



ST. TAMMANY PARISH

PATRICIA P. BRISTER
PARISH PRESIDENT

April 28, 2017

Please find the following addendum to the below mentioned BID.

Addendum No.: 1

Bid#: 300-00-17-30-2

Project Name: Clipper Drive Bridge

Bid Due Date: May 9, 2017

GENERAL INFORMATION:

Pre-Bid Meeting Minutes

- The estimated budget is \$1,000,000
- Contract Time is 365 days from the Notice to Proceed issued by the Parish.
- The project is operating under a Coastal Use Permit and a US Army Corps of Engineers Category 1 Programmatic General Permit.
- Traffic must be maintained at all times. It is the only way in and out for Clipper Estates and Moonraker Estates. Tie rods must be removed one at a time under traffic conditions.
- Pile Driving Analysis is to be done by Terracon, and coordinated with the Parish or Volkert. These services are paid for by the Parish.
- Cleco has a 5" conduit on the bridge. They can kill the line and place pull boxes on each side of the bridge to replace the line when corresponding phase of construction is complete. Cleco wants the downtime on the line to be minimized as much as possible.



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- A previous discussion with Atmos Gas indicated they would bore a new line under the canal. Atmos Gas did not attend pre-bid meeting so this information could not be confirmed.
- A previous discussion with Coast Waterworks indicated that the water main on the bridge can be killed, but did not mention plans for the sewer force main. Coast Waterworks did not attend pre-bid meeting so this information could not be confirmed.
- AT&T did not attend pre-bid meeting and has not provided a relocation plan.
- Charter Communications did not attend pre-bid meeting and has not provided a relocation plan. There was discussion that there are possibly Charter lines on both sides of the bridge.

QUESTIONS & ANSWERS:

Question #1: What is the right of way/how much laydown area is there/are any Parish owned properties nearby?

Answer #1: The right of way on Clipper Drive is 100'. There are nearby Parish owned properties on Highway 11, however the majority of them are very small lots on the canal side of the highway and consideration must be given for access constraints due to the current Highway 11 DOTD widening project. The properties are as follows:

Address	Tax Assessment Number
4627 Pontchartrain Dr	137-078-3846
4425 Pontchartrain Dr	137-077-2445
4463 Pontchartrain Dr	137-077-5398
4491 Pontchartrain Dr	137-078-4400
4601 Pontchartrain Dr	137-076-2725
4621 Pontchartrain Dr	137-077-2488
4635 Pontchartrain Dr	137-075-8094
4689 Pontchartrain Dr	137-077-1333
4753 Pontchartrain Dr	137-076-7824
4443 Pontchartrain Dr	137-811-1749



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4663 Pontchartrain Dr	137-076-9401
5.4 Acres (Canal Levee W of Hwy 11)	137-811-1699

Question #2: Does the pre-caster need to be pre-qualified?

Answer #2: Any pre-caster is allowed as long as the design matches the plan, DOTD precast concrete specifications, and DOTD reinforcing steel specifications. The shop drawings are to be stamped by a Louisiana Licensed Civil Engineer for LADV-11 design loading.

Question #3: Can a temporary guardrail be anchored to the bridge with connections fabricated by the pre-caster as a substitution of the concrete barriers?

Answer #3: Yes, the materials shall conform to the guard rail specification and the detail shall conform with standard plan BD2.8.1.0.15 Detour Bridge, sheet 15 dated 5/8/2012. Payment for this work would be included in item 713-07-00100 without a quantity adjustment.

Question #4: Is the contractor allowed to work weekends?

Answer #4: Yes, as long as advance notice is given to coordinate for testing and inspection.

Question #5: What are the allowances for weather days?

Answer #5: See section 9 for Excess Adverse Weather Days Specifications. A schedule of days to be included in the 365 day contract time is given. Only weather days in excess of the days given per month are added to the contract time.

Question #6: Are there provisions for payment of stored materials?



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Answer #6: Payment for stored materials will be considered when materials are anticipated to be stored for periods in excess of 30 calendar days. Material must be stored within the state of Louisiana at a safe and secure location. It shall be the contractor's responsibility to protect the material from damage and theft while in storage. Payment made must be for the invoice price not to exceed 85 percent of the contract price. Partial payment shall be submitted in writing and the following documentation shall be furnished: (1) A copy of the invoices from supplier or manufacturer verifying the cost and quantity of material. (2) If storage is on private property, a copy of the lease or agreement granting the Parish right of entry to property. Certified copies of invoices shall be submitted within 30 calendar days of payment.

