ADDENDUM NO. 2 TO PLANS AND CONTRACT DOCUMENTS

FOR

Franklin Canal Flood Protection System Phase II Pump Station TV-52

St. Mary Parish



STATE OF LOUISIANA COASTAL PROTECTION AND RESTORATION AUTHORITY

March 14, 2014

Franklin Canal Flood Protection System Phase II Pump Station (TV-52)

This addendum shall be considered part of the Plans, Specifications, and Contract Documents (except as noted otherwise) and is issued to change, amplify, or delete from or otherwise explain these documents where provisions of this addendum differ from those of the original documents. This addendum shall have precedence over the original documents and shall govern.

I. Responses to Questions Submitted by Contractors:

Contractor Question/Comment (1): We are currently seeking information relative to the intake design of the pump station. Per the drawings there is a 48" bell clearance indicated. The typical clearance per HI Stds. is 0.3 to 0.5 bell diameter and this clearance seems excessive. Can we find out if the intake was ever model tested? If not, how did it perform in the past since this appears to be an existing station? If this is an existing station, did the original pumps operate satisfactorily installed as shown?

<u>CPRA Response (1)</u>: The 48" bell clearance will remain as indicated. The intake was not model tested and this is not an existing station.

Contractor Question/Comment (2): In accordance with the Instructions to bidders Article 4, item 4.3.2, Patterson Pump Company is requesting consideration to give to our offering an equal item. We respectfully request approval as an equal manufacturer to bid the Vertical Axial Flow Pumps for this project. Our proposed pump can be manufactured in the same materials as specified and provide somewhat higher efficiency than specified. There would be no changes required to the specifications that we have been able to identify. I have attached documentation for our proposed selection for review which, we believe, will demonstrate our product is not just an equal, but in some ways exceeds the specification requirements. This is particularly true in bowl efficiency as is clearly indicated. I have also included documentation to verify our manufacturing capabilities, etc. Patterson Pump Company is a major supplier of pumps for Flood Control and Drainage applications having many pumps installed throughout LA and around the country. Patterson Pump Company is ISO 9001 and ISO 14001 certified and operates utilizing the highest standards for quality control. Patterson Pump Company manufactures pumps for this type of application ranging from 1800gpm to over 800,000 gpm. We have the ability to perform certified test on pumps up to approximately 100,000 gpm on our test well and offer scale model testing for larger units. Patterson Pump Company is known worldwide as a top quality supplier of Pumps for other applications as well including Water-WasteWater, Fire Protection, HVAC, and Packaged Pump Station Systems for both Water-WasteWater and Fire Pump Applications.

<u>CPRA Response (2)</u>: The requirement of a Cascade Model 48AP or approved equal is being removed from the specifications. See Section II "Revisions to Specifications". It is the contractor's responsibility to ensure the proposed pump system meets the requirements of the specifications.

Note: The engine, pump, and component specifications as described in the specifications were designed as a system to produce the pumping capacities as described in Section 43 21 40, 2.1.2 "Pump Characteristics". If the contractor chooses to use other engines, pumps or components other than those specified it is their responsibility to assure that the system works to produce the pumping capacities in section 43 21 40, 2.1.2 "Pump Characteristics".

Franklin Canal Flood Protection System Phase II Pump Station (TV-52)

Contractor Question/Comment (3): I was reading the specifications on the Bowl Assembly and saw that the impellers and bowl components cannot be fabricated. Who can I talk to about maybe seeing the bowl assembly being fabricated and not cast iron? If possible I would like to set up a conference call on Friday February 28th 2013. I know that in the past we have used a fabricated bowl with our Creel Pumps which St. Charles Parish and Terrebonne are satisfied with.

<u>CPRA Response (3)</u>: With respect to the requested conference call, all questions will be handled in writing. Impellers and bowl assembly cannot be fabricated.

Contractor Question/Comment (4): Will 100% import products be allowed on this project?

CPRA Response (4): Yes, 100% import products will be allowed on this project.

Contractor Question/Comment (5): Referencing the ¾" diameter Pipe x 2-1/2" Spacers. We would like to request if it would be allowed to CNC Cut or Drill holes through each flat bar and use a continuous round bar shaft of 1" or 1-1/4" Diameter to span the width of the screen assembly instead of placing individual 2-1/2" Spacers. The screens will be fully jigged throughout the welding process to assure accuracy and repeatability with the screens to allow for ease of installation.

<u>CPRA Response (5)</u>: The described alternative method with a 1" round bar is acceptable as long as it is welded to each flat bar on both sides around the entire circumference. However, shop drawings will need to be submitted for Engineer's approval prior to fabrication.

<u>Contractor Question/Comment (6)</u>: Referencing the Drill and tapped round stock for the bolting of screens together. We would like to request that the spacer be drilled through and one continuous bolt be used with lock washers and nut to securely fasten the 2 screens together. This will not affect the drilled or punched holes in the screen flat bar or the actual spacing between screen panels.

<u>CPRA Response (6):</u> The above referenced request is not acceptable.

<u>Contractor Question/Comment (7)</u>: The Articulated Concrete Block Revetment isn't until after the piles are driven. This will be difficult because the mats are to be tied together at 5 foot intervals. Question: Is it acceptable to place these mats underwater and use divers to tie mats together at 5' intervals? (S-10)

CPRA Response (7): Yes, divers will be allowed to tie the mats together.

Contractor Question/Comment (8): The drawings show the mat fitting the bellies of the existing sheet pile. This will also be difficult because it will be under water (unless you plan to dewater) and also because the mats will be going over the precast pile and tied together. Even if this work was above water, there would be a lot of broken blocks. Question: Can the mats be placed up against the near face of the sheet pile? (S-10)

CPRA Response (8): Yes, mats can be placed against the face of the sheet pile.

Contractor Question/Comment (9): Drawing S-008 details the precast deck. There are two details for pinning the deck sections to the caps. I took off the detail with the all-thread, nut and washer. The

Franklin Canal Flood Protection System Phase II Pump Station (TV-52)

dowels would be easier and cheaper. Also on that drawing it shows one inch expansion joints but only ½" expansion joint material. Question: What is the correct detail for the tie downs and shouldn't 1" expansion material be used?

<u>CPRA Response (9)</u>: On sheet S-008, references to section C, notes 2 and 3 shall be removed. Dowel connections as per detail "Section-Slab to cap beam connection at drop dowels", sheet S-008 shall be used. See Section III "Revisions to Plans". On section/detail 1, Sheet S-008, 1" expansion material should be used.

<u>Contractor Question/Comment (10)</u>: Gas line to be installed by owner and connected to pump station by Contractor. Is this correct?

