



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 *SS*
Director of Public Works/Wastewater

**SUBJECT: Destrehan Regional WWTP H₂S System and Secondary Wet Well
St. Charles Parish Project No. S080501-6
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. S080501-6, Destrehan Regional WWTP H₂S System & Secondary Wet Well to increase the contract amount by \$49,869.00 and add 38 days to the contract time.

WHEREAS, Ordinance No. 10-12-6, adopted December 6, 2010, by the St. Charles Parish Council, approved and authorized the execution of a contract with Max Foote Construction for S080501-6 Destrehan Regional WWTP H₂S System & Secondary Wet Well in the amount of \$1,070,000.00; and,

WHEREAS, The majority of the cost associated with this change order is due to the replacement of approximately 75 ft of severely corroded 18 in force main feeding the inlet well and relocation of the inlet feed to the new secondary wet well to avoid an electrical duct bank; and,

WHEREAS, It is necessary to amend the contract revising three items resulting in an increase to the contract amount by \$49,869.00 and increasing the contract time by 38(thirty eight) 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. S080501-6, Destrehan Regional WWTP H₂S System & Secondary Wet Well to increase the contract amount by \$49,869.00 and contract time by 38 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: Destrehan Regional WWTP H2S System & Secondary Wet Well
Project:
OWNER's Contract No. S080501-6
ENGINEER's Contract No. 382049

ENGINEER CH2M HILL

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

Description:

A. 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) Handrail modifications under monorail track
Cost of this additional work is \$5,635 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: 3) Replacement of 20" Influent Forcemain
Item to include additional work as follows:
a) Remove and replace 18" Influent Forcemain as well as 8" and 16" pipe extensions
b) Relocation of Influent Forcemain to secondary well due to duct bank conflict
Cost of this additional work is \$47,697 L.S. See attached cost estimates for details.
- Contract Item: 4) Construction of H₂S Control System
Item to include additional work as follows:
a) Topping Slab under H₂S control system
b) Increasing base plates to ¾"
c) Stairs to H₂S Control System
Cost of this additional work is \$4,437 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 \$2,300 L.S. See attached cost estimates for details.

Total of changed Work Items is \$49,869.

B. Revise the Contract Time as follows:

Add a total of 38 calendar days to the contract time. The new date for substantial completion is now 11/30/2011.

Reason for Change Order:

- A. Contract Item 2) Field adjustments made due to:
a) incorrect as-built drawings
b) owner's request
c) owner provided additional information after start of construction
d) Value Engineering
- Contract Item 3) Field adjustments made due to:
a) during construction work to replace corroded 30" DI piping additional 18" DI piping upstream was identified as needing replacement (piping was severely corroded)
b) insufficient information on as-built drawings caused conflict in design documents
- Contract Item 4) Field adjustments made due to:
a) owner's request

- b) engineer's recommendation
- c) design change at owner's request
- d) Value Engineering

B. The total contract extension of 38 days includes the following items:

- 8 days to allow for work described in this change order to be completed
- 15 days required interruption to allow another contractor to complete work at the Influent Pump Station
- 10 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	\$1,070,000.00
Net Increase (Decrease) from previous Change Orders No. <u> </u> to <u> </u> :	\$0.00
Contract Price prior to this Change Order:	\$1,070,000.00
Net increase (decrease) of this Change Order:	+\$49,869.00
Contract Price with all approved Change Orders:	\$1,119,869

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>38</u>
Ready for final payment:	<u>0</u> (days)
Contract Times with all approved Change Orders:	
Substantial Completion:	<u>11/24/2011</u>
Ready for final payment:	<u>45</u> (days or dates)

RECOMMENDED:

APPROVED:

ACCEPTED:

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

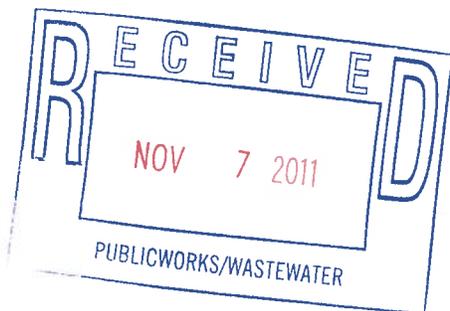
By: [Signature]
CONTRACTOR (Authorized Signature)

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. S080501-6, Destrehan Regional WWTP H2S System & Secondary Wet Well

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.	\$549,000.00	1.00	\$549,000.00	0.00	\$35.00			1.00	\$549,035.00	\$35.00			
3	REPLACEMENT OF 30" INFLUENT FOREMAIN	L.S.	\$100,000.00	1.00	\$100,000.00	0.48	\$47,697.00			1.48	\$147,697.00	\$47,697.00			
4	CONSTRUCTION OF H2S CONTROL SYSTEM	L.S.	\$300,000.00	1.00	\$300,000.00	0.01	\$2,137.00			1.01	\$302,137.00	\$2,137.00			
5	PROJECT SIGNS AND BULLETIN BOARDS	L.S.	\$1,000.00	1.00	\$1,000.00					1.00	\$1,000.00				
6	RELOCATION OF INFRASTRUCTURE ITEMS	L.S.	\$100,000.00	1.00	\$100,000.00					1.00	\$100,000.00				
7											\$0.00				
8											\$0.00				
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: \$1,070,000.00 \$49,869.00 \$0.00 \$1,119,869.00 \$49,869.00 \$0.00 \$0.00 \$0.00