Question #7: How is vibration monitoring paid? Should there be a pay item?

Answer #7: Vibration Monitoring is included in items 803.09 and 804.03 at no direct pay.

Question #8: For item 713-07-00100 the bid quantity is 18. Is this 18 barriers + 2 impact attenuators for a total of 20 or 16 barriers + 2 impact attenuators for a total of 18?

Answer #8: The item was calculated using 15' long precast barriers as shown in DOTD Standard Plan "Temporary Precast Barrier". The length required on the existing bridge/roadway is 130', which after rounding up is 9 barriers. An additional 9 are required once the first new portion of the bridge is built and before you shift traffic to it. Two runs of barrier are needed simultaneously because you cannot remove the old barrier before the new barrier is in place. Therefore 18 barriers are required as well as 2 impact attenuators. The spec for Temporary Traffic Control (Section 713) says under 713.04 Payment that "payment for temporary precast concrete barriers shall be at the contract unit price and shall include the cost of the required impact attenuators and the cost of pinning the barriers to the pavement or bridge deck."



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Question #9: Can you please provide a spec for the impact attenuators?

Answer #9: See amended section 713 for impact attenuator specifications.

Question #10: There is no pay item to move the barriers/attenuators from shown in phase 2b. Will a bid item be added?

Answer #10: The barriers are not being moved/repositioned. See answer to #8.

Question #11: Please provide a spec of the S-003 floating turbidly barrier required.

Answer #11: There is a spec already included in the technical specifications. It refers to the manufacturer's specifications.

Question #12: Page 15 of the plans show a temporary sheet pile wall (note 3). How much of a temp wall is needed? It looks like it's the length of the temp barrier.

Answer #12: Please see Note 3 on sheet 15, which states that it shall be determined in the field. Traffic shall be maintained as shown on sheet 15, while the excavation on each side of the canal is performed adjacent to the traffic. The contractor shall determine the limits of the wall necessary to build the project in phases as shown in the plans.

Question #13: Will a bid item be added for the temporary sheet pile wall?

Answer #13: This item is covered in the Spec for Sheet Piles (Section 803). That spec also refers to LADOTD Spec 802 (2006 Edition). Under section 803.08 Measurement, it states that Temporary/Construction Sheeting will not be measured for payment.

Question #14: Will the temporary sheetpile wall have to be designed/stamped by a Louisiana Engineer?

Answer #14: No, because the size and depth of the sheet are stated in Note 3. The following sentence in Section 803 will be altered from "Temporary



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sheeting, shoring, and bracing plan shall be stamped by a professional engineer registered in the state of Louisiana and shall be submitted to the Engineer for approval.” To “Temporary sheeting, shoring, and bracing plan and shop drawings shall be submitted to the Engineer for approval.”

Question #15: Page 16 shows the existing concrete retaining wall to be removed after new sheet pile wall. If the length of the temp wall is as about in question 12 can one panel be removed?

Answer #15: Temporary sheeting should not extend into the canal. It is only necessary to hold back the existing embankment while excavation is adjacent. The temporary sheet pile should not conflict with the concrete panels between the existing piles.

Question #16: The temp wall is only shown on Phase 1 demo plan. When can this wall be removed?

Answer #16: It can be removed when it is no longer necessary to hold the existing embankment.

Question #17: Will any temporary striping be required with in the construction area i.e. while traffic is shifted?

Answer #17: No temporary striping is required.

Question #18: Can an ESZ 18-630 sheet pile section be substituted for the sheet pile specified in the plans?

Answer #18: The ESZ 18-630 section proposed may be used; however, shop drawings must be submitted showing tie rod placement (6 are required and spacing may not exceed 9') and changes to the concrete cap due to the increase in sheet pile section. All costs associated in the change in concrete cap size and associated rebar would be included without a quantity adjustment.