<u>CPRA Response (10)</u>: Yes, the gas line will be installed by the owner to the beginning of the walkway (end of existing sheet pile on the western bank) and must be connected by the contractor from there to the pump station as per Specification section 33 11 23 "Gas Line".

Contractor Question/Comment (11): Do you have a quantity of RipRap placement?

<u>CPRA Response (11):</u> Approximately 400 tons of RipRap is to be placed at the direction of the engineer around the protected side proposed discharge support piles.

Contractor Question/Comment (12): Are sheet pile for articulated mats existing?

CPRA Response (12): Yes, the sheet pile surrounding the pump intake basin is existing.

Contractor Question/Comment (13): Can 45 degree bends be fabricated?

CPRA Response (13): Yes, the 45 degree bends in the discharge pipes can be fabricated.

<u>Contractor Question/Comment (14):</u> are the existing pile tops at or above the required cut off or do they have to be extended?

<u>CPRA Response (14):</u> Yes, the existing pile tops are at or above the required cut off. Extensions are not anticipated.

<u>Contractor Question/Comment (15):</u> Could you give me the tip elevations and the batter for the existing pile that need to be located in the preconstruction survey?

CPRA Response (15): Design Batter and Tip elevations are as follows:

		Existing Pil	e Schedule		
Pile (Floodgate Design Designation)	Pile (Pump Station Designation)	Pile Tip Elev.	Pile Cut-Off Elev.	Pile Length (FT.)	Style
A-19	BL107	-90.0	+5.0	101.21	BATTERED*
C-19	BR107	-90.0	+5.0	101.21	BATTERED*

ADDENDUM NO. 2 Franklin Canal Flood Protection System Phase II Pump Station (TV-52)

BU107	-90.0	+5.0	101.21	BATTERED*
BV107	-90.0	+5.0	101.21	BATTERED*
BX107	-90.0	+5.0	101.21	BATTERED*
BY107	-90.0	+5.0	101.21	BATTERED*
CA107	-90,0	+5.0	101.21	BATTERED*
CB106	-65.0	+9.5	74.5	VERTICAL
CB108	-66.0	+9.5	90.75	BATTERED**
BA105	-65.0	+5.0	70.0	VERTICAL
BC100	-65.0	+5.0	70.0	VERTICAL
BE101	-65.0	+5.0	70.0	VERTICAL
BF105	-65.0	+5.0	70.0	VERTICAL
BH102	-65.0	+5.0	70.0	VERTICAL
BJ103	-65.0	+5.0	70.0	VERTICAL
BL105	-65.0	+5.0	70.0	VERTICAL
BN104	-65.0	+5.0	70.0	VERTICAL
BQ105	-65.0	+5.0	70.0	VERTICAL
BT104	-65.0	+5.0	70.0	VERTICAL
	BV107 BX107 BY107 CA107 CA107 CB106 CB108 BA105 BC100 BE101 BF105 BH102 BJ103 BL105 BN104 BQ105	BV107 -90.0 BX107 -90.0 BY107 -90.0 CA107 -90.0 CB106 -65.0 CB108 -66.0 BA105 -65.0 BC100 -65.0 BF105 -65.0 BH102 -65.0 BJ103 -65.0 BL105 -65.0 BN104 -65.0 BQ105 -65.0	BV107 -90.0 +5.0 BX107 -90.0 +5.0 BY107 -90.0 +5.0 CA107 -90.0 +5.0 CB106 -65.0 +9.5 CB108 -66.0 +9.5 BA105 -65.0 +5.0 BC100 -65.0 +5.0 BE101 -65.0 +5.0 BF105 -65.0 +5.0 BH102 -65.0 +5.0 BJ103 -65.0 +5.0 BN104 -65.0 +5.0 BQ105 -65.0 +5.0	BV107 -90.0 +5.0 101.21 BX107 -90.0 +5.0 101.21 BY107 -90.0 +5.0 101.21 CA107 -90.0 +5.0 101.21 CB106 -65.0 +9.5 74.5 CB108 -66.0 +9.5 90.75 BA105 -65.0 +5.0 70.0 BC100 -65.0 +5.0 70.0 BF101 -65.0 +5.0 70.0 BF105 -65.0 +5.0 70.0 BH102 -65.0 +5.0 70.0 BJ103 -65.0 +5.0 70.0 BN104 -65.0 +5.0 70.0 BQ105 -65.0 +5.0 70.0

^{*}BATTERED PILE SLOPE = 2V:1H

Note: As per specifications the contractor is to verify the location of the existing piles. Actual location and batter may differ from table.

Contractor Question/Comment (16): Bid item No. 21 for Floodside Pipe Supports in the Base Bid call for both Pile Cap detail 2 and 3 placement of the MC18 x 42.7 channel to be included in this item, however, the four pipe pile for Pile Cap 2 detail are in Alternate no. 1. How is this to be bid?

<u>CPRA Response (16)</u>: The flood side pile caps (1, 2, and 3) are included in the base bid as per Sheet S-014.

Contractor Question/Comment (17): Drawing S-016, please clarify connection detail @ elev -8 for the trash screen connection. Will a bolted connection be allowed?

CPRA Response (17): No change to the detail will be permitted.

^{**}BATTERED PILE SLOPE = 1.5V:1H

Franklin Canal Flood Protection System Phase II Pump Station (TV-52)

<u>Contractor Question/Comment (18):</u> Please provide connection details where trash screen meets existing sheetpile wall.

<u>CPRA Response (18)</u>: The contractor is to provide connection detail based on pre-construction survey and field fit.

<u>Contractor Question/Comment (19):</u> We have received this question from an alternate engine supplier:

a. What regulations does the engine have to meet? ALL of the Natural Gas engines that we have are "not certified" or state they are NSPS capable. From my understanding, all of our Natural Gas engines have to be site emissions certified which is the responsibility of the customer. We need some directions about this. We also need to know the Horsepower and RPM's?

<u>CPRA Response (19)</u>: The contractor is responsible for supplying a complete engine and pump system with components that work together according to the specifications. Please refer to Specification 43 21 40 section 2.3.5.4.3.

Note: The engine, pump, and component specifications as described in the specifications were designed as a system to produce the pumping capacities as described in Section 43 21 40, 2.1.2 "Pump Characteristics". If the contractor chooses to use other engines, pumps or components other than those specified it is their responsibility to assure that the system works to produce the pumping capacities in section 43 21 40, 2.1.2 "Pump Characteristics".

Contractor Question/Comment (20): Drawing G-004, General Notes #1 states, "Gas line shall be installed by owner, contractor shall verify meter location prior to beginning work." Are we to assume that this note refers only to the gas line shown on this sheet, and nowhere else on the drawing?

