



Bid Number 50-00116079

TWO (2) YEAR CONTRACT FOR BRIDGE REPAIR AND MAINTENANCE TO BE PROVIDED ON AN AS NEEDED BASIS FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS – STREETS, EXCLUDING GRAND ISLE

BID DUE: TUESDAY, MAY 10, 2016 AT 2:00 PM

ATTENTION VENDORS!!!

Please review all pages and respond accordingly, complying with all provisions in the technical specifications and Jefferson Parish Instructions for Bidders and General Terms and Conditions. All bids must be received in the Purchasing Department by the bid due date and time.

**Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053
Buyer Name: Misty A. Camardelle
Buyer Email: mcamardelle@jeffparish.net
Buyer Phone: 504-364-2683**

**TWO (2) YEAR CONTRACT FOR BRIDGE REPAIR AND MAINTENANCE
FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS –
STREETS**

SCOPE:

Two (2) year contract for bridge repair and maintenance for the Jefferson Parish Department of Public Works - Streets, to be provided on as needed basis, excluding Grand Isle.

CONTRACT TERM:

The successful bidder shall be awarded the work for a period of two (2) years. The contract shall commence on the date of resolution acceptance. The contract prices are to be firm during the entire two (2) year contract period.

PERFORMANCE BOND:

A performance bond of 100% of the contract amount is required upon contract execution.

PAYMENT BOND:

A payment bond of 100% of the contract amount is required upon contract execution.

SURETY BOND:

A 5% bid surety is required with bid submission.

PRE-BID:

A pre-bid conference will be held at 10:00 am on Thursday, April 21, 2016, in the Purchasing Department, Suite 4400 Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053.

The terms and conditions of Resolutions 113646 and 113647 will be considered a part of the bid whether attached or not. A copy may be obtained from the Office of the Parish Clerk, 6th Floor, General Government Building, 200 Derbigny St., Gretna, LA 70053.

The contractor shall be aware and shall be held responsible under this contract to the requirements prescribed by the following resolutions.

Resolutions Nos. 113646 and 113647 “provides for a uniform set of general specifications and conditions for all contractors engaged in performing work or services for the Parish of Jefferson”.

GENERAL SPECIFICATIONS:

The quantities in the proposal form are approximate for the comparison of bids only. The parish reserves the right to purchase only such items and in such quantities as needed for the duration of this contract.

Work performed under this contract shall not exceed \$150,000.00 per job. If the job exceeds \$150,000.00 it will be bid as a separate job.

If contractor leaves the job incomplete for over a 30 day period, the parish has the right to go to the next lowest responsible bidder to start or complete the work order. However, if the contractor has a valid reason to hold off on a job, he has to obtain written permission from the Director of Streets for the stipulated delay. Also, the owner has the right to put a hold on a job at the beginning or when job is in progress without designating a reason. If the job is discontinued, the contractor will be compensated only for the items of work actually done and not for any down time.

The contractor shall not work during the holidays observed by Jefferson Parish unless otherwise authorized in writing by the director. Also, contractor shall not schedule any contract work on major roads and thoroughfares between Thanksgiving and New Year Holidays, or during Mardi Gras season.

The contractor shall be responsible for, at their own expense, providing safe and expeditious movement of traffic through construction zones, i.e., the immediate area of actual construction and all abutting areas used by the contractor and which interferes with the driving or walking public. Contractor responsibility includes, but is not limited to, such items as proper construction warning signs, signals, lighting devices, (including electrical/electronic flashing arrow board), markings, barricades, channelization, hand signaling devices, (flagging operations), construction warning signs, detour routing and any/all additional signage required for proper traffic control shall be provided by the contractor at no additional expense to Jefferson Parish.

Adequate safety precautions will be taken for all work performed under this contract. Necessary barricades, signs, lights and warning devices will be installed and maintained by the contractor in accordance with the plans provided by the engineer or the specifications in the Manual of Uniform Traffic Control Devices (M.U.T.C.D.), latest edition.

During the performance of all work as outlined in these specifications, the contractor will exercise due caution regarding underground utilities and will cooperate with representatives of the respective utility companies and/or parish departments to avoid damage to their installations.

The contractor must protect, support and maintain all subsurface, surface and aerial utilities that may be affected by his work. In the event of any damage to the existing utilities, contractor shall restore service, as soon as possible, at his own expense. The contractor shall have the sole responsibility of resolving any lawsuits and liabilities arising from defective workmanship, improper maintenance of utilities and/or work site.

The contractor should consult with the Department of Public Works Traffic Engineering Division immediately upon any vehicular or pedestrian safety or efficiency problem incurred as a result of construction of a project.

If there are any conflicting utilities that need relocation or adjustments, the contractor will allow reasonable time to accomplish this task. There is no added compensation for delays and cost caused by the conflict.

If any liens are filed during execution of this contract, the parish shall withhold the next accruing payment and shall have the authority to satisfy the claim and deduct the amount from payments due.

If any liens arising out of this contract should be discovered to exist after all payments are made, the contractor shall refund the parish all monies that the latter may be compelled to pay in discharging such liens.

WORK STOPPAGE DUE TO PUBLICALLY DECLARED EMERGENCY:

If there is an emergency declared by the federal, state or local government in Jefferson Parish or in any portion thereof, then all work on this project shall cease until such time as the contractor is instructed to resume work by department director (no one else) who has jurisdiction over the project.

If there is any type of work which must proceed to prevent harm to persons or property, or damage to the project itself; then contractor should immediately contact the department director for necessary instructions. If contractor is unable to contact the department director, contractor may perform the work necessary to prevent such harm in accordance with industry safety standards.

Contractor shall be entitled to an extension of time for the period of the stoppage, but shall not be entitled to any additional compensation by reason thereof.

TECHNICAL SPECIFICATIONS:

PAVEMENT REMOVAL AND DISPOSAL:

Bid prices should include all costs for labor, equipment and material necessary to remove and dispose of existing pavement for the thickness as shown. Where concrete to be removed has been overlaid with asphalt, the contractor will be paid for such added average thickness. Curbing shall be removed with the slab where required and the curb height will not be added to slab thickness. All of the excavated material whether concrete/asphalt or any material shall be hauled off from the job site if it is not needed by the parish. Should the parish desire, the contractor will dump broken pavement at a disposal site designated by the parish at no added cost, provided that the disposal (dumping) site is within a 21-mile radius of the work site and may involve crossing the Mississippi River. Additionally, should the parish desire, the contractor will load removed pavement onto parish trucks at the work site at no added cost, provided the

parish trucks are present at the work site at the time of removal and do not unduly delay the contractor's work. However, the ultimate responsibility for disposal of all of the removed pavement rests with the contractor.

Care must be exercised so that jointing materials and devices adjacent to the concrete to be removed shall not be damaged. Any pavement damaged by the contractor as a result of negligence, either willful or accidental, will be replaced at the contractor's expense.

REMOVAL AND DISPOSAL OF EXISTING CONCRETE CURBS AND GUTTERS:

This work consists of furnishing all labor, equipment, materials and incidentals required to remove and dispose of existing concrete curbs and gutters.

This work will be paid for at the contract unit price per linear foot of curb or combination curb and gutter removed.

REMOVAL AND DISPOSAL OF EXISTING 32" HIGH CONCRETE BARRIER RAIL:

This work consists of furnishing all labor, equipment, materials and incidentals necessary to remove and dispose of existing concrete barrier rail in preparation for barrier rail repair and/or upgrade.

This work will be paid for at the contract unit price per linear foot of 32" high barrier rail removed, which includes furnishing all labor, equipment, materials and incidentals to complete this work. There will be "no direct payment" for sawcutting, reinforcement cutting, jack hammering, drilling, coring or guardrail detachment required for the removal of the barrier rail from the existing bridge deck or approach slab.

PORTLAND CEMENT CONCRETE PAVING:

This item covers the furnishing of all materials and installation of PCC pavements for thickness as shown. Concrete shall be Class A, 4000 PSI 72 hours high early strength, 5200 PSI at 28 days with a minimum of 7 sacks of cement.

Mix for 4000 PSI 72 hours

Slump range	2" - 5" (non-vibrated) 2" - 4" (vibrated)
Retarder	Required, use per manufacturer
Air entrainment	5% by volume, use per manufacturer
Cement	Type 1, 7 sacks/cu.yd.
Water	Potable, 6 gal./sack max.

Sand 994 lbs.

Gravel 1671 lbs.

Bid prices should include all costs for labor, equipment and materials necessary to provide finished Portland cement concrete paving, in place, as described under this item of the proposal. All required jointing materials shall be included in price bid under each item. Method of jointing shall be the same as the existing joints in the area of work, unless otherwise directed by the engineer reviewing the project.

Damaged, missing, and/or new transverse dowel bars and starlugs shall be replaced. 1-1/4" x 18" smooth dowel bars on 12" centers shall be used. The bars shall be placed in the existing pavement by drilling 1-3/8" holes to a depth of 9" and filling with an approved epoxy grout before inserting the dowel bars. Damaged, missing and/or new longitudinal dowel bars shall also be replaced. 1/2" x 24" deformed tie bars on 24" centers shall be used. These deformed tie bars shall be placed in the existing pavement by drilling 5/8" holes to a depth of 15" and filling with an approved epoxy before inserting the bars. Contractor is responsible for any deformed bars for longitudinal joints. If toeing under the slab is approved as an option by the parish representative in lieu of doweling, there is no additional compensation for concrete paving. Bid prices shall also include adequate curing of the concrete placed in the proper sealing of contraction and expansion joints.

Bid prices under this item shall also include costs for all layout and grades required to execute the work, such as grades for setting paving forms, etc.

Mixes shall conform to LADOTD Standard Specifications and latest edition and revisions and all applicable sections and as specified.

PORTLAND CEMENT CONCRETE MIXTURE CURBS AND GUTTERS:

The Portland cement concrete mixture for curb and combination curb and gutter grades for setting paving forms, etc.

Mixes shall conform to LADOTD Standard Specifications and latest edition and revisions and all applicable sections and as specified.

PORTLAND CEMENT CONCRETE CURBS AND GUTTERS:

The Portland cement concrete mixture for curb and combination curb and gutter construction shall be a minimum of 4000 PSI/72 hours, high early strength and also will provide proper workability, curb strength and minimum contraction cracking. PCC curbs and gutters may be placed by extruding machine or by forming and hand placement at contractor's option and will be bonded to holding surface in a manner approved by the Department of Streets, which may include doweling and/or an approved bonding agent.

The accepted quantities of curb and combination curb and gutter will be paid for at the contract unit price per linear foot, including all labor, equipment and materials incidental to the work.

Removal of existing curbs and gutters will be paid for separately under other items.

EXCAVATION AND FILL MATERIAL:

This item covers work and materials generally associated with base, shoulder, drainage and dress-up work. Excavation will be paid by cubic yard truck measure loaded at the job site or by computing theoretical volumes. Fill materials will be paid by cubic yard truck measure delivered to the work site. Bid prices shall include costs for compaction and grading of materials when used for the base construction.