ATTACHMENTS:

1. Revised Section 713.pdf



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2. Revised Section 803.pdf
3. Pre-Bid Sign In Sheet.pdf

<< End of Addendum #1 >>

TECHNICAL SPECIFICATIONS

SECTION 713 - REVISED

TEMPORARY TRAFFIC CONTROL

713.01 DESCRIPTION OF THE WORK

This item includes but is not limited to providing, erecting, maintaining, and after completion of the Work, removing all necessary signs, barricades, temporary pavement markings, and related devices required in the plans and in accordance with the Manual on Uniform Traffic Control Devices (MUTCD), Construction Section, as well as all signs, barricades, blinking lights, or other necessary traffic control devices required by the St. Tammany Parish Engineering Dept., or other governing specifications (Section 713 of Louisiana Standard Specifications for Roads and Bridges, 2006 edition or as amended herein) of this project. These specifications shall not be construed to relieve the Contractor of responsibilities for the safety of the public, for liability in connection therewith, or compliance with State and local laws or ordinances.

713.02 IMPACT ATTENUATORS

Impact attenuators shall conform to the requirements of the manufacturer and be capable of bi-directional shielding of the objects detailed and located on the plans.

The impact attenuator shall comply with the crash test requirements contained in NCHRP Report 350 (only applicable for impact attenuators developed prior to 2011) or MASH (acceptable for all impact attenuators), TL-2.

The site shall be prepared to receive the impact attenuator by filling, excavating, smoothing, constructing the paved foundation pad, installing approved transition and anchoring, and all other work necessary for the proper installation of the attenuator.

The impact attenuator shall be fabricated and installed in accordance with the manufacturer's recommendations. The Contractor shall provide a copy of the manufacturer's installation instructions and parts list to the Engineer prior to installation of the device

713.03 SUBMITTALS

Contractor shall submit to the Engineer for approval the detailed temporary traffic control plan.

The Contractor shall provide a copy of the impact attenuator's manufacturer's installation instructions and parts list to the Engineer prior to installation of the device

713.04 MEASUREMENT

There will be no measurement for temporary signs and barricades. Temporary precast

concrete barriers shall be measured by the number of individual barriers required to meet the length outlined on the drawings.

713.05 PAYMENT

Temporary signs and barricades shall be lump sum. The lump sum price bid shall also include the cost of the required inspections of the temporary signs and barricades by a qualified traffic engineer retained by the Contractor. The payment for temporary precast concrete barriers shall be at the contract unit price and shall include the cost of the required impact attenuators and the cost of pinning the barriers to the pavement or bridge deck.

<u>Item No.</u>	<u>Pay Item</u>	<u>Pay Unit</u>
713-01-00100	Temporary Signs and Barricades	Lump Sum
713-07-00100	Temporary Precast Concrete Barrier (Contractor Furnished)	EA

END OF SECTION

TECHNICAL SPECIFICATIONS

SECTION 803 - REVISED

SHEET PILES

803.01 DESCRIPTION OF WORK

This work consists of furnishing and driving sheet piling for retaining walls and wingwalls to be anchored to a concrete deadman in accordance with the plan details and these specifications. Sheeting shall be new and shall receive corrosion protection in accordance with Subsection 803.06.

Temporary sheeting used at the contractor's option shall be in accordance with Section 802. The contractor shall be responsible for the design and details of the sheeting. Temporary sheeting may be new or used, and does not require corrosion protection.

Permanent sheet pile design is for end condition. Contractor shall be responsible for the design of all temporary supports as required for construction traffic. Temporary sheeting, shoring, and bracing plan and shop drawings shall be submitted to the Engineer for approval.

803.02 MATERIALS

(a) Sheet piles shall be PZ-27 (ASTM A527 Grade 50 Steel) or approved equal. Substitutions shall be designed to withstand 768 inch-kips/ft factored bending moment. Coal Tar Epoxy-Polyamide Paint shall comply with Subsection 1008.04.

(b) Anchor tendons shall be Grade 75 (galvanized or epoxy coated) Williams thread bars (#14, 1-3/4" diameter) with an allowable stress of 49.5 ksi or approved equal. Bearing plates, nuts, and bolts shall be manufacturer's recommendations and approved by the Engineer.

(c) The waler shall consist of 2 Grade 50 C-10x20 channels bolted together with 7/8" diameter bolts and 1-1/4" diameter pipe spacers or approved equal with an allowable bending stress of 32,500 ksi and minimum section modulus of 27.5 in³/ft as per details shown on the plans.

(d) The contractor shall be responsible for providing a concrete deadman as per the details on the plans.

803.03 DRIVING SHEET PILES

Sheet piles shall be driven with hammers adequate to drive the piles to required depth in satisfactory condition. To maintain satisfactory alignment, sheet piles shall be driven in increments of penetration necessary to prevent distortion, twisting out of position or pulling apart at interlocks. The contractor will assume full responsibility for any damage to adjacent structures or for embankment settlement caused by his operation.