<u>CPRA Response (20)</u>: The gas line will be installed by the owner to the beginning of the walkway (end of existing sheet pile on the western bank) and must be connected by the contractor from there to the pump station.

Contractor Question/Comment (21): Drawing C-003 shows a depiction of where the gas line will run, and I assume it is running from the generator. Please provide details/drawings of connections, connection points, procedures, types of pipe, elevations, etc... for the gas line. Is this gas line to run underground? If so, at what lengths and what depths? Please provide a detailed scope as to what costs are to be included in this pay item?

<u>CPRA Response (21)</u>: The gas line will be installed by the owner to the beginning of the walkway (end of existing sheet pile on the western bank) and must be connected by the contractor from there to the pump station. Please refer to Specification 33 11 23 for gas line specifications.

Contractor Question/Comment (22): Plan page C-003 indicates the articulated concrete under all four discharge pipes are by others. Plan page S-003 indicates approximately 1,342 square feet of concrete articulated mats are required under the foot print of the new pump station which matches pay item 8

Franklin Canal Flood Protection System Phase II Pump Station (TV-52)

of the base bid. Alternate 1 pay item 30 list an additional 525 square feet of articulated concrete block revetment. Where is this additional 525 square feet of articulated concrete block revetment to be installed? Or does the base bid quantity need to be revised and pay item 30 will only be added if alternate is awarded? Please provide connection details where trash screen meets existing sheet pile wall.

<u>CPRA Response (22)</u>: In reference to the trash screen and sheet pile connection, the contractor is to provide connection detail based on pre-construction survey and field fit. The 525' of ACB is located under the additional pump station sump area (Alternate 1). Please see revised bid form attached and referenced in section II below.

<u>Contractor Question/Comment (23)</u>: A couple of piling suppliers are asking why 16 strands of cable are shown instead of the standard 12 strands on plan page S-004.

<u>CPRA Response (23):</u> No change will be accepted.

<u>Contractor Question/Comment (24):</u> In taking off Alternate No. 1 I noticed that there is no bid item for Natural Gas Supply. Where should this be placed in the ALT. 1 BID?

<u>CPRA Response (24):</u> No additional gas line for Alt. 1 will be added. Alt. 1 does not include additional pumps.

II. Revisions to Specifications:

A. In specification 43 21 40 Section 2.1.1 the entire paragraph shall be deleted and replaced with the following:

"Pumps shall be vertical axial flow type."

B. Specification 40 05 13 - Discharge Piping System

Remove and replace Paragraph 2.1 MATERIALS AND EQUIPMENT with the following:

Provide piping materials and appurtenances as specified and as shown on the drawings, and suitable for the service intended. Piping materials, appurtenances, and equipment supplied as part of this contract shall be of equal material and ratings as the connecting pipe, new and unused except for testing equipment. Components that serve the same function and are the same size shall be identical products of the same manufacturer. The general materials to be used for the piping systems shall be either ASTM A 53/A 53M, Grade B, Type S, AWWA C200, or API-5L DSAW. Pipe fittings shall be compatible with the applicable pipe materials.

Remove and replace Paragraph 2.2.1.1 General Service with the following:

Carbon steel pipe shall meet the requirements of either ASTM A 53/A 53M seamless,

Franklin Canal Flood Protection System Phase II Pump Station (TV-52)

Grade B, AWWA C200, or API-5L DSAW. Wall thickness shall be 0.375 inches in accordance with ASME B36.10M.

- C. Bid Form will be replaced with the attached
- D. Specification 10 14 01 Exterior Signage will be added as attached
- E. Remove and replace Appendix C Federal Wage Determination.

III. Revision to Plans (revised sheets attached):

- A. Sheet S-008—delete references to Section C. Notes 2 and 3 shall be removed.
- B. Sheet G-002—Quantities/Item Nos. to be edited as follows:

v		Description	Quantity	Unit
1.	Delete Bid Item 3	Limestone Surface Course	145	CY
2.	Insert Bid Item 3	Exterior Signage	2	EA
3.	Change Bid Item 4	Geotextile Separator	244	SY
4.	Change Bid Item 8	Articulated Concrete Block Revetment	637	SF

IV. Additional Clarifications:

N/A

LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO:	Facility Planning and Control	BID FOR: Franklin Canal
	Post Office Box 94095	Flood Protection System
	Claiborne Building	Phase II
	Baton Rouge, LA 70804	Pump Station
	(Owner to provide name and address of owner)	(Owner to provide name of project and other identifying information)
Docum addend applian comple and da	nents, b) has not received, relied on, or based his da, c) has personally inspected and is familiar with nees and facilities as required to perform, in a	ts that she/he; a) has carefully examined and understands the Bidding bid on any verbal instructions contrary to the Bidding Documents or any a the project site, and hereby proposes to provide all labor, materials, tools, workmanlike manner, all work and services for the construction and since with the Bidding Documents prepared by: CB&I
Bidder	rs must acknowledge all addenda. The Bidder a	cknowledges receipt of the following ADDENDA: (Enter the number the
Design	er has assigned to each of the addenda that the Bidder is	acknowledging)
	AL BASE BID: For all work required by the but not alternates) the sum of:	Bidding Documents (including any and all unit prices designated "Base
design	nated as alternates in the unit price description. nate No. 1 (Pump Station and Appurtenances, Add) for the	the Bidding Documents for Alternates including any and all unit prices lump sum of:
Alterr	ate No. 2 (Pump Station and Appurtenances, Add) for the	lump sum of:
		Dollars (\$)
Alteri	nate No. 3 (Pump Station and Appurtenances, Add) for the	
	,	
NAM	E OF BIDDER:	
ADDI	RESS OF BIDDER:	
LOUI	SIANA CONTRACTOR'S LICENSE NUMB	ER:
NAM	E OF AUTHORIZED SIGNATORY OF BIDI	DER:
TITL	E OF AUTHORIZED SIGNATORY OF BIDI	DER:
	ATURE OF AUTHORIZED SIGNATORY O	F BIDDER **:
DATI	E:	

- * The <u>Unit Price Form</u> shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.
- ** If someone other than a corporate officer signs for the Bidder/Contractor, a copy of a corporate resolution or other signature authorization shall be required for submission of bid. Failure to include a copy of the appropriate signature authorization, if required, may result in the rejection of the bid unless bidder has complied with La. R.S. 38:2212(A)(1)(c) or RS 38:2212(O).

BID SECURITY in the form of a bid bond, certified check or cashier's check as prescribed by LA RS 38:2218.A is attached to and made a part of this bid.

