St. Bernard Parish Conformed Copy

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ST BERNARD PARISH GOVERNMENT
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ATTENTION: RONNIE ALONZO CAO
CHALMETTE, LA 70043

First MORTGAGOR
ST BERNARD PARISH GOVERNMENT

First MORTGAGEE
PHOENIX CONSTRUCTORS LLC

Index Type : MORTGAGES

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Book : 1810 **Page :** 304

Recording Pages : 9

Description : CHANGE ORDER NO 1 -PROJECT EXTRA PAVING WORK AND DRAINAGE MODIFICATIONS APPROVED

Recorded Information

I hereby certify that the attached document was filed for registry and recorded in the Clerk of Court's office for St. Bernard Parish, Louisiana

On (Recorded Date) : 08/11/2016

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CHANGE ORDER

No. 1

DATE OF ISSUANCE 6/29/2016

OWNER St. Bernard Parish Government
CONTRACTOR Phoenix Constructors, LLC
Contract:
Project: St. Bernard Main Yard Site Work (Improved Project)
OWNER's Contract No. FEMA PW 19795 ENGINEER's Contract No. 89239.1
ENGINEER Shread-Kuyrkendall & Associates, Inc.

You are directed to make the following changes in the Contract Documents:
Description:
Extra Paving Work (removal and replacement) and Drainage Modifications Approved

Reason for Change Order:
Removal Costs for Additional Paving Approved
Increase Quantity for 18" PVC Drain Line

Attachments: PCO's from Phoenix Constructors, LLC for additional pavement removal dated 6/20/2016
Sketch of Work Changes
RS Means Cost Justification provided by Engineer

CHANGE IN CONTRACT PRICE:
Original Contract Price $ 1,117,000.00
Net Increase (Decrease) from previous Change Orders No. 0 to 0 : $ 0
Contract Price prior to this Change Order: $ 1,117,000.00
Net increase (decrease) of this Change Order: $ 87,952.00
Contract Price with all approved Change Orders: $ 1,204,952.00

CHANGE IN CONTRACT TIMES:
Original Contract Times: Substantial Completion: 180 days
Net change from previous Change Orders No. 0 to No. 0 : Substantial Completion: 0 days
Contract Times prior to this Change Order: Substantial Completion: 180 days August 8, 2016
Net increase (decrease) this Change Order: Substantial Completion: 45 days
Contract Times with all approved Change Orders: Final Substantial Completion: September 22, 2016

RECOMMENDED:
By: [signature]
ENGINEER
Date: 7/20/16

APPROVED:
By: [signature]
OWNER Guy S. McInnis President-SBPG
Date: 8/6/16

ACCEPTED:
By: [signature]
CONTRACTOR
Date: 7/20/16

MAIN YARD SITE PLAN

7/18/2016

	Description	Unit of Measurement	Contract Quantity	Unit Price	Total	Revised Quantity	Total
1	MOB/DEMOD	LS	1	$48,190.00	$48,190.00	1	$48,190.00
2	REMOVAL OF PAVEMENT/AGGREGATE	LS	1	$109,000.00	$109,000.00	1.00	$109,000.00
3	REMOVAL OF DRAINAGE	LF	450	$15.00	$6,750.00	450	$6,750.00
4	CB-01	EA	13	$2,200.00	$28,600.00	13	$28,600.00
5	15" PVC	LF	270	$93.00	$25,110.00	270	$25,110.00
6	18" PVC	LF	500	$108.00	$54,000.00	605	$65,340.00
7	GEOTEXTILE FABRIC	SY	8000	$1.00	$8,000.00	8000	$8,000.00
8	LIMESTONE BASE	SY	7500	$21.30	$159,750.00	7500	$159,750.00
9	9" PCCP	SY	7500	$60.00	$450,000.00	7500	$450,000.00
10	SIGNS & BARRICADES	LS	1	$500.00	$500.00	1	$500.00
11	REPLACE BOLLARDS	EA	32	$500.00	$16,000.00	32	$16,000.00
12	RELOCATION OF INFRASTRUCTURE	LS	1	$50,000.00	$50,000.00	1	$50,000.00
13	LIFT STATION	LS	1	$105,000.00	$105,000.00	1	$105,000.00
14	SEWER MANHOLE	EA	3	$2,500.00	$7,500.00	3	$7,500.00
15	8" PVC SEWERLINE	LF	300	$162.00	$48,600.00	300	$48,600.00
16	Additional Paving per Change Order #1	LS	0	$76,612.00	$0.00	1	$76,612.00
					$1,117,000.00		$1,204,952.00
		CHANGE ORDER			$87,952.00		