Should the parish desire, the contractor will dump excavated material at a disposal site designated by the parish at no added cost, provided that the disposal (dumping) site is within a 21-mile radius of the work site and sometimes may involve crossing the Mississippi River. Additionally, should the parish desire, the contractor will load excavated materials onto parish trucks at the work site at no added cost, provided that the parish trucks are present at the work site at the time of excavation and do not unduly delay the contractor's work. However, the ultimate responsibility for disposal of all of the excavated materials rests with the contractor. Haul and/or loading tickets will be issued for each truck load of material delivered and placed on the job and/or truck load of excavated materials hauled from the job site.

All original haul tickets have to be furnished by the contractor for payment.

The contractor will exercise due caution regarding underground utilities during excavation operations and will cooperate with representatives of the utility companies and parish departments to avoid damage to their installations. However, contractor is ultimately responsible for all damages caused by his actions.

RECYCLED PORTLAND CEMENT CONCRETE:

Recycled Portland cement concrete shall be used from approved stockpiles. Stockpiles of crushed concrete shall be uniform and free from soils, reinforcing steel, debris, excessive amounts of asphaltic materials and other foreign matter. Material sampling shall be in accordance with the requirements for stone by the LADOTD, Section 301 of the Materials Sampling Manual. Crushed concrete shall conform to the abrasions and soundness for roads and bridges and conform to the following gradation:

Class I	
-----US sieve	
Percent passing	

1-1/2"	100
1"	90-100
3/4"	70-100

No. 4	35-65
No. 40	12-32
No. 200	5-16

Aggregate passing the No. 40 sieve shall have 100% passing through 4 inch mesh and a maximum of 20 percent passing through 2 inch mesh.

Aggregate passing the No. 40 sieve shall have a maximum liquid limit of 25 and a maximum plasticity index of 6.

Crushed concrete in Class II gradation shall have 100% passing through 4 inch mesh and a maximum of 20 percent passing through 2 inch mesh.

LIMESTONE FOR BASE AND SHOULDER:

Specifications shall be in accordance with referenced section in Louisiana Standard Specifications for Roads and Bridges, Section 1003.03(b) under "STONE". In addition, the material shall be calcitic or dolomitic with calcium carbonate not less than 85 percent and the silica content (impurities) not to exceed 5 percent.

TESTING:

The parish at its own will and expense can appoint an independent testing laboratory for material and construction testing. No advance notice of testing will be provided to the contractor. Also, testing by parish will not relieve contractor from his own testing procedures. In the event the test results either by contractor or parish do not meet the required specifications, contractor shall replace or reconstruct and correct all the deficiencies to satisfy the specifications, as stipulated by LADOTD current specifications and any revisions.

SAW CUTTING:

Machine saw cuts in concrete/asphalt pavement shall be paid for by linear foot per inch depth of cut and the depths shall be pre-approved by parish representatives and measured in the field.

DETECTABLE WARNINGS ON HANDICAPPED AND/OR CURB RAMPS:

Where necessary or as directed by the engineer, existing sidewalk and curbing at intersections and medians shall be broken and/or saw cut, removed and replaced with a new Portland cement concrete curb ramp for the handicapped. Curb ramps shall conform to ADAAG (Americans with Disabilities Acts Accessibility Guidelines) 4.7 and the latest Jefferson Parish Standard Plans depicting the details of detectable warnings.

Detectable warnings on handicapped ramps shall be placed according to the following methods:

- Installation of "terra cotta" colored cast-in-place, polymer composite, detectable/tactile warning surface tile (24" X 48").
- This work consists of furnishing all labor, equipment, materials and incidentals necessary to install "terra cotta" colored warning surface tiles with raised truncated domes that are 0.9 inch in diameter, 0.2 inches high and 2.35 inches center to center spaced on handicapped/curb ramps.
- This work will be paid for at the contract unit price per each tile installed, including all labor, equipment, materials and incidentals necessary to provide complete coverage.
- Any saw cutting of existing concrete, removal and disposal of existing concrete and furnishing, forming and placement of new Portland cement concrete for handicapped/curb ramps will be paid for separately under other items.

CRACK AND JOINT SEALING:

This item is to provide general sealing of cracks and/or joints in existing pavement. This work would usually be done in areas contiguous to a paving project being done under this contract. Bid prices should include all costs for labor, materials and equipment required to apply an approved liquid poured sealant of the asphalt type as specified under Section 1005.02 of Louisiana Specifications for Roads and Bridges, latest edition and revisions. Cracks and/or joints shall be cleaned by forced air and chipped if necessary in accordance with generally accepted procedures prior to pouring the sealant at no additional cost.

ASPHALT PAVEMENT:

The bituminous hot mix asphalt (Type III) shall conform to the latest ASTM and AAHSTO specifications. All workmanship, equipment and materials shall be in accordance with Sections 501, 503, 504, 505, 1002 and 1003 of the Louisiana Standard Specifications for Roads and Bridges, latest edition and revisions.

Bid prices for this work shall include all labor, equipment, materials and incidentals necessary to provide finished asphaltic concrete pavement in place.

Payment for asphaltic concrete binder course and wearing course in place shall be by the contract unit price per ton. There will be no direct payment for construction layout, tack coat or prime coat required to accomplish this work.

COLD PLANING EXISTING ASPHALT PAVEMENT:

All work shall be in accordance with Section 509 of the Louisiana Standard Specifications for Roads and Bridges, latest edition and revisions. Payment for this work shall be made at the contract unit price per square yard per inch of depth removed, which includes removal and disposal.

TIE ROD REPLACEMENT:

This work consists of furnishing all labor, equipment, materials and incidentals required to replace damaged or broken tie rods on existing bridge structures.

Contractor should note that a typical replacement tie rod has a nominal diameter of 7/8 inch; however, existing tie rod sizes in the field may vary. Contractor shall replace all existing tie rods in kind.

This work shall be paid for at the contract unit price per linear foot of the tie rod installed, including all labor, equipment, materials and incidentals to complete this work.

There will be "no direct payment" for the removal of existing tie rods or for furnishing and installing new hardware such as bolts, washers, etc. Any removal and reinstallation of deck panels necessary to perform this work will be paid for separately. Provide temporary support for the change out of deteriorated timber caps:

This work consists of furnishing all labor, equipment, materials and incidentals necessary for providing temporary support to existing bridge structures required for replacement of deteriorated timber caps.

This work will be paid for at the contract unit price per each support installed, based on a bridge width of 28 feet, including all labor, equipment, materials and incidentals to complete this work.

The contract unit price will be adjusted and prorated accordingly for widths other than 28 feet.

PILE ENCAPSULATION REPAIR

This item consists of providing all materials, equipment, labor and incidentals necessary for the repair and rehabilitation of damaged or deteriorated timber piling by way of pile encapsulation.

The general repair procedure shall be as follows:

- 1) Clean the perimeter of the existing pile by water blasting to ensure proper bonding between the pile and grout.
- 2) Install a carbon fiber mesh around the perimeter of the pile, overlap a minimum of 6 inches, tie the lap splice, and secure the mesh in place, ensuring that a 1 inch clearance is maintained between the mesh and pile.
- 3) Install a 1/8" thick translucent, ported, fiberglass jacket around the pile and carbon fiber mesh, ensuring that a 1 inch clearance is maintained between the mesh and jacket by way of adjustable standoffs. (Be sure to lightly roughen the inside of the jacket prior to installation to remove any residue or contaminants.)
- 4) Use 316 stainless steel rivets or screws on maximum 6 inch staggered centers to fasten the jacket ends together to form a complete encapsulation around the pile.
- 5) Temporarily install ratchet straps around the jacket assembly over the locations of the adjustable standoffs to secure the jacket in place.

- 6) Install a foam or rubber gasket at the bottom of the jacket to seal the bottom and prevent the grout from leaking out of the jacket during injection.
- 7) Inject grout in bottommost ports of the jacket to a level approximately 8 inches above the gasket and allow to cure for 24 hours.
- 8) After the bottom is sealed, continuously inject the grout from the bottom up using the grout ports on the jacket until the jacket is completely filled with grout.
- 9) Allow the grout to cure for 48 hours and remove the ratchet straps.

Material Properties

- Carbon Fiber Mesh (longitudinal x transverse spacing = 2.36 in x 2.36 in):

Properties	Longitudinal Properties	Transverse Properties
Individual strand cross-sectional area	0.00321 in ²	0.00321 in ²
Average number of strands per unit width	5.0 strands/ft	5.0 strands/ft
Area of strands per unit width	0.0241 in ² /ft	0.0241 in ² /ft
Strand tensile strength	830 lbs	730 lbs
Grab tensile strength per unit width	4,565 lbs/ft	4,015 lbs/ft
Tensile modulus of elasticity	34,000 ksi	34,000 ksi
Elongation at break	0.99%	0.94%

- Fiberglass Jacket:

Ultimate Tensile Strength	ASTM D638	15,000 psi
IZOD Impact Strength	ASTM D256	20 ft-lbf/in
Barcol Hardness	ASTM D2583	35
Water Absorption	ASTM D570	1% Max.
UV Stability	ASTM G23	500 Hr. Pass

- Non-Shrink Cementitious Grout:

Compressive Strength (@ 1 Day)	ASTM C-109	2,500 psi
Compressive Strength (@ 3 Days)	ASTM C-109	5,500 psi
Compressive Strength (@ 7 Days)	ASTM C-109	7,500 psi
Compressive Strength (@ 28 Days)	ASTM C-109	9,000 psi
Initial Set Time (@ 70°)	ASTM C-266	2 hours
Initial Set Time (@ 40°)	ASTM C-266	10 hours
Final Set Time (@ 70°)	ASTM C-266	4 hours

Final Set Time (@ 40°)	ASTM C-266	12 hours
Flexural Strength (@ 28 Days)	ASTM C-190	1,410 psi
Tensile Strength (@ 28 Days)	ASTM C-190	600 psi
Coefficient of Thermal Expansion	ASTM C-531	4.65 x 10 ⁻⁶ in/in/°F
Bond Strength (@ 7 Days)	ASTM C-882	1,500 psi

- Epoxy Grout:

Compressive Strength (@ 7 Days)	ASTM C579	10,500 psi
Tensile Strength (@ 7 Days)	ASTM C307	2,200 psi
Bond / Shear Strength (@ 7 Days)	ASTM C882	2,000 psi
Shrinkage	ASTM C531	0.07% Max.
Water Absorption	ASTM C413	0.45% Max.

Product cut-sheets for carbon fiber mesh, fiberglass jackets, and grout shall be submitted to the Engineer for review and approval prior to the placement of any material orders. This work shall be paid for per linear foot of encapsulation, measured longitudinally along the pile, which includes all materials, equipment, labor and incidentals required to repair timber piling as described above. Removal, disposal and replacement of the cross (sway) bracing and any dewatering efforts are not included in this item and shall be paid for separately under other applicable contract items.

REMOVAL AND DISPOSAL OF EXISTING PRECAST BRIDGE PANELS (WASKEY SLAB, CHANNEL BEAM OR SIMILAR):

This work consists of furnishing all labor, equipment, materials and incidentals necessary to remove and dispose of existing precast concrete bridge panels where indicated on the plans and/or directed by the engineer.