BID FOR: Franklin Canal	Flood Protection System	Phase II	Pump Station	(Owner to provide name of project and other identifying information)
O: Facility Planning and Control	Post Office Box 94095	Claiborne Building	Baton Rouge, LA 70804	(Owner to provide name and address of owner)

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

	UNIT PRICE EXTENSION (Quantity times Unit Price)			UNIT PRICE EXTENSION (Quantity times Unit Price)			UNIT PRICE EXTENSION (Quantity times Unit Price)			UNIT PRICE EXTENSION (Quantity times Unit Price)			UNIT PRICE EXTENSION (Quantity times Unit Price)			UNIT PRICE EXTENSION (Quantity times Unit Price)			UNIT PRICE EXTENSION (Quantity times Unit Price)			UNIT PRICE EXTENSION (Quantity times Unit Price)	
Demobilization	UNIT PRICE			UNIT PRICE		0	UNIT PRICE		rator	UNIT PRICE		Pencing	UNITPRICE		18" Square Precast Prestressed Concrete (PPC) Piles	UNIT PRICE		iameter Steel Pipe Piles	UNITPRICE		Articulated Concrete Block Revetment	UNITPRICE	
or □ Alt.# Mobilization & Demobilization	Y: UNIT OF MEASURE:	Lump Sum	or 🗆 Alt.# Surveying		Lump Sum	or □ Alt.# Exterior Signage	T OF ME.	Each	or □ Alt.# Geotextile Separator	잍	Square Yard	Alt # Temporary Silt Fencing					Linear Foot	■ Base Bid or □ Alt.# 12" Diameter St	ry: Unit of Measure:	Linear Foot	■ Base Bid or □ Alt # Articulated Con	 2	Square Foot
■ Base Bid or □ Alt#	QUANTITY:	1	■ Base Bid or □ Alt.#	10.00	-	■ Base Bid or □ Alt.#	QUANTITY:	2	■ Base Bid or □ Alt.#	A (0)	244	■ Base Bid or □ Alt#	12.50	620	■ Base Bid or □ Alt.#	1 1,41	841	■ Base Bid	QUANTITY:	144	L_	100000	637
DESCRIPTION:	REF. NO.		DESCRIPTION:	REF. NO.	2	DESCRIPTION	REF. NO.	ĸ	DESCRIPTION:	REF. NO.	4	DESCEIDTION	REF. NO.	5	DESCRIPTION:	REF NO.	9	DESCRIPTION:	REF NO.	7	DESCRIPTION:	REF. NO.	∞

BID FOR: Franklin Canal	Flood Protection System	Phase II	Pump Station	(Owner to provide name of project and other identifying information)
TO: Facility Planning and Control	Post Office Box 94095	Claiborne Building	Baton Rouge, L.A 70804	(Owner to provide name and address of owner).

nly in figures.

DESCRIPTION: ■ Base Bid or □ Alt# □ Precast Concrete Capsills UNIT OF MEASURE: UNIT OF MEASURE: 9 3 Each UNIT OF MEASURE: UNIT OF MEASURE: 10 A50 Square Foot UNIT OF MEASURE: UNIT PRICE 10 450 Square Foot UNIT OF MEASURE: UNIT PRICE 11 276 Square Foot UNIT OF MEASURE: UNIT PRICE 12 1 Lump Sum UNIT OF MEASURE: UNIT PRICE 12 1 Lump Sum UNIT PRICE 13 1 Lump Sum UNIT PRICE 13 1 Lump Sum UNIT PRICE 14 1 Lump Sum UNIT OF MEASURE: UNIT PRICE 15 46 Lump Sum UNIT OF MEASURE: UNIT PRICE 15 46 Linear Foot UNIT OF MEASURE: UNIT PRICE 15 46 Linear Foot UNIT OF MEASURE: UNIT OF MEASURE: 15 46 Linear Foot UNIT OF MEASURE: UNIT OF MEASURE: 15	(Owner to provide name and address of owner) UNIT PRICES: This form shall be used for any and	(Owner to provide name of project and other identifying information) all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only
QUANTITY: UNIT OF MEASURE:	■ Base Bid or □ Alt.#	
3 Each ■ Base Bid or Alt# Precast Concrete Deck, 10.5" QUANTITY:	QUANTITY:	
Base Bid or □ Alt# Precast Concrete Deck, 10.5" QUANTITY: UNIT OF MEASURE: QUANTITY: UNIT OF MEASURE: DUANTITY: UNIT OF MEASURE: DUA		
QUANTITY: UNIT OF MEASURE:	■ Base Bid or □ Alt.#	ast Concrete Deck, 10.5"
450 Square Foot ■ Base Bid or □ Alt.# Precast Concrete Deck, 10" □ Base Bid or □ Alt.# Trash Screen □ Base Bid or □ Alt.# Trash Screen □ Lump Sum □ Lump System □ Lump Sum □ Lump System □ Lump Sum □ Lump Su		
■ Base Bid or □ Alt.# Precast Concrete Deck, 10" QUANTITY: UNIT OF MEASURE: QUANTITY: UNIT OF MEASURE: Lump Sum		
QUANTITY: UNIT OF MEASURE: 276 Square Foot ■ Base Bid or □ Alt.# Trash Screen QUANTITY: UNIT OF MEASURE: 46 Linear Foot Linear Foot Linear Foot QUANTITY: UNIT OF MEASURE: QUANTITY: UNIT OF MEASURE: QUANTITY: UNIT OF MEASURE:	■ Base Bid or □ Alt.#	ast Concrete Deck, 10"
Base Bid or □ Alt # Trash Screen QUANTITY: UNIT OF MEASURE: Lump Sum QUANTITY: UNIT OF MEASURE: Lump Sum Alt # Pump Station Handrail QUANTITY: UNIT OF MEASURE: About Int		
■ Base Bid or □ Alt.# Trash Screen QUANTITY: UNIT OF MEASURE: Lump Sum		
QUANTITY: UNIT OF MEASURE: Lump Sum	■ Base Bid or □ Alt.#	h Screen
1 Lump Sum ■ Base Bid or □ Alt.# Pre-engineered Metal Building 18' x QUANTITY: UNIT OF MEASURE: ■ Base Bid or □ Alt.# Walkway Extension QUANTITY: UNIT OF MEASURE: 1 Lump Sum ■ Base Bid or □ Alt.# Pump Station Handrail QUANTITY: UNIT OF MEASURE: 46 Linear Foot ■ Base Bid or □ Alt.# Pump System QUANTITY: UNIT OF MEASURE: 46 Linear Foot ■ Base Bid or □ Alt.# Pump System QUANTITY: UNIT OF MEASURE:	QUANTITY:	
Base Bid or □ Alt.# Pre-engineered Metal Building 18' x QUANTITY: UNIT OF MEASURE: Lump Sum Base Bid or □ Alt.# Walkway Extension QUANTITY: UNIT OF MEASURE: Lump Sum Base Bid or □ Alt.# Pump Station Handrail QUANTITY: UNIT OF MEASURE: A6 Linear Foot Base Bid or □ Alt.# Pump System QUANTITY: UNIT OF MEASURE: A6 Linear Foot Lump Sum	1 Lump Sum	
Base Bid or □ Alt.# Pump Station Handrail CUANTITY:	# 1V - 7 P.2 C - 0	mainagead Matal Duilding 10' v 25'
1 Lump Sum ■ Base Bid or □ Alt.# Walkway Extension QUANTITY: UNIT OF MEASURE: ■ Base Bid or □ Alt.# Pump Station Handrail QUANTITY: UNIT OF MEASURE: 46	OTANTITY: I INIT O	Motal Duitaing 10 A
Base Bid or □ Alt.# Walkway Extension QUANTITY: UNIT OF MEASURE: Base Bid or □ Alt.# Pump Station Handrail QUANTITY: UNIT OF MEASURE: Ab Linear Foot Base Bid or □ Alt.# Pump System QUANTITY: UNIT OF MEASURE: Ab Linear Foot Lump System CUANTITY: UNIT OF MEASURE: Ab Lump Sum Lump Sum Ab Lump Sum	1	
Base Bid or □ Alt.# Walkway Extension QUANTITY: UNIT OF MEASURE: Base Bid or □ Alt.# Pump Station Handrail QUANTITY: UNIT OF MEASURE: Linear Foot Base Bid or □ Alt.# Pump System QUANTITY: UNIT OF MEASURE: Lump Sum		
QUANTITY: UNIT OF MEASURE: 1 Lump Sum ■ Base Bid or □ Alt.# Pump Station Handrail QUANTITY: 46 Linear Foot ■ Base Bid or □ Alt.# Pump System QUANTITY: QUANTITY: UNIT OF MEASURE: QUANTITY: UNIT OF MEASURE: 2 Lump Sum	■ Base Bid or □ Alt.#	kway Extension
1	. QUANTITY:	SURE:
■ Base Bid or □ Alt# Pump Station Handrail QUANTITY: UNIT OF MEASURE. 46 Linear Foot ■ Base Bid or □ Alt# Pump System QUANTITY: UNIT OF MEASURE. 2 Lump Sum	1 Lump Sum	
■ Base Bid or □ Alt# Pump Station Handrail QUANTITY: UNIT OF MEASURE. 46 Linear Foot ■ Base Bid or □ Alt# Pump System QUANTITY: UNIT OF MEASURE. 2 Lump Sum		
QUANTITY: UNIT OF MEASURE. 46 Linear Foot ■ Base Bid or □ Alt.# Pump System QUANTITY: UNIT OF MEASURE. 2 Lump Sum	■ Base Bid or □ Alt.#	p Station Handrail
46 Linear Foot ■ Base Bid or □ Alt.# Pump System QUANTITY: UNIT OF MEASURE: 2 Lump Sum		
■ Base Bid or □ Alt# Pump System QUANTITY: UNIT OF MEASURE: 2 Lump Sum		
■ Base Bid or □ Alt# Pump System QUANTITY: UNIT OF MEASURE: 2 Lump Sum		
REF. NO. QUANTITY: UNIT OF MEASURE: 2 Lump Sum	■ Base Bid or □ Alt.#	p System
2		
The state of the s	2 Lump Sum	

