

Ord.

2011-0354

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

ORDINANCE NO. 11-11-13

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 on behalf of St. Charles Parish.

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

YEAS: SCHEXNAYDRE, AUTHEMENT, RAYMOND, TASTET, BENEDETTO, HOGAN, COCHRAN, LAMBERT, NUSS
NAYS: NONE
ABSENT: NONE

And the ordinance was declared adopted this 21st day of November, 2011, to become effective five (5) days after publication in the Official Journal.

CHAIRMAN: _____
SECRETARY: Buckley Jacob Tucker
DLVD/PARISH PRESIDENT: November 22, 2011
APPROVED: ✓ DISAPPROVED: _____
PARISH PRESIDENT: W. J. St. Pierre
RETD/SECRETARY: November 23, 2011
AT: 9:10 Am RECD BY: [Signature]

RECORDED IN THE ST. CHARLES PARISH
CLERK OF COURT OFFICE
ON November 28, 2011
AS ENTRY NO. 374839
IN MORTGAGE/CONVEYANCE BOOK
NO. 1452 FOLIO 65

REFERENCE
Ord. 10-12-7

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. - 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:

By: [Signature]
ENGINEER (Authorized Signature)

APPROVED:

By: [Signature]
OWNER (Authorized Signature)

ACCEPTED:

By: [Signature]
CONTRACTOR (Authorized Signature)

Date: 11/03/2011

Date: 11/22/11

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

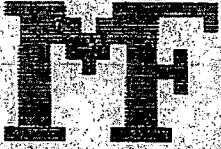
BASE BID FOR PARISH PROJECT NO. S080502-1, Hahnville Regional WWTP Secondary Wet Well, H2S System, and Headworks Improvements

Item No.	Description	Unit	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.	1.00	\$20,000.00					1.00	\$20,000.00				
2	CONSTRUCTION OF SECONDARY WET WELL	L.S.	1.00	\$278,691.00	0.01	\$2,691.00			1.01	\$278,691.00	\$2,691.00			
3	REPLACEMENT OF 20" INFLUENT FORCEMAIN	L.S.	1.00	\$150,000.00		\$0.00			1.00	\$150,000.00				
4	CONSTRUCTION OF H2S CONTROL SYSTEM	L.S.	1.00	\$300,000.00	0.03	\$9,571.00			1.03	\$309,571.00	\$9,571.00			
5	HEADWORKS IMPROVEMENTS	L.S.	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.	1.00	\$1,000.00					1.00	\$1,000.00				
7	RELOCATION OF INFRASTRUCTURE ITEMS	L.S.	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										\$0.00				
10										\$0.00				
11										\$0.00				
12										\$0.00				
13										\$0.00				
14										\$0.00				
15										\$0.00				
16										\$0.00				
17										\$0.00				
18										\$0.00				
19										\$0.00				
20										\$0.00				
21										\$0.00				
22										\$0.00				
23										\$0.00				
24										\$0.00				
25										\$0.00				
26										\$0.00				
27										\$0.00				
28										\$0.00				
29										\$0.00				
TOTALS:				\$1,347,000.00		\$27,711.00		\$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



CH2MHILL

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 black ink, appearing to read "Marc Ischen".

Marc Ischen
Project Engineer

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

Change Gate Supports To SS.xls

Total		Labor		Materials		700		Equip		Sub		76		776		
Description	Quantity	Unit	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Subcontractor	Minus	Comments	
Gate Supports SS	1	EA	0.00	*	700.00	700	*		*		*		*			
Subtotal		Labor		Materials		700		Equip		Sub				700		
Mob				*		*		*		*		*				
Bond													9			
Payroll Taxes			20.00%													
Sales Tax			9.00%										63			
Miscellaneous Insurance													4			
Secondary Page Subtotal		Labor		Materials		Equip		Sub		76				76		
Front Pages Subtotal		Labor		Materials		700		Equip		Sub				700		
All Pages Total		Labor		Materials		700		Equip		Sub				776		
OH & P												116				892
Grand Total																892

Total		Labor		Materials		Equip		Sub		Subcontractor		8871	
Description	Quantity	Unit	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Comments
Proco Couplings	2	EA	0.00	0	4014.00	8028			*		*		
Subtotal		Labor		Materials		Equip		Sub				8028	
Mob				*		*		*		*			
Bond												80	
Payroll Taxes												723	
Sales Tax												40	
Miscellaneous Insurance													
Secondary Page Subtotal		Labor		Materials		Equip		Sub				843	
Front Pages Subtotal		Labor		Materials		Equip		Sub				8028	
All Pages Total		Labor		Materials		Equip		Sub				8871	
OH & P										0		8871	
Grand Total												8871	