RESULTING COST INCREASE TO ST. CHARLES PARISH FOR BASE BID & ALTERNATES NO. 1 AND 2: \$49,869.00 4.66% 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: Destrehan WWTP

Marc:

Please find the itemized list below of value engineered items for the Destrehan 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, delete one (1) concrete pipe support, change house keeping slab to a 6" slab in lieu of a 1'- 4" slab and add one (1) additional corbel on the side of the wet well to support the new FRP duct. (see attachment 2)

\$8,600 – 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)

\$2,300 – 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: Destrehan WWTP Value Engineering

Dear Mike:

We have reviewed your proposal for value engineered items at the Destrehan 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 slab serves multiple purposes and the proposed approach will not properly support the discharge piping and support for the odorous air ductile iron pipe.
- 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 "M. Ischen", written over a horizontal line.

Marc Ischen
Project Engineer

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

Destrehan Monorail Beam Change Order.xls

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

Subtotal											3300
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mob											
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Bond											
Payroll Taxes										41	
Sales Tax										297	
Miscellaneous Insurance										20	

Secondary Page Subtotal											358
Front Pages Subtotal											3300
All Pages Total											3658

OH & P											549
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Grand Total											4207
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Concrete Agregate Change to Limestone.xls

Total	Labor		Materials		Equip		Sub		81	Subcontractor	Total	Comments
	Unit	YDS	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total				
Description	Quantity	Unit	Unit Cost	Total	Minus	Ditta						
Limestone Agregate	150	YDS	0.00	*	5.00	750			*	*		

Subtotal	Labor	Materials	750	Equip	Sub	750
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Mob		*	*	*	*
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Bond		9
Payroll Taxes	20.00%	
Sales Tax	9.00%	68
Miscellaneous Insurance		4

Secondary Page Subtotal	Labor	Materials	Equip	Sub	81	
Front Pages Subtotal	Labor	Materials	750	Equip	Sub	750
All Pages Total	Labor	Materials	750	Equip	Sub	831

OH & P	124	955
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Grand Total		955
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Total		Labor 3600		Materials 29016		Equip 1500		Sub 3898		38014	
Description	Quantity	Unit	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Comments
Replace 30", 18" & Extend 8" and 16"	1	EA	3600.00	3600	29016.00	29016	1500.00	1500	*	*	
Subtotal		Labor	3600	Materials	29016	Equip	1500	Sub	3898		34116
Mob				*		*		*			
Bond										421	
Payroll Taxes	20.00%									720	
Sales Tax	9.00%									2747	
Miscellaneous Insurance										10	
Secondary Page Subtotal											3898
Front Pages Subtotal											34116
All Pages Total											38014
										OH & P	5732
										Grand Total	43746

24 Inch Influent Line Duct Bank Conflict.xls

Total		Labor 640		Materials 2100		Equip 300		Sub 396		Subcontractor	
Description	Quantity	Unit	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Comments
24" Influent Duct Bank Conflict	1	EA	640.00	640	2100.00	2100	300.00	300	*	*	
Subtotal											3436
Mob				*				*		*	
Bond											
Payroll Taxes			20.00%								35
Sales Tax			9.00%								128
Miscellaneous Insurance											216
											17
Secondary Page Subtotal											396
Front Pages Subtotal											3040
All Pages Total											3436
										OH & P	515
										Grand Total	3951

Total		Labor 410		Materials 780		Equip 473		Sub 1663	
Description	Quantity	Unit	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Comments
Bonding Agent	1	EA		*	100.00	100	*	*	
Drain Extension	1	EA		*	20.00	20	*	*	
5000 PSI Mix	4	yds		*	165.00	660	*	290	Ditta
Prep, Form, Place And Fin.	21	Hrs	19.50	410		*	*	*	

Subtotal	Labor 410	Materials 780	Equip 290	Sub 1480
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Mob			*	*	
Bond					20
Payroll Taxes		20.00%			82
Sales Tax		9.00%			71
Miscellaneous Insurance					10

Secondary Page Subtotal	Labor	Materials	Equip	Sub	183
Front Pages Subtotal	Labor 410	Materials 780	Equip 290	Sub 1480	
All Pages Total	Labor 410	Materials 780	Equip 473	Sub 1663	

OH & P	250	1913
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Grand Total	1913
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Stairs At Bioscrubber.xls

Total		Labor		Materials		Equip		Sub		Subcontractor		1033	
Description	Quantity	Unit	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Comments
Stairs At Bioscrubber	1	EA	0.00	*	891.00	891			*		*		
Subtotal		Labor		Materials	891	Equip		Sub					891
Mob				*		*		*		*			
Bond												41	
Payroll Taxes			20.00%									81	
Sales Tax			9.00%									20	
Miscellaneous Insurance													
Secondary Page Subtotal		Labor		Materials		Equip		Sub	142				142
Front Pages Subtotal		Labor		Materials	891	Equip		Sub					891
All Pages Total		Labor		Materials	891	Equip		Sub		142			1033
											OH & P	600	1633
											Grand Total		1633

Base Plates On Supports.xls

Total	Description	Quantity	Labor		Materials		Equip		Sub		Subcontractor	Comments
			Unit	Unit Cost	Total							
	3/4" Base Plates At Supports	1	EA	0.00	700.00	700						
	Subtotal											

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