Post Office Box 944 Claiborne Building Baton Rouge, LA 7 Cowner to provide name a Cow	Post Office Box 94095 Claibome Building Baton Rouge, LA 70804 Cowner to provide name and address of owner) WCES: This form shall be used for an a Base Bid or □ Alt.# □ I Lump Su II Lump	Post Office Box 94095 Claiborne Building Baton Rouge, LA 70804 Dwner to provide name and address of owner) ICES: This form shall be used for any and all work reconstruction and address of owner) I Discharge Pipe Syst NO. QUANTITY: Lump Sum I Lump Sum	Plosd Protection System Plosd Protection System Place Box 94095 Place Box 94095 Place III Place II Place III Place IIII Place III Place III
DESCRIPTION: REF. NO. 20 DESCRIPTION: REF. NO. 21	■ Base Bid or □ Alt.# QUANTITY: UNI 1 Lum ■ Base Bid or □ Alt.# QUANTITY: UNI 1 Lum		Electrical Service and Amenities F.MEASURE: um Discharge Pipe Supports, Flood Side UNIT PRICE EXTENSION (Quantity times Unit Price) UNIT PRICE EXTENSION (Quantity times Unit Price) um
DESCRIPTION: REF. NO. 22	■ Base Bid or □ QUANTITY:	Alt.# UNIT O Each	Discharge Pipe Supports, Protected Side F. MEASURE: UNIT PRICE EXTENSION (Quantity, times Unit Price)
DESCRIPTION: REF. NO. 23	■ Base Bid or □ QUANTITY:	Alt.# UNIT O Each	Discharge Pipe Supports, Under Deck F MEASURE: UNIT PRICE EXTENSION (Quantity times Unit Price)
DESCRIPTION: REF. NO. 24	■ Base Bid or □ Alt.# QUANTITY: UNI 1.1 Acr	Alt.# Seeding and Fertilizin UNIT OF MEASURE: Acre	ertilizing UNIT PRICE UNIT PRICE EXTENSION (Quantity times Unit Price)

O: Facility F Post Offi Claiborne Baton Rc (Owner to pr	Facility Planning and Control Post Office Box 94095 Claiborne Building Baton Rouge, LA 70804 Owner to provide name and address of owner)	ro]	BID FOR: Franklin Canal Flood Protection System Phase II Pump Station (Owner to provide name of project and other identifying information)
NIT PRICES: 1	'his form shall be u	ısed for any and all work	NIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.
DESCRIPTION:	■ Base Bid or □ Alt.#	Alt.# Placement of Onsite Riprap	isite Riprap
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE UNIT PRICE EXTENSION (Quantity times Unit Price)
25	1	Lump Sum	
DESCRIPTION.	■ Base Bid or □ A	Alt.# East Side Walkway	/ay
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE UNIT PRICE EXTENSION (Quantity times Unit Price)
26	1	Lump Sum	
DESCRIPTION	☐ Base Bid or ■ Alt#	Alt.# 1 Deck Opening Cover	Cover Plate
REF. NO.	OUANTITY:	TOF	
27	_	Each	
DESCRIPTION	☐ Base Bid or ■ Alt #	Alt # 1 Geofextile Senarator	arator
REF. NO.	QUANTITY:	TOF	UNIT PRICE UNIT PRICE EXTENSION (Quantity times Unit Price)
28	58	Square Yard	
DESCRIPTION:	☐ Base Bid or ■ A	Alt.# 1 18" Square Pred	18" Square Precast Prestressed Concrete (PPC) Piles
REF. NO.	1/72/	TOF	UNIT PRICE (UNIT PRICE EXTENSION (Quantity times Unit Price)
29	561	Linear Foot	
DESCRIPTION:	☐ Base Bid or ■ Alt.#	Alt.# 1 Articulated Concrete	ncrete Block Revetment
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE UNIT PRICE EXTENSION (Quantity times Unit Price)
30	525	Square Foot	
ESCRIPTION:	☐ Base Bid or ■ Alt.#	Alt.# 1 Precast Concrete Capsills	te Capsills
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE UNIT PRICE EXTENSION (Quantity times Unit Price)
31	2	Each	
DESCRIPTION	☐ Base Bid or ■ Alt.#	Alt.# 1 Precast Concrete Deck, 10.5"	te Deck, 10.5"
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE TONIT PRICE EXTENSION (Quantity, times Unit Price)
32	450	Square Foot	