This work will be paid for at the contract unit price per square yard of panels removed, including all labor, equipment, materials and incidentals to complete this work. There shall be "no direct payment" for removal of existing tie rods, post tensioning cables, bolts and/or hardware required to accomplish this work.

Upon request of the project representative for the parish, the existing panels shall be delivered to and unloaded at a designated parish owned site within a 21-mile radius of the project at no additional cost.

REMOVAL AND DISPOSAL OF EXISTING CAST-IN PLACE PCC BRIDGE DECK:

This work consists of furnishing all labor, equipment, materials and incidentals necessary to remove and dispose of existing cast-in-place concrete bridge deck where indicated on the plans or directed by the engineer. This work will be paid for at the contract unit price per square yard of concrete removed, including all labor, equipment, materials and incidentals necessary to complete this work. There shall be "no direct payment" for saw cutting, cutting reinforcement, jack hammering, drilling, and/or coring required for completion of this work.

REMOVAL AND REINSTALLATION OF EXISTING PRECAST BRIDGE PANELS:

This work consists of furnishing all labor, equipment, materials and incidentals necessary for the removal and reinstallation of existing precast bridge panels (waskey slab, channel beam or similar).

This work will be paid for at the contract unit price per each unit removed and replaced, including all labor, equipment, materials and incidentals required for completion of work. There shall be "no direct payment" for removal and reinstallation of existing tie rods, or other hardware necessary to accomplish this work. Any work associated with the replacement of 30# tarred felt atop existing caps before reinstallation will be considered incidental.

REMOVAL AND DISPOSAL OF EXISTING VERTICAL DOWEL BARS AND/OR DRIFT PINS FROM BENT CAPS:

This work consists of furnishing all labor, equipment, materials and incidentals necessary for removal and disposal of existing vertical dowel bars and/or drift pins from concrete bent caps where indicated on plans or directed by the engineer.

Contractor will be required to use either a torch or saw equipped with a blade capable of cutting metal. Dowels and/or pins shall be cut off flush with the top of existing cap.

This work will be paid for at the contract unit price per each bar cut, including all labor, equipment, materials and incidentals required to complete this work.

REMOVAL AND REPLACEMENT OF BRICKS WITHIN MASONRY FACADES:

This work consists of furnishing all labor, equipment, materials and incidentals necessary to remove and replace brick on structures (facades), including but not limited to, bents, columns and planters.

All brick shall comply with Subsections 1004.02 and 1004.03 of the Louisiana Standard Specifications for Roads and Bridges, latest edition.

This work will be paid for at the contract unit price per each brick installed, which includes all labor, equipment, materials and incidentals necessary to complete this work. Contractor shall note that there will be "no direct payment" for any scaffolding needed to accomplish this work.

INSTALLING STEEL CHANNELS ON CONCRETE PILE CAPS:

This item consists of providing all materials, equipment, labor and incidentals required for the installation of steel channels on existing concrete pile caps.

Specifications for installing the steel channels on concrete pile caps are as follows:

- A) Trubolt wedge anchors shall be of stainless steel per AISI 304 manufactured by Red Head, Catalog No. WW-7880, 7/8" diameter, 8" overall length and 3-3/4" minimum embedment in concrete.
- B) Channels shall be C15x40 (with 1/2" stiffeners at 6" centers when applicable) hot-dipped galvanized, per ASTM A 123. After fabrication, areas that have voids in the coating, due to mechanical damage in the field, shall be repaired with cold galvanizing compound per the manufacturer's written recommendation and ASTM A 780.
- C) Installation procedures for trubolt wedge anchor: holes shall be drilled with a percussion or rotary hammer drill and carbide drill bit equal to the diameter of anchor being installed and meeting the tolerance specifications of ANSI B94.12-1977. Core drilling or rotational only drilling, of any kind, will not be allowed.

Holes will be drilled to a depth greater than the intended embedment of the anchor and cleaned of concrete dust and debris with forced air. Hole cleaning may be avoided if holes are drilled to a depth of two anchor diameters beyond the intended embedment, or if drilling overhead.

The wedge anchor is then hammered into the hole with the nut and washer installed flush with the end of the anchor to protect the length identification markings. The anchor shall then be torqued to the manufacturers recommended setting.

This work will be paid for per linear foot of steel channel, which includes all materials, equipment, labor and incidentals to install steel channels as described above to complete the repair.

Drilling holes into existing concrete for dowel bar and/or reinforcement installation:

This work consists of furnishing all labor, equipment, materials and incidentals necessary for drilling holes into existing concrete breastwalls/wingwalls, piles and bent caps in order to secure dowel bars and/or reinforcing bars. This work does not include furnishing or installing dowel bars, reinforcing bars or epoxy.

This work will be paid for per linear foot of drilled hole depth, including all labor, equipment, materials and incidentals required to complete this work. Payment for the furnishing and installation of dowel bars, reinforcing bars and epoxy for setting these bars will be paid for separately under other items.

TREATED TIMBER PILES:

This work consists of furnishing and driving piles of the kind and size designated to the required penetration.

Timber piles shall be Southern Yellow Pine or Douglas Fir, Class "B" treated and shall conform to ASTM D25 and in accordance with Sections 804 and 1014 of the Louisiana Standard Specifications for Roads and Bridges, latest edition. Depending on location and site condition, the "owner" reserves the right to specify any of the timber preservatives shown in Section 1014.03 of the Louisiana Standard Specifications for Roads and Bridges, latest edition.

A minimum of four (4) piles will be ordered at each time of same length or combination as required. Piles that are unused shall be hauled to a site within a 21-mile radius of the work site at no expense to the parish.

Treated timber piles will be paid for by each, at specified length, which includes furnishing all equipment, labor and materials to complete the work.

TREATED TIMBER:

This work consists of furnishing and installing treated timber in bridge bulkhead/windwalls and sway bracing on bridge bents.

Timber shall be Southern Yellow Pine, Grade 1 Dense Sr Timber or Douglas Fir graded "select structural", in accordance with Sections 812 and 1014 of the Louisiana Standard Specifications for Roads and Bridges, latest edition.

Depending on location and site condition the "owner" reserves the right to installing treated timber in bridge bulkhead/windwalls and sway bracing on bridge bents.

Timber shall be Southern Yellow Pine, Grade 1 Dense Sr Timber or Douglas Fir graded "select structural", in accordance with Sections 812 and 1014 of the Louisiana Standard Specifications for Roads and Bridges, latest edition. Depending on location and site condition the "owner" reserves the right to specify any of the timber preservatives shown in section 1014.13 of the Louisiana Standard Specifications for Roads and Bridges, latest edition.

Treated timber will be paid for per BDFT (board foot measure) which includes furnishing all equipment, labor and materials necessary to complete the work.

There shall be "no direct payment" for any necessary removal of existing timber, connectors, hardware and structural shapes. Timber connectors, hardware and structural

shapes required to connect to new timber and any necessary work associated with existing drain lines, shall be incidental to the bid unit prices under this item. All timber connectors, hardware and structural shapes shall conform to Sections 1018.07 and 1018.08 of the Louisiana Standard Specifications for Roads and Bridges, latest edition.

GEOTEXTILE FABRIC:

This work consists of furnishing and installing geotextile fabric in locations designated and/or directed by the engineer, in conformity with the requirements of Section 1019 of the Louisiana Standard Specifications for Roads and Bridges, latest edition. Installation must be in strict accordance with manufacturer's instructions and requirements.

Geotextile fabric will be paid for per square yard, which includes furnishing all equipment, labor, materials and incidentals necessary to complete the work.

STRUCTURAL CONCRETE:

This work consists of furnishing, forming, placing, finishing and curing Portland cement concrete for bridge decks, pile bent caps, piles, wingwalls/breastwalls, headwalls, transition flumes, maintenance slabs and other structures.

Concrete shall conform to Sections 805, 813, and 901 of the Louisiana Standard Specifications for Roads and Bridges, latest edition.

Concrete will be paid for at contract unit price bid, which includes furnishing all equipment, labor, materials and incidentals necessary to complete the work. Reinforcing steel shall be paid for separately.

REINFORCING STEEL:

This work consists of furnishing and placing reinforcing steel for reinforced Portland cement concrete structures.

Reinforcing steel shall be Grade 60 deformed bars conforming to ASTM 615, or ASTM 616, or ASTM 617, in accordance with Sections 806 and 1009 of the Louisiana Standard Specifications for Roads and Bridges, latest edition.

Reinforcing steel will be paid for by the pound, which includes furnishing all equipment, labor, materials and incidentals necessary to complete the work.

REPLACEMENT OF PRECAST CONCRETE WASKEY BRIDGE DECK SLAB UNITS:

This work consists of furnishing all labor, materials, equipment and incidentals required for the installation of new precast concrete waskey bridge deck slab units.

New slab units shall be 19'-0" long, 4'-0" and/or 3'-6" wide (or of total width as designated by the engineer), 10 inch deep, precast concrete as manufactured by Waskey Bridges, Inc.

Contractor is cautioned that in order to install the new deck slabs, existing adjacent slab units and tie-rods will have to be removed. Contractors shall replace the 2 layers of 30# tarred felt, hot-mopped, on top of the existing cap prior to reinstalling the new units. All joint materials shall be replaced once deck units are in place.

New concrete bridge slabs will be paid for per square foot, which includes furnishing all equipment, labor and materials necessary to complete the work.

Removal and reinstallation of deck panels adjacent to the location(s) of new panel(s), removal and disposal of deck panels to be replaced, and sealing of decks joints after installation will be paid for separately under other items.

HYDRAULIC FILL GROUT:

This work consists of furnishing all labor, materials, equipment and incidentals required to place hydraulic fill grout underneath bridge approach slabs and/or streets at locations directed by the engineer.

Normal hydraulic fill grout is a soil-cement slurry composed of pumped river sand and three (3) (minimum) sacks of cement per cubic yard, with water added to allow material to be pumped.

Non-shrink grout shall conform to ASTM C 1107 and shall be a commercial formulation suitable for the application proposed.

Contractor shall drill at "no direct pay" a sufficient number of holes no more than 6 feet apart from each other, in each approach slab and/or street pavement to allow proper placement of fill.

Hydraulic fill grout will be paid for by the cubic yard which includes furnishing all equipment, labor, materials and incidentals to complete the work.

FLOWABLE FILL

Subsequent to driving open-ended steel pipe piling (Items 642 and 644), flowable fill shall be used to completely fill the exposed ends of open-ended steel pipe piles, from the cutoff elevation to the soil plug elevation inside each pile. The flowable fill shall be a cementitious mixture of Portland cement, fly ash, fine aggregate, entrained air, and appropriate admixtures. The mix consistency shall be as follows:

MATERIAL	QUANTITY
Portland Cement	75 – 100 lb/cu yd
Fly Ash	0 – 150 lb/cu yd
Air	10 – 35%
Concrete Sand	Proportioned to yield 1 cu yd
Moist Unit Weight	90 – 110 lb/cu ft
28 day Compressive Strength	Maximum 100 psi

The flowable fill mix design shall produce a consistency that will result in a flowable, self-leveling product at the time of placement. Flowable fill may be placed by either pouring or pumping the material into the exposed pipe ends. Concrete caps shall not be constructed until the flowable fill has cured for a minimum period of 24 hours.

