order No. 2		Total to Date		Increases	Decreases	Deletions	Additions
				Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost				
1	MOBILIZATION / DEMOBILIZATION	L.S.	\$20,000.00	1.00	\$20,000.00					1.00	\$20,000.00				
2	CONSTRUCTION OF SECONDARY WET WELL	L.S.	\$276,000.00	1.00	\$276,000.00	0.01	\$2,691.00			1.01	\$278,691.00	\$2,691.00			
3	REPLACEMENT OF 20" INFLUENT FORCEMAIN	L.S.	\$150,000.00	1.00	\$150,000.00		\$0.00			1.00	\$150,000.00				
4	CONSTRUCTION OF H2S CONTROL SYSTEM	L.S.	\$300,000.00	1.00	\$300,000.00	0.03	\$9,571.00			1.03	\$309,571.00	\$9,571.00			
5	HEADWORKS IMPROVEMENTS	L.S.	\$500,000.00	1.00	\$500,000.00	0.02	\$9,763.00			1.02	\$509,763.00	\$9,763.00			
6	PROJECT SIGNS AND BULLETIN BOARDS	L.S.	\$1,000.00	1.00	\$1,000.00					1.00	\$1,000.00				
7	RELOCATION OF INFRASTRUCTURE ITEMS	L.S.	\$100,000.00	1.00	\$100,000.00		\$0.00			1.00	\$100,000.00				
8	Repair of 10" DI Discharge Pipe Penetration through Wet Well Deck (Pump 2)	L.S.				1.00	\$5,686.00			1.00	\$5,686.00				\$5,686.00
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
				TOTALS:	\$1,347,000.00	\$27,711.00	\$0.00	\$0.00	\$1,374,711.00	\$22,025.00	\$0.00	\$0.00	\$5,686.00		

RESULTING COST INCREASE TO ST. CHARLES PARISH FOR BASE BID & ALTERNATES NO. 1 AND 2

\$27,711.00

2.06% of Base Bid



MAX FOOTE
CONSTRUCTION CO., INC.

GENERAL CONTRACTORS

November 23, 2010

To: Marc Ischen
CH2MHILL
3900 N. Causeway Blvd.
Suite 1250
Metairie, LA 70002

RECEIVED

NOV 30 2010

From: Michael Middleton
P.O Box 1208
Mandeville, LA 70470-1208

CH2MHILL/NWO

Re: Hahnville WWTP

Marc:

Please find the itemized list below of value engineered items for the Hahnville WWTP.

- 1) Delete three (3) piles and pile cap for monorail support column and add one (1) corbel on new wet well to support monorail column. (see attachment 1)

\$5,600 – credit to owner

- 2) Delete five (5) piles under slab at new wet well discharge piping, change house keeping slab to a 6" slab in lieu of a 1'-4" slab and delete 3 concrete pipe saddles. (see attachment 2)

\$9,500 – credit to owner

- 3) Delete stainless steel strapping at FRP duct supports, delete painting of the FRP duct supports and include galvanizing all FRP duct supports. (see attachment 3)

\$1,900 – credit to owner

Should you have any questions please do not hesitate to contact me.

Sincerely,

Michael Middleton
Project Manager
Max Foote Construction

POST OFFICE BOX 1208 MANDEVILLE, LOUISIANA 70470-1208 (985) 624-8569
FAX (985) 624-8580



CH2M HILL
One Lakeway
3900 N. Causeway Boulevard
Suite 1250
Metairie, LA 70002
Telephone (504) 593-9421

December 3, 2010

Michael Middleton
Max Foote Construction Co., Inc.
P.O. Box 1208
Mandeville, LA 70470-1208

Subject: Hahnville WWTP Value Engineering

Dear Mike:

We have reviewed your proposal for value engineered items at the Hahnville WWTP.