BID FOR: Franklin Canal	Flood Protection System	Phase II	Pump Station	(Owner to provide name of project and other identifying information)
TO: Facility Planning and Control	Post Office Box 94095	Claiborne Building	Baton Rouge, LA 70804	(Owner to provide name and address of owner)

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

The second secon		
DESCRIPTION:	☐ Base Bid or ■ Alt.#	■ Alt.# 1 Precast Concrete Deck, 10"
REF. NO.	QUANTITY:	UNIT OF MEASURE: UNIT PRICE UNIT PRICE EXTENSION (Quantity times Unit Price)
33	276	Square Foot
DESCRIPTION:	☐ Base Bid or ■ Alt.# 1	■ Alt.# 1 Deduction for Pre-engineered Metal Building 18' x 25'
REF. NO.	QUANTITY:	UNITOR
34		Lump Sum
DESCRIPTION:	☐ Base Bid or ■ Alt.#	■ Alt.# 1 Pre-engineered Metal Building 18' x 50'
REF. NO.	QUANTITY	UNITOF
35		Lump Sum
DESCRIPTION:	☐ Base Bid or ■ Alt.#	■ Alt.# 1 Pump Station Handrail
REF. NO.		TOF
36	25	Linear Foot
DESCRIPTION:	☐ Base Bid or ■ Alt.#	■ Alt # 1 Discharge Pipe Supports, Protected Side
REF. NO.	QUANTITY:	QUANTITY: UNIT OF MEASURE. UNIT PRICE UNIT PRICE UNIT PRICE EXTENSION (Quantity times Unit Price)
37	7	Each
DESCRIPTION:	☐ Base Bid or ■ Alt.# 1	■ Alt.# 1 Discharge Pipe Supports, Under Deck
REF. NO.	QUANTITY:	UNITOR
38	2	Each
DESCRIPTION	☐ Base Bid or ■ Alt.#	■ Alt.# 1 Trash Screen
REF. NO.	QUANTITY:	TOI
39		Lump Sum
DESCRIPTION:	☐ Base Bid or ■ Alt.#	■ Alt.# 1 12" Diameter Steel Pipe Piles
REF. NO.	QUANTITY:	UNIT OF MEASURE: UNIT PRICE UNIT PRICE EXTENSION (Quantity times Unit Price)
40	506	Linear Foot

TO: Facility	Facility Planning and Control	trol	BJD FOR: Franklin Canal
Post Off	Post Office Box 94095		Flood Protection System
Claibor	Claiborne Building		Phase II
Baton R	Baton Rouge, LA 70804		Pump Station
(Owner to p	(Owner to provide name and address of owner)	ess of owner)	(Owner to provide name of project and other identifying information)
UNIT PRICES:	This form shall be t	used for any and all work	UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.
DESCRIPTION:	☐ Base Bid or ■ Alt.#	Alt.# 1 Electrical Service an	ice and Amenities
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE UNIT PRICE EXTENSION (Quantity times Unit Price)
41	1	Lump Sum	
DESCRIPTION:	☐ Base Bid or ■ Alt.#		Deduction for East Side Walkway
REF NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE (UNIT PRICE EXTENSION (Quantity times Unit Price)
42		Lump Sum	
DESCRIPTION	☐ Base Bid or ■ Alt #	Alt # 2 Deduction for Deck	Deck Onening Cover Plate
REF NO	OHANTITY		
43			
DESCRIPTION:	☐ Base Bid or ■ Alt.#	Alt.# 2 Pump System	
REF. NO.	QUANTITY:	TOF	UNIT PRICE ONIT PRICE EXTENSION (Quantity times Unit Price)
44	The state of the s	Lump Sum	
DESCRIPTION	☐ Base Bid or ■ Alt.#	7	Discharge Pipe System, Pump 3
REF. NO.	QUANTITY:	TOF	UNIT PRICE UNIT PRICE EXTENSION (Quantity times Unit Price)
45	1	Lump Sum	
DESCRIPTION:	☐ Base Bid or ■ Alt.#	Alt.# 3 Deduction for Deck	Deck Opening Cover Plate
REF, NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE (Quantity times Unit Price)
46	1	Each	
		,	
DESCRIPTION:	☐ Base Bid or ■.	■ Alt.# 3 Pump System	
REF NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE UNIT PRICE EXTENSION (Quantity times Unit Price)
47		Lump Sum	
DESCRIPTION	☐ Base Bid or ■	■ Alt # 3 Discharoe Pine	Discharge Pine System Pump 4
REF NO		F O	UNIT PRICE (INIT PRICE)
48	1	Lump Sum	
		•	

Wording for "DESCRIPTION" is to be provided by the Owner.

All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner

INDEX SECTION 10 14 01 - Exterior Signage

PART 1	GENERAL2	2
1.1	REFERENCES	2
1.2	GENERAL REQUIREMENTS	3
1.2.	1 Wind Load Requirements	3
1.2.	2 Character Proportions and Heights	3
1.3	SUBMITTALS	1
1.4	MEASUREMENT AND PAYMENT	4
1.5	QUALIFICATIONS	4
1.6	DELIVERY AND STORAGE	
1.7	WARRANTY	4
PART 2	PRODUCTS	õ
2.1	MODULAR EXTERIOR SIGNAGE SYSTEM	5
2.1.	1 Panel Type Sign	5
2.2	GRAPHICS FOR EXTERIOR SIGNAGE SYSTEMS	5
2.2.	1 Graphics	5
2.2.	2 Messages	5
2.3	ALUMINUM ALLOY PRODUCTS	6
2.4	ORGANIC COATING	6
2.5	ANCHORS AND FASTENERS	6
2.6	SHOP FABRICATION AND MANUFACTURE	6
2.6.	1 Factory Workmanship	6
2.6.	2 Dissimilar Materials	6
2.7	COLOR, FINISH, AND CONTRAST	6
PART 3	EXECUTION	6
3.1	INSTALLATION	
3.1.	1 Anchorage	7
3.1.	2 Protection and Cleaning	7