Replace Wye Strainer At Odor Control.xls

Total		Labor	200	Materials	256	Equip	100	Sub	83	639
Description	Quantity	Unit	LS	Labor Unit Cost	Materials Unit Cost	Equip Unit Cost	Equipment Unit Cost	Sub Unit Cost	Subcontractor Total	Comments
Replace Wye Strainer At Odor Cont.	100	LS		200	256	100	100	83		
Subtotal										556
Mob										
Bond										
Payroll Taxes	20.00%								7	
Sales Tax	9.00%								40	
Miscellaneous Insurance									33	
									3	
Secondary Page Subtotal										83
Front Pages Subtotal										556
All Pages Total										639
									OH & P	96
										735

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

Subtotal		Labor	Materials	900	Equip	Sub							900
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Mob				*		*		*		*		*	
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Bond													
Payroll Taxes			20.00%										
Sales Tax			9.00%										
Miscellaneous Insurance													

	11												
	81												
	5												

Secondary Page Subtotal		Labor	Materials	Equip	Sub	97
Front Pages Subtotal		Labor	Materials	900	Equip	Sub
All Pages Total		Labor	Materials	900	Equip	Sub

OH & P	150												1147
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Grand Total													1147
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FRP For Pile Chnge.xls

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

Total			Labor	Materials	3300	Equip	Sub	358		3658
Description	Quantity	Unit	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Subcontractor Total	Comments
Monorail Extension	1	EA	*	3300	*	3300	*	*	*	Construction Metals

Subtotal	Labor	Materials	3300	Equip	Sub	3300
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imob		*	*	*	*	*
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Bond	
Payroll Taxes	20.00%
Sales Tax	9.00%
Miscellaneous Insurance	

	41
	297
	20

Secondary Page Subtotal	
Front Pages Subtotal	
All Pages Total	

Labor	Materials	Equip	Sub
	3300		358
Labor	Materials	Equip	Sub
	3300		358
Labor	Materials	Equip	Sub
	3300		358

OH & P	549
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Grand Total	4207
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Total		Labor 480		Materials 2028		Equip 2028		Equipment		Sub 339		2997			
Description	Quantity	Unit	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Comments		
Reducers On Base 90's	4	EA	120.00	480	507.00	2028	150	150	*	*					
Subtotal		Labor 480		Materials 2028		Equip 2028		Equipment		Sub 339		2658			
Mob				*		*		*		*					
Bond															
Payroll Taxes												31			
Sales Tax												96			
Miscellaneous Insurance												197			
												15			
Secondary Page Subtotal		Labor 480		Materials 2028		Equip 2028		Equipment		Sub 339		339			
Front Pages Subtotal		Labor 480		Materials 2028		Equip 2028		Equipment		Sub 339		2658			
All Pages Total		Labor 480		Materials 2028		Equip 2028		Equipment		Sub 339		2997			
										OH & P		450		3447	
										Grand Total				3447	

Hahnville Concrete Agregate Change to Limestone.xls

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

Subtotal		Labor	Materials	500	Equip	Sub	500
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Mob			*	*	*	*	*
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Bond								6
Payroll Taxes	20.00%							45
Sales Tax	9.00%							3
Miscellaneous Insurance								

Secondary Page Subtotal		Labor	Materials	Equip	Sub	54	54
Front Pages Subtotal		Labor	Materials	500	Equip	Sub	500
All Pages Total		Labor	Materials	500	Equip	Sub	554

OH & P 83

Grand Total 637

Hahnville Effl. Pipe Replacement.xls

Total		Labor 1102		Materials 1600		Equip 175		Sub 2067		Subcontractor		4944	
Description	Quantity	Unit	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Comments
14" Core	1	EA	*	*	*	1200	*	50	*	400	*	1200	
Pipe Cut-Off/Disconnect	1	EA	200	200	*	50	50	50	*	400	*	1200	
10" Link Seal	1	EA	50	50	150	150	25	25	*	400	*	1200	
DIP	1	EA	400	400	1000	1000	*	*	*	400	*	1200	
Gout	100	LS	50	5000	200	20000	50	5000	50	5000	*	1200	
Pipe Col.	1	EA	50	50	100	100	50	50	*	400	*	1200	
Paint	100	LS	*	*	*	*	*	*	*	400	*	1200	
Travel Gass	100	LS	*	*	150	15000	*	*	*	400	*	1200	
Supervision	100	LS	352	35200	*	*	*	*	*	400	*	1200	

Subtotal	Labor 1102	Materials 1600	Equip 175	Sub 2067	Subcontractor Total	4477
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Mob	*	*	*	*	*	*
Bond						
Payroll Taxes	20.00%					57
Sales Tax	9.00%					221
Miscellaneous Insurance						160
						29

Secondary Page Subtotal	Labor	Materials	Equip	Sub	467
Front Pages Subtotal	Labor 1102	Materials 1600	Equip 175	Sub 2067	4477
All Pages Total	Labor 1102	Materials 1600	Equip 175	Sub 2067	4944

OH & P	742	5686
Grand Total		5686