See below for our decisions regarding the proposed alterations:

- 1) Delete piles and pipe cap for monorail support.
This approach is acceptable. Drawing, signed and sealed by a structural engineer licensed in the State of Louisiana shall be prepared and submitted detailing the entire structure, including but not limited to caisson structure, number and locations of piles, bottom and top slab in plan and section view.
- 2) Delete five piles under slab and pipe support modifications.
This approach is not acceptable. The proposed approach will not properly support the discharge piping.
- 3) Delete stainless steel strapping and galvanize supports instead of painting.
This approach is acceptable. Galvanizing must conform to Section 05500, in particular Part 2.08 E.

If you have any questions, please contact me at 504-832-9514.

Sincerely,

CH2M HILL

A handwritten signature in blue ink, appearing to read "M. Ischen".

Marc Ischen
Project Engineer

cc: Mike Stickley/CH2M HILL
Greg Schultz/ St. Charles Parish
File

Hahnville Concrete Agregate Change to Limestone.xls

Total	Labor		Materials		500		Equip		Sub		54		554	
	Quantity	Unit	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total		Minus
Limestone Agregate	100	YDS	0.00	*	5.00	500	500	*	*	*	*	*		Ditta

Subtotal	Labor	Materials	500	Equip	Sub	500

Mob	*	*	*	*	*

Bond					6
Payroll Taxes	20.00%				
Sales Tax	9.00%				45
Miscellaneous Insurance					3

Secondary Page Subtotal	Labor	Materials	Equip	Sub	54
Front Pages Subtotal					
All Pages Total					

OH & P	83	637
--------	----	-----

Grand Total		637
-------------	--	-----

Total		Labor 960		Materials 5976		Equip 500		Sub 902		Subcontractor		8338	
Description	Quantity	Unit	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Minus	Comments	
FRP For Pile Change	1	EA	960.00	960	5976.00	5976	500	500	*	*			
Subtotal													7436
Mob				*		*		*		*			
Bond													
Payroll Taxes			20.00%								85		
Sales Tax			9.00%								192		
Miscellaneous Insurance											583		
											42		
Secondary Page Subtotal													902
Front Pages Subtotal													7436
All Pages Total													8338
													OH & P 1251
													Grand Total 9589

Hahnville Base Plates On Supports.xls

Total	Description	Quantity	Labor		Materials		Equip		Sub		Subcontractor	Comments
			Unit	Cost	Unit	Cost	Unit	Cost	Unit	Cost		
	3/4" Base Plates At Supports	1	EA	0.00	*	900.00	900	*	*	*	*	997
												997

Subtotal		Labor		Materials		Equip		Sub	
Unit	Cost	Unit	Cost	Unit	Cost	Unit	Cost	Unit	Cost

Mob				*		*		*		*		
-----	--	--	--	---	--	---	--	---	--	---	--	--

Bond												
Payroll Taxes	20.00%											11
Sales Tax	9.00%											81
Miscellaneous Insurance												5

Secondary Page Subtotal		Labor		Materials		Equip		Sub	
Unit	Cost	Unit	Cost	Unit	Cost	Unit	Cost	Unit	Cost

OH & P	150											1147
Grand Total												1147

Replace Wye Strainer At Odor Control.xls

Description	Quantity	Labor		Materials		Equip		Equipment		Subcontractor		Comments
		Unit	LS	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	
Replace Wye Strainer At Odor Cont.	100			200		256		100				
Total												639

Subtotal		Labor		Materials		Equip		Equipment		Subcontractor		
Unit	LS	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	
		200		256		100						556

Subtotal		Labor		Materials		Equip		Equipment		Subcontractor		
Unit	LS	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	
		200		256		100						556

Mob												
Bond												
Payroll Taxes	20.00%											
Sales Tax	9.00%											
Miscellaneous Insurance												

Secondary Page Subtotal												83
Front Pages Subtotal												556
All Pages Total												639

OH & P	96											735
--------	----	--	--	--	--	--	--	--	--	--	--	-----