803.04 JETTING SHEET PILES

Use of jets will require written approval of the Engineer. When approved, jetting will be at no direct pay.

803.05 CUTOFFS

Tops of sheet piling shall be cut off or driven to a straight line at the elevation indicated on the plans or as directed. Sheet piles damaged during driving, or driven out of proper position or below cut-off elevation, shall be withdrawn and replaced with new piles at no direct pay.

803.06 PAINTING

Before driving, surfaces of steel sheet piling shall be cleaned and painted with a 2-coat coal tar epoxy-polyamide to the limits indicated on the plans, in general accordance with Section 803.06 of the 2006 LSSRB.

803.07 VIBRATION MONITORING

Vibration producing activities (sheet pile driving) are required for the construction of this item. There are residential structures located close to the proposed work that could be affected by these activities. Vibration monitoring shall be performed by the contractor during the sheet pile driving operations to continuously measure peak particle velocity (PPV) at the edge of the right-of-way/property line for the closest structure to the actual driving operations. The contractor shall limit vibrations at the structure nearest to the work being performed to a maximum 0.25 inches per second (ips). The contractor shall take immediate action to reduce the vibrations to the acceptable limits.

803.08 MEASUREMENT

Quantities of permanent sheet pile wall for payment will be the design wall area measured as the length of continuous sheet pile wall times the depth of the sheet piles. Permanent sheet pile design quantities will be measured in square feet and be adjusted if the engineer makes changes to adjust to field conditions, if plan errors are proven, or if design changes are made. Temporary / Construction sheeting will not be measured for payment. Vibration monitoring is considered incidental to the work and shall not be measured for payment.

803.09 PAYMENT

Payment for permanent sheet pile wall, including all anchor tendons, walers, earthwork (granular material), and other material required in the furnishing of the steel sheet pile wall, will be made at the contract unit price under:

<u>Item No.</u>	<u>Pay Item</u>	<u>Pay Unit</u>
803-03-00100	Steel Sheet Pile Wall	Square Foot

END OF SECTION

Location

Hall of Excellence, 620 N. Tyler St., Covington

Pre-Bid Sign-In Sheet
Clipper Drive Bridge

2:00 p.m. Wednesday, April 19, 2017

	Name	Company	Email	Phone	Time In	Time Out
1	Marius Lavale	McDonald Const	marius.mcdonald@construction	985-671-8621	1:42	2:40
2	Jack Rayburn	Diamond B	jack.rayburn@diamondb.com	318-308-5227	1:45	2:40
3	Robey D. Leasure Sr.	Guinn Construction	robey@guinnconstructionllc.com	337-824-0630	1:45	2:40
4	Thomas Belen	JB James Const	thomascbb@tdllc.net	225 927 3131	1:45	2:40
5	Charlie Gorkin	Cycle Construction	cge1kin@cycleconstruction.com	(504) 467-1444	1:47	2:37
6	Brandon McFitt	CLECO	Brandon.McFitt@cleco.com	318-484-4170	1:47	2:40
7	Fred Denton	DagStar	epdagstar@yahoo.com	985-710-3773	1:49	2:40
8	Tony Everett	Volker	Anthony.Everett@volker.com	504-460-4085	1:53	2:46
9	Scott Groes	Baker R/L Driving and Gravel	scott@bakerpiledriving.com	985-792-5001	1:57	2:40
10	BRADY MAX	WASKEY	bmax@waskey.com	225-939-4264	1:59	2:38
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Clipper Drive

Day, Month, Date
Time

	Name	Company	Email	Phone	Time In	Time Out
14	Patrick Smith	Command Const.	patrick@commandindustries.com stacie@commandindustries.com	504-887-8795	1:42	2:40
15	LANCE SCHILLING	3C'S PROPERTIES, INC.	LSCHILLING@THREES.BIZ	504 712-7922	1:45	2:40
16	Jason Camba	St Tammany Parish	jrcamba@stpgov.org	985-898-2552	1:47	2:45
17	Stacey Deshotel	Cleco	stacey.deshotel@cleco.com	337-501-2688	1:45	2:40
18	Lisa Frugé	Volker	LISA.FRUGE@VOLKER.COM	225-218-9440	1:48	2:38
19	Tim Mann	Shanco	tim@shanco.net	985 893-5308	1:55	2:40
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