REVETMENTS:

This work consists of furnishing and constructing revetments for protection of embankment slopes, stream channels and other areas.

Revetments shall be constructed at locations designated by the engineer and in accordance with Section 712 of the Louisiana Standard Specifications for Roads and Bridges, latest edition.

Revetments will be paid for by square yard or by sack which includes furnishing all equipment, labor, materials and incidentals necessary to complete the work.

32" HIGH CONCRETE BARRIER RAIL, BARRIER RAIL TRANSITION END, AND TAPER-DOWN BARRIER:

This work consists of furnishing all labor, materials, equipment and incidentals required to install concrete barriers, barrier rail transition ends and taper-down barriers on bridges and/or approach slabs.

Concrete barriers, barrier transition ends and taper-down barriers shall be constructed in accordance with standard plans in LADOTD Bridge Design Manual, latest edition and any further revisions.

Concrete barriers, barrier transition ends and taper-down barriers will be paid for by the linear foot, which includes furnishing all equipment, labor, materials and incidentals necessary to complete the work.

Reinforcing steel and hardware required for the concrete barrier rails will be considered as incidentals to the work and will not be paid separately.

GUARDRAILS:

This work consists of furnishing and constructing w-beam/thrie beam type highway guardrail to the configuration as directed by the field engineer. Materials and workmanship shall conform to Section 704 of the Louisiana Standard Specifications, latest edition and revisions and applicable sections. Installation of specific end sections will be designated by the field engineer and shall conform to guardrail details of the LADOTD drawings dated May 28, 1997, Sheets 1 through 11, GR-200 and any further revisions.

The contractor shall be responsible for the removal of old or damaged rail assemblies at no added expense, and such rail shall become property of the contractor.

Additional work such as having the rail conform to a given radius shown on plan shall be considered incidental to the job.

Guardrail will be paid for by the linear foot installed and not by length fabricated, which includes furnishing all equipment, labor, materials and incidentals necessary to complete the work.

RELOCATING 15 FT. LONG TEMPORARY PRECAST CONCRETE BARRIERS:

This work consists of furnishing all labor, equipment, materials and incidentals necessary to relocate temporary precast concrete barriers in order to accommodate phased construction or as directed by the engineer during the course of construction.

This work will be paid for at the contract unit price per each 15 ft. Unit relocated per occurrence, which includes all labor, equipment, materials and incidentals necessary to complete this work.

TRAFFIC CONTROL DEVICES:

All traffic control devices shall be installed according to the plans provided by the engineer or the specifications in the Manual of Uniform Traffic Control Devices (M.U.T.C.D.), latest edition. Payment for all traffic control devices shall be per bid price for each item, including all labor, materials, equipment and incidentals necessary to provide adequate traffic control per project.

On occasion, electronic flash boards may be required to control expeditious traffic movement. Use of electronic flash boards authorized by the project engineer will be compensated at the bid unit price for flashing yellow arrow board.

On occasion, as authorized by Traffic Engineering, Jefferson Parish/State Police Officials may be needed to direct traffic. The contractor shall be compensated on an hourly basis (minimum 4 hours) at the bid unit price for police detail for traffic control.

PERFORATED PLASTIC UNDERDRAIN PIPE:

This work consists of furnishing and installing plastic underdrain pipe in place, which is perforated as specified.

The pipe shall be one of the following:

- A) Acrylonitrile-Butadiene-Styrene (AS):
Acrylonitrile-Butadiene-Styrene shall conform to ASTM D 2751, SDR 35, perforations, if specified, shall conform to AASHTO M 252.
- B) Corrugated Polyethylene (PE):
Corrugated Polyethylene shall conform to AASHTO M 252 Type C. Perforations, if specified, shall conform to AASHTO M 252.
- C) Polyvinyl Chloride (PVC):
Polyvinyl Chloride shall conform to AASHTO M 278 or ASTM D 3034 SDR 35. Perforations, if specified, shall conform to AASHTO M 252.
- D) Polyethylene Pipe (smooth wall):
Polyethylene Pipe (smooth wall) shall conform to ASTM F 714, DR 11 with a minimum cell Classification of 33543C in accordance with ASTM D 3350, perforations, if specified, shall conform to AASHTO M 252.
- E) Corrugated Polyethylene Culvert Pipe (double wall) (CPECP):
Corrugated Polyethylene Culvert Pipe shall be AASHTO M 252 and AASHTO M 294, Type S.

Perforated plastic underdrain pipe shall be paid for by linear foot which includes furnishing all labor, materials, equipment and incidentals necessary to install the pipe in place.

POLYMER-MODIFIED, PORTLAND CEMENT MORTAR REPAIRS TO CONCRETE BRIDGE SECTIONS:

This work consists of furnishing all materials, equipment and performance of all labor to apply an approved structural repair mortar to existing concrete bridge sections where indicated on the plans and/or directed by the engineer in accordance with the manufacturer's specifications.

Materials used shall be polymer-modified Portland cement, 2-component, fast setting, non-sag, patching mortar. It shall be specially formulated for application by trowel to vertical and overhead surfaces. The repair mortar used shall be from Sikatop 123 Plus or an approved equal.

The concrete in the vicinity of the spalled area(s) shall be removed to sound concrete. The concrete at the perimeter of these areas shall be removed to a minimum depth of 1" with square corners.

Prior to application, the existing surface shall be prepared by removing all deteriorated concrete, dirt, oil, grease and any other compounds which would inhibit material bonding to the existing surface. Exposed rebar shall be wire brushed to remove all loose scale or rust. The prepared surface shall be saturated with clean water before application of mortar.

The structural repair mortar shall be applied according to the manufacturer's written recommendations and in such a manner as to form surfaces that follow the original surfaces.

Repair mortar will be paid for per cubic foot, which includes furnishing all labor, materials, equipment and incidentals necessary to complete the work.

TYPE I GRADE A EPOXY FOR SETTING DOWEL BARS, DRIFT PINS AND REINFORCING BARS:

This work consists of furnishing all labor, equipment, materials and incidentals necessary for applying Type I Grade A Epoxy to drilled holes for setting reinforcing bars, dowel bars and drift pins into existing concrete for applications such as wingwall/breastwall extensions, concrete barrier rail retrofits and any other application that would require dowels or reinforcement to be set into holes drilled into existing concrete bridge sections.

Epoxy shall conform to the requirements of Section 1017 of the Louisiana Standard Specifications for Roads and Bridges, latest edition.

This work will be paid for at the contract unit price per quart of material used, including all labor, equipment, materials and incidentals necessary for completion of work. Drilling holes and furnishing and installing reinforcement and/or dowels will be paid for separately under other items.

GALVANIZED SHEET METAL PILE COVER:

This work consists of furnishing all materials, equipment, labor and incidentals necessary to install galvanized sheet metal covers on top of piles.

Materials used shall be 2'-0" x 2'-0", 28 gauge galvanized sheet metal put on top and bent around each pile. Before placing the sheet metal cover, place 2 layers of heavy canvas (20" x 20") saturated with hot asphalt over the top of each pile.

Galvanized sheet metal pile cover will be paid for by each, which includes all materials, equipment, labor and incidentals necessary to complete the work.

REMOVAL OF HANDRAIL:

This work shall consist of furnishing all labor and equipment necessary to remove existing metal and wood handrail of variable height along with any associated brackets and fasteners.

Payment for this work shall be per linear foot of handrail removed.

STEEL HANDRAIL:

This work consists of furnishing all labor and materials for constructing steel pipe handrail in accordance with dimensions and details shown on attached Drawing 1.

Steel pipe shall conform to the requirements of ASTM A-53, Grade B vertical pipe members shall be nominal 2-inch diameter Schedule 80 black pipe. Horizontal pipe members shall be nominal 2-inch diameter Schedule 40 black pipe. Steel plate and bars shall conform to the requirements of ASTM A-36. All bolts, nuts and washers shall conform to the requirements of ASTM A-307, Grade A pipe used for post and railing, all base plates, bars, bolts, nuts and washers shall be hot-dipped galvanized after fabrication.

Trailing and leading handrails will require rounded ends for safety. This shall be considered incidental, and all labor, equipment and materials necessary to accomplish such shall be included in the bid price.

The removal of existing handrail prior to installation of new handrail will be paid for separately under the removal of handrail bid item.

GRASS SOD:

This work consists of furnishing all labor, equipment, materials and incidentals required to haul, plant, roll, fertilize, water (up to 3 times until acceptance of project), and maintain live grass sod where indicated on the plans or as directed by the engineer.

All work shall be in accordance with Sections 714 and 718 of the Louisiana Standard Specifications for Roads and Bridges, latest edition.

This work will be paid for at the contract unit price per square yard of sod installed, including all necessary labor, equipment, materials and incidentals required for completion of work. There shall be "no direct payment" for watering and fertilizing.

GRASS SEED:

This work consists of furnishing all labor, equipment, materials and incidentals required to prepare seed beds, furnish and sow grass seed, fertilize and water (up to 3 times until acceptance of project) where indicated on the plans or as directed by the engineer.

All work shall be in accordance with Sections 717 and 718 of the Louisiana Standard Specifications for Roads and Bridges, latest edition.

This work will be paid for at the contract unit price per pound of seed placed, including all necessary labor, equipment, materials and incidentals required for completion of work. There shall be "no direct payment" for watering and fertilizing.

HYDRO-SEEDING:

This work consists of preparing seed beds and sowing grass seed utilizing hydro-seeding equipment and methods in order to establish a turf grass cover to areas designated on the plans or as directed in accordance with Section 739 of the Louisiana Standard Specifications for Roads and Bridges, latest edition. This item will be paid at the contract unit price per square yard of hydro-seeding installed, including all necessary labor, equipment, materials and incidentals required for completion of work.

PEDESTRIAN BRIDGE:

This work consists of furnishing and installing a fully engineered clear span pedestrian bridge of welded aluminum construction with an inside clear width of 6'-0" and an overall height of 5'-6".

Bridges shall be as manufactured by Gator Bridge, 2880 Mellon Ville Avenue, Sanford, Florida 32773 (or equal), designed and fabricated in accordance with "specifications and guidelines for aluminum structures" published by the aluminum association and the AASHTO Guides Specification for Pedestrian Bridges, 1997 edition.

Bridges shall be fabricated from alloy 6061-TC. Aluminum alloy products shall conform to the requirements of the applicable ASTM standards listed below:

Standard Structural Shape:	ASTM B 308
Extruded Structural Pipe & Tube:	ASTM B 429
Extruded Bars, Rods, Shapes & Tubes:	ASTM B 221
Drawn Seamless Tubes:	ASTM B 210
Rolled or Cold-Finished Bars, Rods and Wire:	ASTM B 211
Sheet and Plate:	ASTM B 209

Alloy welding electrodes shall conform to the requirements of American Welding Society Specification AWS D1.2, "structural welding code – aluminum", except that they shall be uniformly and heavily coated (not washed) and shall be of such a nature that the coating does not chip or peel while being used with the maximum amperage specified by the manufacturer. All welds are to be 100% visually inspected.