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

ALUMINUM ASSOCIATION (AA)

AA DAF45

(2003; Reaffirmed 2009) Designation System for Aluminum Finishes

ior Aluminum Finishes

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

ANSI 297.1

(2009; Errata 2010) Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test

AMERICAN WELDING SOCIETY (AWS)

AWS C1.1M/C1.1

(2012) Recommended Practices for Resistance

Welding

AWS D1.1/D1.1M

(2010; Errata 2011) Structural Welding Code -

Steel

AWS D1.2/D1.2M

(2008) Structural Welding Code - Aluminum

ASTM INTERNATIONAL (ASTM)

ASTM A1011/A1011M

(2013) Standard Specification for Steel,

Sheet, and Strip, Hot-Rolled, Carbon,

Structural, High-Strength Low-Alloy and High-Strength Low-Alloy with Improved Formability

and Ultra-High Strength

ASTM A123/A123M

(2013) Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel

Products

ASTM A36/A36M

(2012) Standard Specification for Carbon

Structural Steel

ASTM A653/A653M

(2011) Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip

Process

ASTM A924/A924M

(2013) Standard Specification for General Requirements for Steel Sheet, Metallic-Coated

by the Hot-Dip Process

ASTM B108/B108M

(2012; E 2012) Standard Specification for Aluminum-Alloy Permanent Mold Castings

ASTM	B209 .	(2010) Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
ASTM	B209M	(2010) Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate (Metric)
ASTM	B221	(2013) Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes
ASTM	B221M	(2013) Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric)
ASTM	B26/B26M	(2012) Standard Specification for Aluminum- Alloy Sand Castings
ASTM	B62	(2009) Standard Specification for Composition Bronze or Ounce Metal Castings
ASTM	C1036	(2010; E 2012) Standard Specification for Flat Glass
ASTM	D3841	(1997; E 2008; R 2008) Standard Specification for Glass Fiber-Reinforced Polyester Plastic Panels

NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS (NAAMM)

NAAMM AMP 500

ASTM E84

(2006) Metal Finishes Manual

(2013a) Standard Test Method for Surface

Burning Characteristics of Building Materials

1.2 GENERAL REQUIREMENTS

All exterior signage shall be provided by a single manufacturer. Exterior signage shall be of the design, detail, sizes, types, and message content described herein, shall conform to the requirements specified, and shall be provided at the locations indicated. Signs shall be complete with lettering as detailed and related components for a complete installation. Each sample shall consist of a complete sign panel with letters and symbols. Samples may be installed in the work, provided each sample is identified and location recorded. Submit three color samples for each material requiring color and 12 inch square sample of sign face color sample.

1.2.1 Wind Load Requirements

Exterior signage shall be designed to withstand 140 mph wind load. Submit design analysis and supporting calculations performed in support of specified signage.

1.2.2 Character Proportions and Heights

Characters and numbers on indicated signs shall be sized according to the viewing distance from which they are to be read. The minimum height and width shall be 8 inches and 5 inches respectively, measured using an upper case letter "X". Lower case characters are permitted.

1.3 SUBMITTALS

Engineer approval is required for submittals with a "E" designation; submittals not having a "E" designation are for information only. Submit the following;

SD-02 Shop Drawings

Approved Detail Drawings; E

SD-03 Product Data

Modular Exterior Signage System Installation Exterior Signage; E Wind Load Requirements

SD-04 Samples

Exterior Signage; E

SD-10 Operation and Maintenance Data

Protection and Cleaning

SD-11 Closeout Submittals

1.4 MEASUREMENT AND PAYMENT

Exterior signage will be measured per each sign installed, to include all labor, materials, and machinery required to furnish and install project identification signage complete with lettering, fasteners and logo.

Project identification signage will be paid for at the contract unit price for Bid Item; "Exterior Signage."

1.5 QUALIFICATIONS

Signs, logos, and dimensional letters shall be the standard product of a manufacturer regularly engaged in the manufacture of the products. Items of equipment shall essentially duplicate equipment that has been in satisfactory use at least 2 years prior to bid opening.

1.6 DELIVERY AND STORAGE

Materials shall be wrapped for shipment and storage, delivered to the jobsite in manufacturer's original packaging, and stored in a clean, dry area in accordance with manufacturer's instructions.

1.7 WARRANTY

Manufacturer's standard performance guarantees or warranties that extend beyond a one year period shall be provided.

PART 2 PRODUCTS

2.1 MODULAR EXTERIOR SIGNAGE SYSTEM

Exterior signage shall consist of identification type signs located on the pump station exterior walls. Dimensions, details, materials, message content, and design of signage shall be as specified herein. Submit manufacturer's descriptive data and catalog cuts.

2.1.1 Panel Type Sign

2.1.1.1 Panels

Modular message panels shall be 40'' tall x 104'' wide, and shall display message and logo illustrated in Figure 1. Panels shall be fabricated a minimum of 0.1875 inch aluminum.

2.1.1.2 Finishes

Metal panel system finish shall be baked enamel or two-component acrylic polyurethane.

2.1.1.3 Mounting

Signage shall be mounted directly to prefabricated metal building, and coordinated with metal building manufacturer.

2.2 GRAPHICS FOR EXTERIOR SIGNAGE SYSTEMS

2.2.1 Graphics

Pressure sensitive precision cut vinyl letters and logo with reflecting surface shall be provided.

2.2.2 Messages

See Figure 1 for message content. Typeface: Helvetica medium.

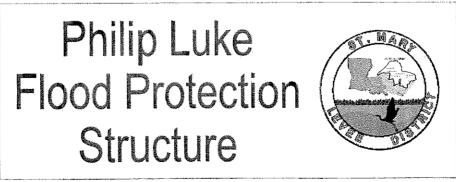


Figure 1: Typical Pump Station Identification Signage

2.3 ALUMINUM ALLOY PRODUCTS

Aluminum alloy products shall conform to ASTM B209M (ASTM B209) for sheet or plate.

2.4 ORGANIC COATING

Clean, prime and give surfaces a semi-gloss baked enamel or two-component acrylic polyurethane finish in accordance with NAAMM AMP 500, AMP 505, with total dry film thickness not less than 1.2 mils.

2.5 ANCHORS AND FASTENERS

Exposed anchor and fastener materials shall be compatible with metal to which applied and shall match in color and finish and shall be non-rusting, non-corroding, and non-staining. Exposed fasteners shall be tamper-proof. Anchors and fasteners shall be sufficient to withstand 140 mph wind load.