PCO No. 3 - Cut and Demo Area A

SPEC SECTION :
DRAWING & DETAIL NO :

DATE: 6/20/2014
JOB NO. 2030
JOB NAME St. Bernard Main Yard

PMR #

DESCRIPTION	LABOR CODES	LABOR HOURS	LABOR RATE	LABOR TOTAL	EQUIPMENT CODES	EQUIPMENT DAYS/HRS	EQUIPMENT RATE	EQUIPMENT TOTAL	MATERIALS CODES	MATERIALS QUAN	MATERIALS UNITS	MATERIALS UNIT COST	MATERIALS TOTAL	SUB
LABOR				$0.00										
Superintendent		70.00	$50.00	$3,500.00										
Foreman		70.00	$28.00	$1,960.00										
Operator		70.00	$25.00	$1,750.00										
Operator		70.00	$25.00	$1,750.00										
Laborer		70.00	$18.00	$1,260.00										
Laborer		70.00	$18.00	$1,260.00										
EQUIPMENT														
Excavator						7	$750.00	$5,250.00						
Breaker						7	$325.00	$2,275.00						
Skid Steer						7	$575.00	$4,025.00						
								$0.00						
Diesel Fuel (140 Gallons/Day Total Consumption)										980	gallons	3.97	$3,890.60	
Triaxle Dump Truck						7	$875.00	$6,125.00						
								$0.00						
								$0.00						
								$0.00						
MATERIAL														
		TOTAL LABOR		$11,480.00		TOTAL EQUIPMENT		$17,675		TOTAL MATERIALS			$3,890.60	TOT SUB $0.00

NOTE:

TOTAL LABOR	$11,480.00
TAXES/INSUR(LABOR)49.08%	$5,634.38
TOTAL MATERIAL	$3,890.60
SALES TAX EXEMPT	$0.00
TOTAL EQUIPMENT	$17,675.00
OH&P(LAB, MAT, & EQUIP)-15%	$5,802.00
TOTAL SUBS	$0.00
OH&P(SUBS)-10%	$0.00
SUB TOTAL	$44,481.98
Bond 2%	$889.64
TOTAL	**$45,372**

PCO No. 4 - Cut and Demo Area B

SPEC SECTION :
DRAWING & DETAIL NO :

DATE: 6/20/2014
JOB NO. 2030
JOB NAME St. Bernard Main Yard

PMR #

DESCRIPTION	LABOR CODES	LABOR HOURS	LABOR RATE	LABOR TOTAL	EQUIPMENT CODES	EQUIPMENT DAYS/HRS	EQUIPMENT RATE	EQUIPMENT TOTAL	MATERIALS CODES	MATERIALS QUAN	MATERIALS UNITS	MATERIALS UNIT COST	MATERIALS TOTAL	SUB
LABOR				$0.00										
Superintendent		10.00	$50.00	$500.00										
Foreman		10.00	$28.00	$280.00										
Operator		10.00	$25.00	$250.00										
Operator		10.00	$25.00	$250.00										
Laborer		10.00	$18.00	$180.00										
Laborer		10.00	$18.00	$180.00										
EQUIPMENT														
Excavator						1	$750.00	$750.00						
Breaker						1	$325.00	$325.00						
Skid Steer						1	$575.00	$575.00						
								$0.00						
Diesel Fuel (140 Gallons/Day Total Consumption)										140	gallons	3.97	$555.80	
Triaxle Dump Truck						1	$875.00	$875.00						
								$0.00						
								$0.00						
								$0.00						
MATERIAL														
		TOTAL LABOR		$1,640.00		TOTAL EQUIPMENT		$2,525		TOTAL MATERIALS			$555.80	TOT SUB $0.00

NOTE:

TOTAL LABOR	$1,640.00
TAXES/INSUR(LABOR)49.08%	$804.91
TOTAL MATERIAL	$555.80
SALES TAX EXEMPT	$0.00
TOTAL EQUIPMENT	$2,525.00
OH&P(LAB, MAT & EQUIP)-15%	$828.86
TOTAL SUBS	$0.00
OH&P(SUBS)-10%	$0.00
SUB TOTAL	$6,354.57
Bond 2%	$127.09
TOTAL	**$6,482**