Pedestrian bridges shall be designed for an evenly distributed live load of 85 pounds per square foot of deck area. A minimum wind load of 35 pounds per square foot shall be applied to the full vertical area of the bridge, and the maximum lateral and vertical deflections, due to wind load and live load, shall not exceed 1/500.

Pedestrian bridges shall have a vertical camber to offset dead load and appear to be flat.

The floor decking shall be constructed of aluminum 6061-T6 ribbed planks to provide a slip resistant walking surface.

All railing shall have a smooth inside surface with no protrusions or depressions. All ends of angles and tubes shall be closed and ground smooth. All railing shall be a

minimum height of 42" above the floor deck. Vertical pickets shall be placed so that they prevent a 4" diameter sphere from passing through the truss. All pickets and rails (if applicable) shall be placed on the inside of the truss.

Method of bolting field splices, information as to bridge support reactions, anchor bolt spacing, location and placement will be furnished by the manufacturer and approved by the engineer.

Pedestrian bridges will be paid for by each, at specified length, which includes furnishing all labor, materials, equipment and incidentals necessary to install the bridge in place.

Anchor bolts, bearing pads and/or related hardware will be considered as incidentals to the work and will not be paid separately.

Piling, bulkhead, wingwalls, bent caps or end abutments and approach slabs shall be paid for under other pay items in this contract.

REMOVAL AND DISPOSAL OF EXISTING PEDESTRIAN BRIDGE:

This work consists of furnishing all labor, equipment and materials necessary to remove and properly dispose of existing timber, steel or concrete pedestrian bridge structures. Removal shall incorporate all substructure, super structure and deck elements, including but not limited to, handrail. Piling shall be removed to a depth of three (3) feet below existing grade or canal bottom.

This work shall be paid for at the contract unit price per square foot of horizontal bridge surface area removed. The length shall be measured from the outside edges of the end bents and the width shall be measured to the outside edges of the deck.

PZ27 STEEL SHEET PILING (PERMANENT):

This work consists of furnishing all labor, equipment, materials and incidentals necessary to permanently install PZ27 steel sheet piling as per plans and in accordance with Section 803 of the Louisiana Standard Specifications for Roads and Bridges, latest edition.

All sheeting shall be new and shall receive corrosion protection in accordance with Subsection 803.06.

Permanent sheet piling shall be measured and paid for by the square foot of vertical surface area installed.

PZ27 STEEL SHEET PILING (TEMPORARY):

This work consists of furnishing all labor, equipment, materials and incidentals necessary to install and remove PZ27 steel sheet piling as per plans or as necessary to facilitate construction and in accordance with Section 803 of the Louisiana Standard Specifications for Roads and Bridges, latest edition.

Temporary sheeting may be new or used and will not require corrosion protection. All sheeting classified as "temporary" shall remain the sole property of the contractor. Temporary sheet piling shall be measured and paid for by the square foot of vertical surface area installed and removed.

STEEL PIPE PILES

This work consists of furnishing and driving open-end, steel pipe piles to the required tip penetration shown on the plans or to refusal as determined in the field by the Jefferson Parish Representative.

Pipe piles shall be driven in 10-foot sections and spliced by field welding in accordance with the welding procedure of AWS D1.1. All field welded splices shall develop the full strength of the pile. Friction splices will not be accepted unless supplemented by welding.

Piling shall be open-end, ASTM A252, Grade 2 steel pipe pile with outside diameters of 12-3/4 inches and 14 inches. The minimum wall thickness of the steel pipe piles shall be 0.375 inches. The minimum required tensile and yield stresses of the pile material shall be 60ksi and 35ksi, respectively.

Open-end steel pipe piles will be paid for by linear foot installed, which includes furnishing all equipment, labor, materials and incidentals to complete the work. All equipment, materials, labor and incidentals associated with welded splicing shall be included in this linear foot price. Any equipment, materials, labor and incidentals related to saw cutting or torch cutting necessary to attain finished pile elevation shall also be included in this linear foot price.

Mobilization for this work is not included. Mobilization will be paid for separately under the appropriate pile driving mobilization item.

REPLACE DAMAGED HANDRAIL IN-KIND:

This work consists of furnishing all labor, equipment, materials and incidentals necessary to replace sections of damaged handrail in-kind.

Items associated with this work shall be used solely for the replacement of sections of existing handrail that have been damaged and must be replaced in-kind to match the remaining undisturbed railing system.

All rails are commonly between 40 and 60 inches in height and are made up of both horizontal and vertical tubular members.

The contractor is responsible for carefully measuring each existing rail and replicating the replacement rail accordingly.

This work shall be measured and paid for at the contract unit price per linear foot of rail installed.

The removal of existing handrail prior to installation of new handrail will be paid for separately under the removal of handrail bid item.

LOADING PERMANENT PILING:

This work consists of furnishing all labor, equipment, materials and incidentals necessary to adequately perform static load testing on permanent piling driven in place as ordered by the engineer or shown on the plans.

All work shall comply with Section 804 of the Louisiana Standard Specifications for Roads and Bridges, latest edition.

This work shall be measured and paid for at the contract unit price per each static load test performed.

ARTICULATING BRIDGE INSPECTION PLATFORM (SNOOPER TRAILER) AND OPERATOR (RENTAL):

This bid item consists of furnishing one (1) articulating bridge inspection platform, commonly called a snooper trailer and one (1) operator capable of safely operating this particular type of machinery, for inspection and maintenance purposes.

Payment for this item shall be made per day of rental, including the operator and delivery to and pick-up from the designated project site by the contractor. All work associated with delivery and pick-up shall be considered incidental. Payment for the operator's time shall be included in the bid price for this item.

REMOVAL AND DISPOSAL OF EXISTING VEHICULAR BRIDGES:

This work consists of furnishing all labor, equipment and materials necessary to remove and properly dispose of existing timber, steel or concrete vehicular bridge structures. Removal shall incorporate all substructure, superstructure and deck elements, including, but not limited to, bridge rail, curbing, breastwalls and wingwalls. Piling shall be removed to a depth of three (3) feet below existing grade or canal bottom.

This work shall be paid for at the contract unit price per square foot of horizontal surface area. The length shall be measured from the outside edges of the end bents and the width shall be to the outside edges of the deck.

(PRECAST) PRESTRESSED CONCRETE PILING:

This work consists of furnishing all labor, equipment, materials and incidentals necessary to provide and install precast, prestressed concrete piles as per plans or the direction of the engineer.

All work shall comply with Section 804 of the Louisiana Standard Specifications for Roads and Bridges, latest edition.

All piling shall conform to the criteria listed on DOTD Standard Detail CS-216.

Piling will be measured and paid for by the linear foot of pile furnished and installed below the cut-off elevation.

THIS SPECIFICATION APPLIES TO ITEMS 1560 AND 1570:

This item is to include the complete removal of debris/sediment from the drains/scuppers and complete flushing of the drainage system (troughs, pipes, etc.). All labor, material, equipment, mobilization, incidentals, etc., including traffic controls, is to be included in the unit price. The limits of this interchange will be the elevated structure from the ground levels of the northern side of Causeway Blvd. to the southern ramps of the traffic circle (back to the elevated portion of Causeway Blvd.), the entire elevated traffic circle and all four (4) ramps that tie-in to Airline Dr.

The contractor will provide at least one crew per day to perform this task. A crew will comprise of:

- 1 – Superintendent
- 1 – Labor Foreman
- 2 – Laborers

In the event that inclement weather causes work to cease, three (3) work hours or more for weekday work and five (5) hours or more for weekend work will constitute one day of work for payment purposes.

THIS SPECIFICATION APPLIES TO ITEMS 1580 THROUGH 1630:

This item is to include the complete removal of debris/sediment from the drains/scuppers, and complete flushing of the drainage system (troughs, pipes, etc.). All labor, material, equipment, mobilization, incidentals, etc., including traffic controls, is to be included in the unit price.

The contractor will provide at least one crew per day to perform this task. A crew will comprise of:

- 1 – Superintendent
- 1 – Labor Foreman
- 2 – Laborers

In the event that inclement weather causes work to cease, three (3) work hours or more for weekday work and five (5) hours or more for weekend work will constitute one day of work for payment purposes.

THIS SPECIFICATION APPLIES TO ITEMS 1640 THROUGH 1730:

This is a "NO BID" Item

This work consists of the movement of all personnel, equipment and supplies to a designated project site and the handling of bonds, insurance, permits and all other preconstruction paperwork in general preparation of work on a particular project.

Payment for this work shall be per each individual project according to the total project cost range stipulated. The mobilization charge will be a percentage of the total project cost (based on the summation of the pay items utilized, excluding pile driving mobilization) as dictated by the various project cost ranges specified in the associated line items.

[If pile driving is required for a given project, the additional mobilization calculation for pay items 1640-1730 will be determined by: (TOTAL PROJECT COST Minus PILE DRIVING MOBILIZATION COST) x THE APPLICABLE PERCENTAGE AS PER THE RANGES SPECIFIED HEREIN.

The anticipated costs for all bonds, insurance, permits, delivery charges, freight, fuel and any other preconstruction expenses necessary to adequately carry out said work shall be included in this cost per each project.

THIS SPECIFICATION APPLIES TO ITEM 1720:

THIS ITEM REPRESENTS THE ADDITIONAL FEE (EXPRESSED IN %) OWED TO THE CONTRACTOR FOR NIGHT WORK.

NIGHT WORK IS DEFINED AS WORK PERFORMED BETWEEN THE HOURS OF 7:00PM AND 7:00AM.

WHILE PERFORMING NIGHT WORK, ONLY THOSE ITEMS USED WILL BE PAYABLE UNDER THE NIGHT WORK LINE ITEM 1720.

ADDITIONAL FEE FOR NIGHT WORK IS TO BE EXPRESSED IN PERCENTAGE AND DOLLAR AMOUNT AS FOLLOWS:

A. SUM OF "TOTALS" FOR ITEMS 0010 THROUGH 1710.
\$ _____

B. INDICATE PERCENTAGE (%) THAT WILL BE CHARGED FOR ITEMS 0010 THROUGH 1710 THAT ARE USED WHILE PERFORMING NIGHT WORK.
_____ %

C. FOR BIDDING PURPOSES, THE PARISH ANTICIPATES THAT 5% OF ALL WORK PERFORMED UNDER THIS CONTRACT WILL BE NIGHT WORK. THE PERCENTAGE (%) MAY BE MORE OR MAY BE LESS.

MULTIPLY 5% BY YOUR PERCENTAGE (FROM B ABOVE) THAT WILL BE CHARGED FOR NIGHT WORK.

D. MULTIPLY THE DOLLAR AMOUNT OF (A) BY THE PERCENTAGE DERIVED FROM (C) TO GET A DOLLAR VALUE.

E. THE TOTAL OF (D) IS TO BE ENTERED AS "UNIT PRICE QUOTED" FOR ITEM 1720.

FOR BIDDING PURPOSES:

THE "UNIT PRICE QUOTED" ABOVE (C) WILL ONLY BE USED IN DETERMINING THE LOW BID.