2.6 SHOP FABRICATION AND MANUFACTURE

2.6.1 Factory Workmanship

Work shall be assembled in the shop, as far as practical, ready for installation at the site. Work that cannot be shop assembled shall be given a trial fit in the shop to ensure proper field assembly. Holes for bolts and screws shall be drilled or punched. Drilling and punching shall produce clean, true lines and surfaces. Welding to or on structural steel shall be in accordance with AWS D1.1/D1.1M. Welding shall be continuous along the entire area of contact. Exposed welds shall be ground smooth. Exposed surfaces of work shall have a smooth finish and exposed riveting shall be flush. Fastenings shall be concealed where practical. Other metallic coatings of steel sheet shall be in accordance with ASTM A924/A924M.

2.6.2 Dissimilar Materials

Where dissimilar metals are in contact, or where aluminum is in contact with concrete, or wet or pressure-treated wood, the surfaces shall be protected with a coat of asphalt varnish or a coat of zinc-molybdate primer to prevent galvanic or corrosive action.

2.7 COLOR, FINISH, AND CONTRAST

Color shall be selected from manufacturers standard colors. Color listed is not intended to limit the selection of equal colors from other manufacturers. Characters and symbols shall contrast with their background - either light characters on a dark background or dark characters on a light background. Logo colors shall be as illustrated in Figure 1.

PART 3 EXECUTION

3.1 INSTALLATION

Signs shall be installed in accordance with approved manufacturer's instructions centered on the land side (north side) and water side (south side) of the pre-fabricated metal building; submit drawings showing elevations of each type of sign; dimensions, details, and methods of mounting or anchoring; shape and thickness of materials; and details of

construction. Signs shall be installed plumb and true at mounting heights directed by the Engineer, and by method shown or specified. Signs mounted on other surfaces shall not be installed until finishes on such surfaces have been completed. Submit manufacturer's installation instructions and cleaning instructions.

3.1.1 Anchorage

Anchorage and fastener materials shall be in accordance with approved manufacturer's instructions for the indicated substrate. Anchorage not otherwise specified or indicated shall include slotted inserts, expansion shields, and machine carriage bolts for steel.

3.1.2 Protection and Cleaning

The work shall be protected against damage during construction. Hardware and electrical equipment shall be adjusted for proper operation. After signs are completed and inspected, cover all project identification which may mislead the public. Covering shall be maintained until instructed to be removed by the Owner or until the facility is to be opened for business. Submit six copies of maintenance instructions listing routine maintenance procedures, possible breakdowns and repairs, and troubleshooting guides. The instructions shall include simplified diagrams for the equipment as installed. Signs shall be cleaned, as required, at time of cover removal.

-- End of Section --

General Decision Number: LA140006 03/07/2014 LA6

Superseded General Decision Number: LA20130006

State: Louisiana

Construction Type: Heavy

Counties: Allen, Assumption, Avoyelles, Beauregard, Bienville, Caldwell, Cameron, Catahoula, Claiborne, Concordia, De Soto, East Carroll, East Feliciana, Evangeline, Franklin, Grant, Iberia, Iberville, Jackson, Jefferson Davis, La Salle, Lincoln, Madison, Morehouse, Natchitoches, Pointe Coupee, Red River, Richland, Sabine, St Helena, St Mary, Tangipahoa, Tensas, Union, Vermilion, Vernon, Washington, West Carroll, West Feliciana and Winn Counties in Louisiana.

HEAVY CONSTRUCTION PROJECTS (includes water wells, water & sewer lines, and flood control; excludes elevated storage tanks)

Modification	Number	Publication	Date
0		01/03/2014	
1		01/10/2014	
2		01/24/2014	
3		02/07/2014	
4		02/28/2014	
5		03/07/2014	

ELEC0130-007 12/01/2013

ASSUMPTION AND ST. MARY (Northeast of Atchafalaya River) PARISHES

	Rates	Fringes
ELECTRICIAN	.\$ 29.35	9.51
ELEC0194-006 09/03/2012		

BIENVILLE, CLAIBORNE, DE SOTO, NATCHITOCHES (Northeast of the Red River), and RED RIVER PARISHES

,	Rates	Fringes	
ELECTRICIAN Lineman and Heavy Equipment Operator	\$ 25.25	9.56	
TT TOO 4 4 C 0 0 4 0 2 /01 /001 4			

* ELEC0446-004 03/01/2014

CALDWELL, EAST CARROLL, FRANKLIN, JACKSON, LINCOLN, MADISON, MOREHOUSE, RICHLAND, TENSAS, UNION, and WEST CARROLL PARISHES

	Rates	Fringes
ELECTRICIAN		1%+9.64

AVOYELLES, CATAHOULA, CONCORDIA, EVANGELINE, GRANT, LA SALLE, NATCHITOCHES (Southwest of Red River), SABINE, VERNON, AND WINN PARISHES

	Rates	Fringes .
ELECTRICIAN		4.25%+5.65
ELEC0861-004 01/01/2014		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
ALLEN, BEAUREGARD, CAMERON, IBER (Southwest of Atchafalaya River)		
	Rates	Fringes
ELECTRICIAN	\$ 24.50	4%+10.23
ELEC0995-002 01/01/2014		
EAST FELICIANA, IBERVILLE, POINT FELICIANA PARISHES	TE COUPEE, S	ST. HELENA, AND WEST
	Rates	Fringes
ELECTRICIAN	\$ 23.16	9.47
ELEC1077-005 09/01/2012		
TANGIPAHOA and WASHINGTON PARIS	HES	
	Rates	Fringes
ELECTRICIAN	\$ 22.50	7.17
SULA2004-008 05/19/2004		<u> </u>
	Rates	Fringes
CARPENTER (including formsetting/formbuilding)	\$ 14.75	0.00
Laborers: Common Pipelayer		0.00 0.00
PIPEFITTER (excluding pipelaying)	\$ 18.75	4.05
Power equipment operators: Backhoe/Excavator Boring Machine Bulldozer Crane Dragline Front End Loader Mechanic Trackhoe Tractor Water Well Driller	\$ 10.25 \$ 11.82 \$ 13.60 \$ 13.12 \$ 9.93 \$ 12.50 \$ 11.99	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
Truck drivers:		

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters , PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable , i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rates.

0000/9999: weighted union wage rates will be published annually each January.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union majority rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

WAGE DETERMINATION APPEALS PROCESS

- 1.) Has there been an initial decision in the matter? This can be:
- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations Wage and Hour Division U.S. Department of Labor 200 Constitution Avenue, N.W. Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator U.S. Department of Labor 200 Constitution Avenue, N.W. Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board U.S. Department of Labor 200 Constitution Avenue, N.W. Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.