PCO No. 5- Cut and Demo Area C

SPEC SECTION :
DRAWING & DETAIL NO.:

DATE: 6/20/2014
JOB NO. 2030
JOB NAME St. Bernard Main Yard

PMR #

DESCRIPTION	LABOR CODES	LABOR HOURS	LABOR RATE	LABOR TOTAL	EQUIPMENT CODES	EQUIPMENT DAYS/HRS	EQUIPMENT RATE	EQUIPMENT TOTAL	MATERIALS CODES	MATERIALS QUAN	MATERIALS UNITS	MATERIALS UNIT COST	MATERIALS TOTAL	SUB
LABOR				$0.00										
Superintendent		7.00	$50.00	$350.00										
Foreman		7.00	$28.00	$196.00										
Operator		7.00	$25.00	$175.00										
Operator		7.00	$25.00	$175.00										
Laborer		7.00	$18.00	$126.00										
Laborer		7.00	$18.00	$126.00										
EQUIPMENT														
Excavator						1	$750.00	$750.00						
Breaker						1	$325.00	$325.00						
Skid Steer						1	$575.00	$575.00						
								$0.00						
Diesel Fuel (140 Gallons/Day Total Consumption)										140	gallons	3.97	$555.80	
Triaxle Dump Truck						1	$612.50	$612.50						
								$0.00						
								$0.00						
								$0.00						
MATERIAL														
		TOTAL LABOR		$1,148.00		TOTAL EQUIPMENT		$2,263		TOTAL MATERIALS			$555.80	TOT SUB $0.00

NOTE:

TOTAL LABOR	$1,148.00
TAXES/INSUR(LABOR)49.08%	$563.44
TOTAL MATERIAL	$555.80
SALES TAX EXEMPT	$0.00
TOTAL EQUIPMENT	$2,262.50
OH&P(LAB, MAT, & EQUIP)-15%	$679.46
TOTAL SUBS	$0.00
OH&P(SUBS)-10%	$0.00
SUB TOTAL	$5,209.20
Bond 2%	$104.18
TOTAL	$5,313

PCO No. 6 - Cut and Demo Area D

SPEC SECTION :
DRAWING & DETAIL NO. :

DATE: 6/20/2014
JOB NO. 2030
JOB NAME St. Bernard Main Yard

PMR #

DESCRIPTION	LABOR CODES	LABOR HOURS	LABOR RATE	LABOR TOTAL	EQUIPMENT CODES	EQUIPMENT DAYS/HRS	EQUIPMENT RATE	EQUIPMENT TOTAL	MATERIALS CODES	MATERIALS QUAN	MATERIALS UNITS	MATERIALS UNIT COST	MATERIALS TOTAL	SUB
LABOR				$0.00										
Superintendent		30.00	$50.00	$1,500.00										
Foreman		30.00	$28.00	$840.00										
Operator		30.00	$25.00	$750.00										
Operator		30.00	$25.00	$750.00										
Laborer		30.00	$18.00	$540.00										
Laborer		30.00	$18.00	$540.00										
EQUIPMENT														
Excavator						3	$750.00	$2,250.00						
Breaker						3	$325.00	$975.00						
Skid Steer						3	$575.00	$1,725.00						
								$0.00						
Diesel Fuel (140 Gallons/Day Total Consumption)										420	gallons	3.97	$1,667.40	
Triaxle Dump Truck						3	$875.00	$2,625.00						
								$0.00						
								$0.00						
								$0.00						
MATERIAL														
		TOTAL LABOR		$4,920.00		TOTAL EQUIPMENT		$7,575		TOTAL MATERIALS			$1,667.40	TOT SUB $0.00

NOTE:

TOTAL LABOR	$4,920.00
TAXES/INSUR(LABOR)49.08%	$2,414.74
TOTAL MATERIAL	$1,667.40
SALES TAX EXEMPT	$0.00
TOTAL EQUIPMENT	$7,575.00
OH&P(LAB. MAT. & EQUIP)-15%	$2,486.57
TOTAL SUBS	$0.00
OH&P(SUBS)-10%	$0.00
SUB TOTAL	$19,063.71
Bond 2%	$381.27
TOTAL	**$19,445**