FOR INVOICING PURPOSES:

THE PERCENTAGE INDICATED ABOVE IN (C) WILL BE USED FOR INVOICING OF NIGHT WORK.

THE CONTRACTOR WILL BE REQUIRED TO SUBMIT SEPARATE INVOICES FOR NIGHT WORK.

THIS SPECIFICATION APPLIES TO ITEMS 1740 THROUGH 1760:

This work consists of the movement of all personnel, equipment and supplies to a designated project site and the handling of all bonds, insurance, permits and all other preconstruction paperwork in sole preparation for supplying the pile driving equipment (not the pile/material as indicated by line items 0530-0600, 0630, 0640, 0642 and 0644) for a particular project. This item is to be used when and only when, pile driving activities are needed at a particular location.

Payment for this work shall be per each individual pile driving project according to the pile quantities stipulated in the associated line items (0530-0600, 0630, 0640, 0642 and 0644). The anticipated costs for all bonds, insurance, permits, delivery charges, freight, fuel and any other preconstruction expenses necessary to adequately carry out said pile driving operations shall be included in this cost per each pile driving project.

In addition, if other work in conjunction with pile driving is required for the same repair/project, then mobilization (Items 1640-1730) will be allowed to be charged as well.

THIS SPECIFICATION APPLIES TO ITEM 1770:

This item represents the additional fee (expressed in %) owed to the contractor for night work.

Night work is defined as work performed between the hours of 7:00PM and 7:00AM.

While performing night work, only those items used will be payable under the night work Line Item 1770.

Additional fee for night work is to be expressed in percentage and dollar amount as follows:

F. Sum of "totals" for Items 0010 through 1760.

\$ _____

G. Indicate percentage (%) that will be charged for Items 0010 through 1760 that are used while performing night work.

_____ %

H. For bidding purposes the Parish anticipates that 5% of all work performed under this contract will be night work. That anticipated percentage (%) may be more or may be less. Multiply that percentage (5%) by your percentage (From B, Above) that will be charged for night work to be used in the calculation below.

I. Multiply the dollar amount of (A) by the percentage derived from (C) to get a dollar value. This total is to be entered as "unit price quoted" for Item 1770.

For Bidding Purposes:

The "unit price quoted" above (D) will only be used in determining the low bid.

For Invoicing Purposes:

The percentage indicated above in (B) will be used for invoicing of night work.

The contractor will be required to submit separate invoices for night work.

DATE: 4/06/2016

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

BID NO.: 50-00116079

JEFFERSON PARISH
PURCHASING DEPARTMENT
P.O. BOX 9
GRETNA, LA. 70054-0009
504-364-2678

BUYER: MCamardelle@jeffparish.net

BIDS WILL BE RECEIVED IN THE PURCHASING DEPARTMENT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 5/10/2016 AND PUBLICLY OPENED THEREAFTER.

LATE BIDS WILL NOT BE ACCEPTED

Unless submitting via online (see Page 3), each bid must be submitted in a sealed envelope bearing on the outside; the name of the Bidder, his address, and the name of the project for which the bid is submitted and the bid number.

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS
THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647.

All vendors submitting bids must register as a Jefferson Parish vendor if not already yet registered. Bidders may be required to furnish current W-9 Forms and respective Tax Identification Numbers within 10 days after bid opening if such information is not on file or not up to date. Registration forms may be downloaded from www.purchasing.jeffparish.net and clicking on Vendor Information.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission.

Bidders should submit all questions in writing and fax them to the Purchasing Department at (504) 364-2693 no later than FIVE (5) working days prior to bid opening. Bid numbers should be mentioned in all requests. Questions may also be emailed to the buyer for this bid at the email address listed above. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum. Please note that all official communication will be expressed in the form of an addendum.

All formal Addenda require written acknowledgement on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected. JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

Visit our website at [HTTP://PURCHASING.JEFFPARISH.NET](http://PURCHASING.JEFFPARISH.NET)

JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

If the bid exceeds \$30,000.00 and the company is duly authorized to do business in the state of Louisiana, a corporate resolution must be submitted with the bid or the person signing the bid documents must be listed on the Louisiana Secretary of State's website as an officer of the corporation, unless bidder has otherwise complied with LSA-R.S. 38:2212(B)(5). If the bid is in excess of \$30,000 and bidder is registered out of the state of Louisiana, a corporate resolution must be submitted with the bid, unless bidder has otherwise complied with LSA-R.S. 38:2212(B)(5). Failure to comply will cause bid to be rejected; the Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event. Bids submitted by Owner or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. Sole proprietors submitting bids for public works projects shall within 10 days after bid opening submit sole proprietorship certification.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE. IN THE EVENT OF SPLIT AWARD, THE PURCHASING DEPARTMENT MAY CONTACT VENDORS TO REQUEST REQUIRED AFFIDAVITS. THOSE VENDORS WILL HAVE 10 DAYS FROM THE DATE OF NOTICE TO SUBMIT COMPLETE, SIGNED AND NOTARIZED AFFIDAVITS IN ORIGINAL FORMATS.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

Preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA-R.S.38:2251-2261"

B. USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

C. CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and Parish taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A17.1-1961).

IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

This Electronic Procurement System allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Please note requirements contained in this bid package for electronic bid submission.

Please visit the Purchasing Department webpage at <http://purchasing.jeffparish.net> to register and review Jefferson Parish solicitations.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 dated 12/09/09. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at <http://purchasing.jeffparish.net> and clicking on Online Forms.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

2, 3, 4, 6, 7, 10, 11, 12, 13, 14

PRE-BID CONFERENCE TO BE HELD AT: PURCHASING DEPARTMENT, 200 DERBIGNY ST., SUITE 4400, GRETNA, LA 70053 AT 10:00 AM ON 4/21/2016

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(l), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, then the license number must be entered in the appropriate field in the Electronic Procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.
7. PUBLIC WORKS BIDS: All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise stated in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. NON-PUBLIC WORKS BIDS: A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. NON-PUBLIC WORKS BIDS: A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. Unless otherwise stated in the bid specifications, the successful bidder will be required to procure standard insurance policies evidencing Parish-mandated insurance requirements as indicated on the attached sheet. The current certificate of insurance must be submitted by low bidder within 10 days after bid opening to the Purchasing Department. Failure to comply will cause bid to be rejected. JEFFERSON PARISH reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies) If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits (in Original Format) required; Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit and E-Verify Affidavit must be completed, signed, notarized and submitted by low bidder within 10 days after bid opening to the Purchasing Department on all solicitations for construction, alteration or demolition of public building or project, including but not limited to requirements found in LSA-RS 38:2212.9; LSA-RS 38:2212.10; LSA-RS 38:2224; Code of Ordinances, Jefferson Parish, Louisiana, Sec 2-923.1. Failure to comply will cause bid to be rejected; the Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format for the bid to be considered responsive.
15. NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits (in Original Format) required; Non-Collusion Affidavit, and Campaign Contribution Affidavit must be completed, signed, notarized and submitted by low bidder within 10 days after bid opening to the Purchasing Department. See LSA-RS 38:2212.10; LSA-RS 38:2224; Code of Ordinances, Jefferson Parish, Louisiana, Sec 2-923.1 Failure to comply will cause bid to be rejected; the Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format for the bid to be considered responsive.

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission; and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to Jefferson Parish Code of Ordinances Section 2-155.10(19). By submitting a bid, vendor acknowledges this and will abide by all provisions of the referenced Jefferson Parish Code of Ordinances.

**LOUISIANA UNIFORM PUBLIC WORK BID FORM
UNIT PRICE FORM**

TO: JEFFERSON PARISH
200 DERBIGNY ST., SUITE 4400
GRETNA, LA 70053

(Owner to provide name and address of owner)

**BID FOR: 50-00116079 – TWO (2) YEAR CONTRACT
 FOR BRIDGE REPAIR AND MAINTENANCE ON AN
 AS NEEDED BASIS FOR THE JEFFERSON PARISH
 DEPARTMENT OF PUBLIC WORKS – STREETS**

(Owner to provide name of project and other identifying information)