St Bernard Main Yard
Proposed Change Order Analysis

2012 Means Labor Rates

Supertendant	$	77.05
Forman	$	77.05
Operator Shovel	$	75.50
Operator Medium	$	73.50
Laborer	$	57.55
Laborer	$	57.55
	$	418.20

Description	Code	
Final Working Drawing Allowances	01 21 16.50 0150	8%
Cut and Patch to match Existing Cost adjustment	01 21 53.50 0500	3%
Dust Protection Cost Adjustment	01 21 53.50 0800	2%
Equipment usage curtailment Cost Adjustment	01 21 53.50 1100	1%
Protection of Existing Work Cost Adjustnent	01 21 53.50 1700	2%
Temp. Shoring and Bracing Cost Adjustment	01 21 53.50 2300	5%
		21%

Total labor rate $/hr $ 506.02

2013 Means Equipment Rates.

Description	Code	
3/4 Yd Excavator	01 54 33.20 0140	$ 647.20
Breaker Attachment	01 54 33.20 0347	$ 364.60
16 ton Dump truck	01 54 33.20 5300	$ 584.60
Skid steer (diesel)	01 54 33.20 4890	$ 281.20
Broom attatchment	01 54 33.20 4894	$ 80.10
Fork attatchment	01 54 33.20 4895	$ 26.60
Concrete Hammer attatchment	01 54 33.20 4897	$ 116.25
		$ 2,100.55

Description	Code	
Final Working Drawing Allowances	01 21 16.50 0150	8%
Cut and Patch to match Existing Cost adjustment	01 21 53.50 0500	3%
Dust Protection Cost Adjustment	01 21 53.50 0800	2%
Equipment usage curtailment Cost Adjustment	01 21 53.50 1100	1%
Protection of Existing Work Cost Adjustnent	01 21 53.50 1700	2%
Temp. Shoring and Bracing Cost Adjustment	01 21 53.50 2300	5%
		21%

Total Equipment rate $/hr $ 2,541.67

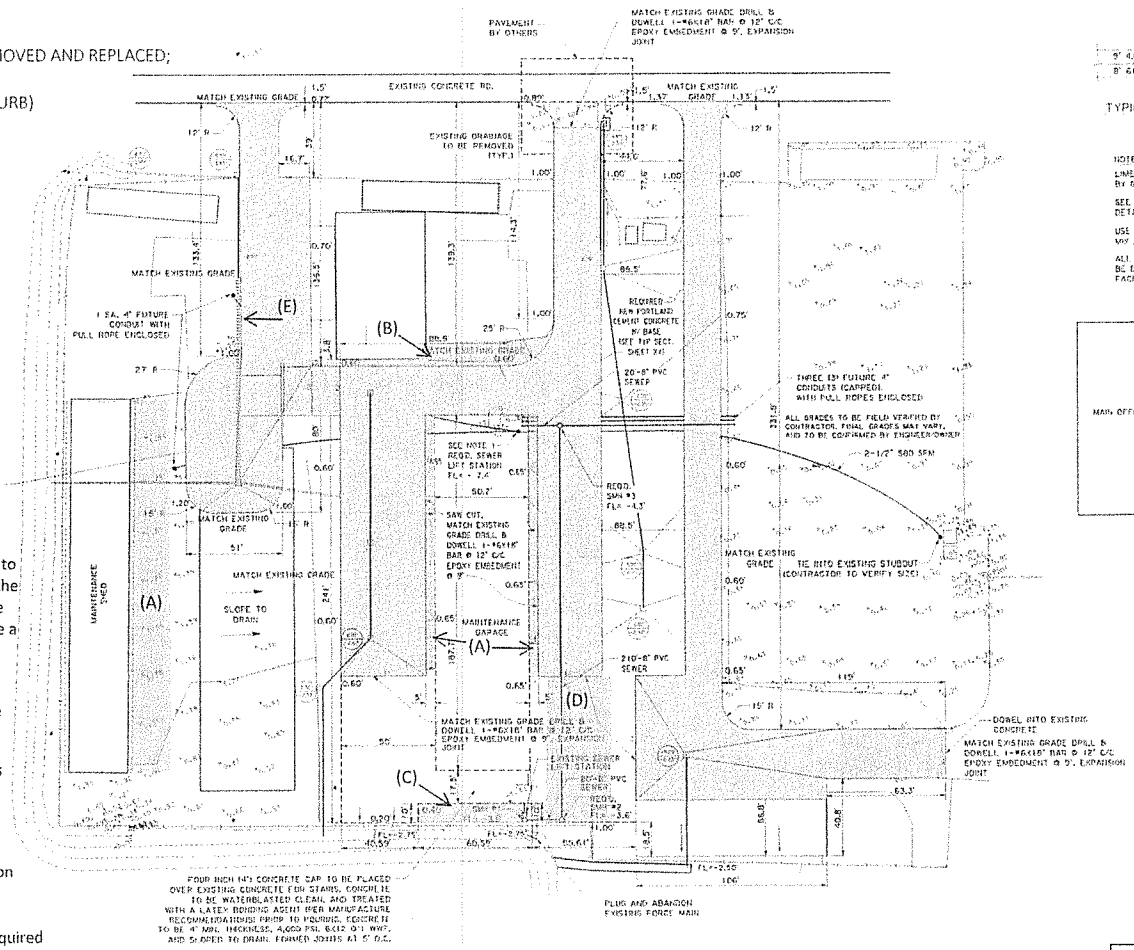
	Proposed Cost	Means Estimate
Cut & Demo Area A	$ 45,372.00	$ 53,213.20
Cut & Demo Area B	$ 6,842.00	$ 7,601.89
Cut & Demo Area C	$ 5,313.00	$ 6,083.82
Cut & Demo Area D	$ 19,445.00	$ 22,805.66
	$ 76,972.00	$ 89,704.56

PROPOSED CHANGES TO THE IMPROVED PROJECT SCOPE
MAIN YARD SITE WORK, PW 19795

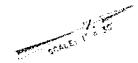
ORANGE SHADED AREAS:
PROPOSED ADDITIONAL PAVEMENT TO BE REMOVED AND REPLACED;
1120 SQUARE YARDS +/-
(INCLUDES 65 LINEAR FEET OF NEW BARRIER CURB)

GREEN DOTTED LINE:
PROPOSED ADDITIONAL 18" DRAIN LINE TO BE INSTALLED; 105 LINEAR FEET +/-

PARISH	SHEET NO.
ST. BERNARD	4



TYPICAL SECTION



NOTES:
LIMESTONE TO BE ENCAPSULATED BY GEOFABRICS
SEE SHEET 10 FOR TYPICAL PAVING DETAILS
USE PARISH APPROVED CONCRETE MIX, NO SLAG AND NO FLY ASH
ALL SOIL TO BE REMOVED SHALL BE DISPOSED OF AT A LICENSED FACILITY AS PER SPECIFICATIONS

NOTE 1:
CONTRACTOR TO ABANDON EXISTING DRAIN FIELD IN PLACE (IE CAP PIPE OR PLUG WITH NON SHRINK GROUT). INSTALL WEMCO MODEL 352 PUMP, 5HP AIR FILLED MOTOR WITH 30'# FIBERGLASS RADIN WELL, S.S. LIFTING CHAIN, NEMA 3R SIMPLEX PANEL, 200V, 3PH PACKAGED SEWER SYSTEM WITH 2-1/2" SDR PVC SEWER FORCE MAIN. TIE EXISTING SEWER CLEANOUT INTO WETWELL. ADD SEM INTO FUTURE STUBOUT AT EXISTING SEWER LIFT STATION. TAP EXISTING SEWER PER ALL EXISTING REGULATIONS AND AS PER PARISH REQUIREMENTS.

NOTES:

(A): The areas along the buildings are being added to ensure positive drainage is achieved and to avoid the potential of water ponding. It is best to replace the pavement up to the building foundations to ensure a continuous slope away from the buildings.

(B): Due to existing conditions, the new pavement limits are being extended here to best match grade without creating a low spot for ponding.

(C): This area is being added to the pavement limits to better facilitate vehicle access. The existing curb is to be extended at this location, approx. 65 LF.

(D): This area is being added so the pavement can be replaced properly, joint to joint, upon completion of the sewer line installation at this location.

(E): New 18" drain line, approximately 105 LF, is required because the existing line (highlighted red) is too badly damaged to facilitate flow from this catch basin. The existing damaged line will be abandoned and capped, and this new line will redirect the flow west.

ST. BERNARD PARISH
MAIN YARD SITE WORK
PROPOSED - SITE PLAN

SHREAD - KINNEBROUGH & ASSOC.
ENGINEERS - SURVEYORS - PLANNERS
BATON ROUGE, LOUISIANA

REVISIONS