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 <input type="checkbox"/> Alt.# ___ 4 INCH THICKNESS OR LESS PAVEMENT REMOVAL AND DISPOSAL CONCRETE/ASPHALT/COMBINATION				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0010	25	SQYD		
DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ 4-1/4 INCH - 7 INCH THICKNESS PAVEMENT REMOVAL AND DISPOSAL CONCRETE/ASPHALT/COMBINATION				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0020	25	SQYD		
DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ 7-1/4 INCH - 10 INCH THICKNESS PAVEMENT REMOVAL AND DISPOSAL CONCRETE/ASPHALT/COMBINATION				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0030	50	SQYD		
DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ 10-1/4 INCH - 15 INCH THICKNESS PAVEMENT REMOVAL AND DISPOSAL CONCRETE/ASPHALT/COMBINATION				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0040	150	SQYD		
DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ 15-1/4 - 20 INCH THICKNESS PAVEMENT REMOVAL AND DISPOSAL CONCRETE/ASPHALT/COMBINATION				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0050	75	SQYD		
DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ 20-1/4 INCH - 24 INCH THICKNESS PAVEMENT REMOVAL AND DISPOSAL CONCRETE/ASPHALT/COMBINATION				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0060	30	SQYD		
DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ 24-1/4 INCH - 36 INCH THICKNESS PAVEMENT REMOVAL AND DISPOSAL CONCRETE/ASPHALT/COMBINATION				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0070	50	SQYD		
DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ 36-1/4 INCH - 48 INCH THICKNESS PAVEMENT REMOVAL AND DISPOSAL CONCRETE/ASPHALT/COMBINATION				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0080	50	SQYD		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ 48-1/4 INCH - 60 INCH THICKNESS PAVEMENT REMOVAL AND DISPOSAL CONCRETE/ASPHALT/COMBINATION			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0090	40	SQYD		
DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ 60-1/4 INCH - 72 INCH THICKNESS PAVEMENT REMOVAL AND DISPOSAL CONCRETE/ASPHALT/COMBINATION			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0100	40	SQYD		
DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ 72-1/4 INCH - 96 INCH THICKNESS OR GREATER PAVEMENT REMOVAL AND DISPOSAL CONCRETE/ASPHALT/COMBINATION			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0110	40	SQYD		
DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ REMOVAL AND DISPOSAL OF EXISTING CONCRETE CURB (VARIABLE CROSS-SECTION)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0120	50	LF		
DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ REMOVAL AND DISPOSAL OF EXISTING CONCRETE COMBINATION CURB AND GUTTER (VARIABLE CROSS-SECTION)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0130	70	LF		
DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ REMOVAL AND DISPOSAL OF EXISTING 32 INCH HIGH CAST-IN-PLACE CONCRETE BARRIER			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0140	30	LF		
DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ PCC 4 INCH THICK, RESIDENTIAL SIDEWALK/INCIDENTAL PAVEMENT, 4000 PSI. IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0150	70	SQYD		
DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ PCC 5 INCH THICK, COMMERCIAL SIDEWALK/INCIDENTAL PAVEMENT, 4000 PSI. IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0160	80	SQYD		
DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ PCC 6 INCH THICK, RESIDENTIAL DRIVEWAYS AND CURB RAMPS, 4000 PSI. HIGH EARLY STRENGTH, 72 HOURS, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0170	4	SQYD		
DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ PCC 8 INCH THICK, COMMERCIAL DRIVEWAYS, 4000 PSI. HIGH EARLY STRENGTH, 72 HOURS, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0180	100	SQYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ PCC 9 INCH THICK, ROADWAY PAVEMENT, 4000 PSI, HIGH EARLY STRENGTH, 72 HOURS, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0190	150	SQYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ PCC 10 INCH THICK, APPROACH SLAB, 4000 PSI, HIGH EARLY STRENGTH, 72 HOURS, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0200	200	SQYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ PCC CURB, 5 INCH ROLLOVER TYPE/6 INCH OR 8 INCH BARRIER TYPE, IN PLACE, HIGH EARLY STRENGTH, 4000 PSI, 72 HOURS TO INCLUDE NO. 4 (U) SHAPED DOWELS SPACED 2 FT. - 0 INCH O.C. ANCHORED INTO NEW/EXISTING SLABS				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0210	200	LF		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ COMBINATION PCC CURB AND GUTTER - ROLLOVER OR BARRIER, 300 SQ. INCH CROSS SECTION MAXIMUM				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0220	250	LF		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ EARTHWORK EXCAVATION BY TRUCK MEASURE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0230	200	CUYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ EARTHWORK EXCAVATION BY THEORETICAL VOLUME				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0240	100	CUYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ RIVER (BATTURE) SAND - IN PLACE (10 CUBIC YARD MIN.)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0250	50	CUYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ PUMP (SUGAR) SAND - IN PLACE (10 CUBIC YARD MIN.)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0260	200	CUYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ CRUSHED CONCRETE - IN PLACE (15 TON MIN.)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0270	50	TN		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ LIMESTONE - IN PLACE (15 TON - MIN.)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0280	50	TN		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ ASPHALT OR PCC SAW CUT, PER INCH DEPTH				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0290	1000	LF		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ INSTALLATION OF (TERRA COTTA) COLORED, CAST-IN-PLACE. POLYMER COMPOSITE. DETECTABLE/TACTILE WARNING SURFACE TILE (24 INCH X 48 INCH)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0300	4	SQYD		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ LIQUID POURED ASPHALT TYPE SEALANT, APPLIED PER GALLON			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0310	2	SQYD		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ FURNISH AND INSTALL 6X6-W2.9XW2.9 WIRE MESH REINFORCEMENT			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0320	20	SQYD		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ BITUMINOUS HOT-MIX ASPHALT WEARING COURSE (TYPE III)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0330	80	TN		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ BITUMINOUS HOT-MIX ASPHALT BINDER COURSE (TYPE III)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0340	80	TN		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ COLD PLANING EXISTING ASPHALT PAVEMENT (PER INCH DEPTH)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0350	150	SQYD		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ TIMBER SHEETING IN PLACE (UP TO 16 FT. DEEP TRENCH CUT)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0360	1000	BDFT		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ TIE ROD REPLACEMENT			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0370	200	LF		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ PILE ENCAPSULATION REPAIR			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0375	60	LF		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ PROVIDE TEMPORARY SUPPORT FOR THE CHANGE OUT OF DETERIORATED END BENT TIMBER CAPS AND FOR PILE REPAIR. UNIT PRICE IS FOR BRIDGE WIDTH OF 28 FT. PER EACH. UNIT PRICE WILL BE ADJUSTED AND PRORATED ACCORDINGLY FOR WIDTHS OTHER THAN 28 FT.			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0380	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ PROVIDE TEMPORARY SUPPORT FOR THE CHANGE OUT OF DETERIORATED INTERMEDIATE TIMBER CAPS AND FOR PILE REPAIR. UNIT PRICE IS FOR BRIDGE WIDTH OF 28 FT., PER EACH. UNIT PRICE WILL BE ADJUSTED FOR WIDTHS OTHER THAN 28 FT.			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0390	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ REMOVAL AND DISPOSAL OF EXISTING CAST-IN-PLACE PCC BRIDGE DECK			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0400	50	SQYD		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ REMOVAL AND DISPOSAL OF EXISTING PRECAST BRIDGE PANELS (WASKEY SLAB, CHANNEL BEAM OR SIMILAR)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0410	15	SQYD		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ REMOVAL AND REINSTALLING EXISTING PRECAST BRIDGE PANELS 4 FT. – 19 FT. WASKEY SLABS OR SIMILAR			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0420	3	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ REMOVAL AND DISPOSAL OF EXISTING PEDESTRIAN BRIDGE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0430	250	SQFT		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ REMOVAL AND DISPOSAL OF EXISTING VEHICULAR BRIDGE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0440	2000	SQFT		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ INSTALL 24 INCH X 24 INCH DROP-INLET, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0450	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ FURNISH LABOR, MATERIAL, EQUIPMENT AND ANY INCIDENTALS TO DEWATER CANAL SECTIONS WITH TEMPORARY DAMS. THIS ITEM INCLUDES TWO EARTHEN DAMS (2 FT. HIGHER THAN NORMAL WATER SURFACE), ONE 6 INCH DIAMETER PUMP AND TWO (2) INCH DIAMETER PUMPS. UNIT PRICE IS PER EACH. DEWATERED AREA CONSTRUCTED.			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0460	4	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ REMOVAL AND DISPOSAL OF EXISTING VERTICAL DOWEL BARS AND/OR DRIFT PINS FROM BENT CAPS			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0470	8	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ REMOVAL AND REPLACEMENT OF BRICKS WITHIN MASONRY FACADES			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0480	25	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ CLEAN BY FORCED AIR AND RESEAL WASKEY SLAB JOINTS WITH ELASTATHANE 2000 (STANDARD JOINT SEAL FOR WASKEY BRIDGE)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0490	200	LF		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ INSTALLING C15X40 HOT-ROLLED CHANNELS (SEE SPECIFICATIONS FOR MORE DETAILS).			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0500	40	LF		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ DRILLING HOLES (7/8 INCH DIAMETER - 1-3/8 INCH DIAMETER) INTO EXISTING CONCRETE FOR DOWEL BAR AND/OR REINFORCEMENT INSTALLATION			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0510	26	LF		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ DRILLING HOLES (1-1/2 INCH DIAMETER - 2 INCH DIAMETER) INTO EXISTING CONCRETE FOR DOWEL BAR AND/OR REINFORCEMENT INSTALLATION			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0520	16	LF		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ 12 INCH SQUARE PPC, IN PLACE (PRE-STRESSED PORTLAND CEMENT)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0530	200	LF		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ 14 INCH SQUARE PPC PILE, IN PLACE (PRE-STRESSED PORTLAND CEMENT)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0540	200	LF		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ 16 INCH SQUARE PPC PILE, IN PLACE (PRE-STRESSED PORTLAND CEMENT)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0550	200	LF		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ CLASS (B) TREATED TIMBER PILES, 40 FT LONG, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0560	4	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ CLASS (B) TREATED TIMBER PILES, 50 FT LONG, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0570	4	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ CLASS (B) TREATED TIMBER PILES, 60 FT LONG, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0580	4	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ CLASS (B) TREATED TIMBER PILES, 70 FT LONG, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0590	4	EA		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ LOADING PERMANENT PILES				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0600	2	EA		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ TREATED TIMBER FOR BULKHEADS AND WINGWALLS, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0610	1000	BDFT		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ TREATED TIMBER FOR SWAY BRACING, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0620	1000	BDFT		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ PZ27 STEEL SHEET PILING (PERMANENT)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0630	2000	SQFT		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ PZ27 STEEL SHEET PILING (TEMPORARY)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0640	2200	SQFT		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ 12-3/4 INCH DIAMETER X 0.375 INCH (WALL THICKNESS, INCHES) OPEN-END ASTM A252. GRADE 2 STEEL PIPE PILE (IN PLACE)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0642	400	LF		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ 14 INCH DIAMETER X 0.375 INCH (WALL THICKNESS, INCHES) OPEN-END ASTM A252. GRADE 2 STEEL PIPE PILE (IN PLACE)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0644	400	LF		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ GEOTEXTILE FABRIC FOR BULKHEADS/WINGWALLS AND PIPES, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0650	100	SQYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ GEOTEXTILE FABRIC FOR SUBGRADE/BASE COURSE, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0660	150	SQYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ STRUCTURAL CONCRETE FOR PILE BENT CAPS, HIGH EARLY STRENGTH, 4000 PSI, 72 HOURS, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0670	3	CUYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ STRUCTURAL CONCRETE FOR WINGWALL/BREASTWALL EXTENSION, HIGH EARLY STRENGTH, 4000 PSI, 72 HOURS, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0680	5	CUYD		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ STRUCTURAL CONCRETE FOR CAST-IN-PLACE PILES, HIGH EARLY STRENGTH.4000 PSI, 72 HOURS, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0690	1	CUYD		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ STRUCTURAL CONCRETE FOR CAST-IN-PLACE BRIDGE DECK, HIGH EARLY STRENGTH, 4000 PSI, 72 HOURS, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0700	4	CUYD		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ STRUCTURAL CONCRETE FOR CULVERT TRANSITION FLUMES, HIGH EARLY STRENGTH, 4000 PSI, 72 HOURS, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0710	20	CUYD		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ STRUCTURAL CONCRETE FOR CULVERT HEADWALLS, HIGH EARLY STRENGTH, 4000 PSI, 72 HOURS, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0720	10	CUYD		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ STRUCTURAL CONCRETE FOR CULVERT MAINTENANCE SLABS, HIGH EARLY STRENGTH, 4000 PSI, 72 HOURS, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0730	20	CUYD		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ REINFORCING STEEL, GRADE 60 FOR BRIDGE DECK SLABS, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0740	800	LB		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ REINFORCING STEEL, GRADE 60 FOR BENT CAPS, PILE EXTENSIONS AND BREASTWALL/WINGWALL EXTENSIONS, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0750	300	LB		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ REINFORCING STEEL, GRADE 60 FOR HEADWALLS, TRANSITION FLUMES AND MAINTENANCE SLABS			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0760	400	LB		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ REINFORCING STEEL, GRADE 60 FOR APPROACH SLABS, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0770	15000	LB		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ PRECAST WASKEY BRIDGE DECK SLAB UNITS, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0780	350	SQYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ NORMAL GROUT, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0790	1	CUYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ NON-SHRINK GROUT, AS DIRECTED, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0800	1	CUYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ FLOWABLE FILL (FOR FILLING OPEN-ENDED PIPE PILING)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0804	100	SQYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ CONCRETE CAST-IN-PLACE REVETMENT, 4 INCH THICK, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0810	100	CUYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ CELLULAR CONCRETE BLOCKS 4 INCH THICK, REVETMENT, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0820	100	SQYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ PREPACKAGED SACKED CONCRETE, 80 LBS REVETMENT, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0830	200	EA		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ STONE AND RECYCLED CONCRETE REVETMENT (12 INCH THICK MINIMUM), IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0840	100	SQYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ CAST-IN-PLACE CONCRETE BRIDGE BARRIER (32 INCH HEIGHT)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0850	60	LF		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ CAST-IN-PLACE PCC BARRIER RAIL TRANSITION END (IN ACCORDANCE WITH STANDARD LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT (HEREINAFTER REFERRED TO AS LADOTD DETAIL BR-02))				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0860	60	LF		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ CAST-IN-PLACE PCC TAPER-DOWN BARRIER RAIL (32 INCH HEIGHT TO MOUNTABLE CURB HEIGHT) (IN ACCORDANCE WITH STANDARD LADOTD DETAIL BR-05)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0870	40	LF		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ W-BEAM GUARDRAIL NO. 10 GAUGE INCLUDING GUARDRAIL, STEEL/TREATED TIMBER POSTS AND BLOCKS AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 6 FT. - 3 INCH SPACING, IN PLACE ON-BRIDGE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0880	50	LF		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ W-BEAM GUARDRAIL NO. 10 GAUGE INCLUDING GUARDRAIL STEEL/TREATED TIMBER POSTS AND BLOCKS AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 6 FT. - 3 INCH SPACING IN PLACE OFF-BRIDGE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0890	50	LF		
DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ W-BEAM GUARDRAIL NO. 10 GAUGE INCLUDING GUARDRAIL, STEEL/TREATED TIMBER POSTS AND BLOCKS AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 3 FT. - 1-1/2 INCH SPACING. IN PLACE ON-BRIDGE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0900	50	LF		
DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ W-BEAM GUARDRAIL NO. 10 GAUGE INCLUDING GUARDRAIL, STEEL/TREATED TIMBER POSTS AND BLOCKS AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 3 FT. - 1-1/2 INCH SPACING. IN PLACE OFF-BRIDGE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0910	50	LF		
DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ SINGLE THRIE-BEAM GUARDRAIL NO. 10 GAUGE INCLUDING GUARDRAIL, STEEL/TREATED TIMBER POSTS AND BLOCKS AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 6 FT. - 3 INCH SPACING. IN ACCORDANCE WITH LADOTD ITEM 704-01-0120. ON-BRIDGE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0920	40	LF		
DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ SINGLE THRIE-BEAM GUARDRAIL NO. 10 GAUGE INCLUDING GUARDRAIL, STEEL/TREATED TIMBER POSTS AND BLOCKS AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 6 FT. - 3 INCH SPACING. IN ACCORDANCE WITH LADOTD ITEM 704-01-01020. OFF-BRIDGE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0930	40	LF		
DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ SINGLE THRIE-BEAM GUARDRAIL NO. 10 GAUGE INCLUDING GUARDRAIL, STEEL/TREATED TIMBER POSTS AND BLOCKS AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 3 FT. - 1-1/2 INCH SPACING. IN ACCORDANCE WITH LADOTD ITEM #704-01-01000. ON-BRIDGE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0940	50	LF		
DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ SINGLE THRIE-BEAM GUARDRAIL NO. 10 GAUGE INCLUDING GUARDRAIL, STEEL/TREATED TIMBER POSTS AND BLOCKS AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 3 FT. - 1-1/2 INCH SPACING. IN ACCORDANCE WITH LADOTD ITEM 704-01-0100 OFF-BRIDGE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0950	50	LF		
DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ 6 FT. - 3 INCH W/THRIE-BEAM TRANSITION SECTION WITH STEEL/TREATED TIMBER POSTS AND BLOCKS AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 3 FT. - 1-1/2 INCH SPACING. IN ACCORDANCE WITH LADOTD ITEM 704-08-00100. ON-BRIDGE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0960	2	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ 6 FT. - 3 INCH W/THRIE-BEAM TRANSITION SECTION WITH STEEL/TREATED TIMBER POSTS AND BLOCKS AND NECESSARY MOUNTING HARDWARE PUNCHED FOR 3 FT. - 1-1/2 INCH SPACING, IN ACCORDANCE WITH LADOTD ITEM 704-08-00100. OFF-BRIDGE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0970	2	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ GALVANIZED END WINGS (4 HOLE) NO. 10 GAUGE, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0980	4	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ W-BEAM GUARDRAIL (NO. 10 GAUGE) (ONLY) AND NECESSARY MOUNTING HARDWARE. PUNCHED FOR 6 FT. - 3 INCH SPACING			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
0990	50	LF		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ W-BEAM GUARDRAIL (NO. 10 GAUGE) (ONLY) AND NECESSARY MOUNTING HARDWARE. PUNCHED FOR 3 FT. - 1-1/2 INCH SPACING			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1000	50	LF		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ THRIE-BEAM GUARDRAIL, (NO. 10 GAUGE) (ONLY) AND NECESSARY MOUNTING HARDWARE, PUNCHED FOR 6 FT. - 3 INCH SPACING			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1010	50	LF		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ THRIE-BEAM GUARDRAIL (NO. 10 GAUGE) (ONLY) AND NECESSARY MOUNTING HARDWARE, PUNCHED FOR 3 FT. - 1-1/2 INCH SPACING			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1020	50	LF		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ THRIE-BEAM TERMINAL CONNECTOR AND NECESSARY MOUNTING HARDWARE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1030	26	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ POST REPLACEMENT (INCLUDING REMOVAL OF OLD POST) AND INSTALLATION (TIMBER/METAL POSTS). ON-BRIDGE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1040	5	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ POST REPLACEMENT (INCLUDING REMOVAL OF OLD POST) AND INSTALLATION (TIMBER/METAL POSTS). OFF-BRIDGE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1050	7	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ 6 FT. - 3 INCH W/THRIE-BEAM TRANSITION SECTION (ONLY) AND NECESSARY MOUNTING HARDWARE, PUNCHED FOR 3 FT. - 1-1/2 INCH SPACING			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1060	7	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ PROVIDE TEMPORARY PRECAST CONCRETE BARRIER RAIL, 15 FT. LONG (4 EACH MIN.) INSTALLED AND REMOVED			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1070	20	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ RELOCATING 15 FT. LONG TEMPORARY PRECAST CONCRETE BARRIER RAIL			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1080	4	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ 37 FT. - 6 INCH STANDARD END TREATMENT (MELT) COMPLETE WITH BUFFERED END AND ANCHORAGE SECTION AND STRUT AND YOLK ASSEMBLY			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1090	4	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ W-BEAM TRAILING END SECTION WITH STEEL/TREATED TIMBER POSTS			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1100	4	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ THRIE-BEAM TRAILING END SECTION WITH STEEL/TREATED TIMBER POSTS			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1110	4	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ 25 FT. - 0 INCH GUARDRAIL TRANSITION (NO. 10 GAUGE) INCLUDING ONE (1) THRIE-BEAM TERMINAL CONNECTOR, 12 FT. - 6 INCH OF DOUBLE THRIE-BEAM GUARDRAIL, 6 FT. - 3 INCH OF W/THRIE BEAM TRANSITION SECTION, 6 FT. - 3 INCH OF W-BEAM, STEEL/TREATED TIMBER POSTS AND BLOCKS AND ALL NECESSARY MOUNTING HARDWARE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1120	2	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ FLASHING YELLOW ARROW BOARD, PER DAY			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1130	50	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ STANDARD CONSTRUCTION SIGNS GREATER THAN OR EQUAL TO 10 SQ. FT. INCLUDING INSTALLATION AND REMOVAL			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1140	9	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ STANDARD CONSTRUCTION SIGNS LESS THAN 10 SQ. FT. INCLUDING INSTALLATION AND REMOVAL			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1150	50	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ TYPE III BARRICADES, WITH LIGHTS, PER DAY			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1160	150	EA		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ TYPE I BARRICADES, PER DAY				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1170	5	EA		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ CUSTOM SIGNS UP TO 16 SQ. FT. - INSTALLATION AND REMOVAL				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1180	1	EA		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ PLASTIC BARREL WITH WARNING LIGHT AND REFLECTIVE SHEETING, PER DAY				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1190	350	EA		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ PLASTIC ATTENUATOR DEVICE (WATER FILLED) ATTACHED TO BLUNT END OF PRECAST CONCRETE BARRIER RAIL, PER DAY				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1200	25	EA		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ PLASTIC ATTENUATOR BARREL (SAND FILLED), PER DAY				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1210	25	EA		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ POLICE DETAIL FOR TRAFFIC CONTROL (MIN. 4 HRS.)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1220	12	HR		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ TEMPORARY PAVEMENT STRIPING (4 INCH WIDTH) - SOLID OR BROKEN, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1230	200	LF		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ THERMOPLASTIC PAVEMENT STRIPING (4 INCH WIDTH) - SOLID OR BROKEN, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1240	200	LF		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ REFLECTORIZED RAISED PAVEMENT MARKERS (CLASS IV)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1250	20	EA		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ REMOVAL OF EXISTING PAVEMENT STRIPING AND/OR TEMPORARY PAVEMENT STRIPING				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1260	200	LF		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ 6 INCH DIAMETER PVC PIPE PERFORATED, 1/2 INCH DIAMETER HOLE 12 INCH CENTER TO CENTER, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1270	100	LF		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ POLYMER-MODIFIED, PORTLAND CEMENT MORTAR REPAIRS TO CONCRETE BRIDGE SECTIONS				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1280	9	CF		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ TYPE I GRADE A EPOXY (FOR SETTING DOWEL BARS AND/OR REINFORCING BARS INTO EXISTING CONCRETE BRIDGE SECTIONS)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1290	10	QT		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ GALVANIZED SHEET METAL PILE COVERS				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1300	4	EA		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ REMOVAL AND DISPOSAL OF EXISTING HANDRAIL (WOOD, STEEL OR ALUMINUM)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1310	70	LF		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ STEEL HANDRAIL (PER DETAILED DRAWING)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1320	100	LF		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ PAINTED STEEL HANDRAIL (REPLACE IN-KIND)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1330	50	LF		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ GALVANIZED STEEL HANDRAIL (REPLACE IN-KIND)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1340	50	LF		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ ALUMINUM HANDRAIL (REPLACE IN-KIND)				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1350	50	LF		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ ST AUGUSTINE GRASS SOD				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1360	75	SQYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ CENTIPEDE GRASS SOD				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1370	50	SQYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ BERMUDA GRASS SOD				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1380	50	SQYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ ST. AUGUSTINE GRASS SEED				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
1390	10	LB		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ CENTIPEDE GRASS SEED				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
1400	10	LB		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ BERMUDA GRASS SEED				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
1410	10	LB		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ HYDRO-SEEDING				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
1420	50	SQYD		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ PEDESTRIAN BRIDGE, 10 FT. SPAN 6 FT. - 0 INCH CLEAR WIDTH, 4 FT. - 6 INCH HIGH, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
1430	1	EA		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ PEDESTRIAN BRIDGE, 20 FT. SPAN 6 FT. - 0 INCH CLEAR WIDTH, 4 FT. - 6 INCH HIGH, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
1440	1	EA		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ PEDESTRIAN BRIDGE, 30 FT. SPAN 6 FT. - 0 INCH CLEAR WIDTH, 4 FT. - 6 INCH HIGH, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
1450	1	EA		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ PEDESTRIAN BRIDGE, 40 FT. SPAN 6 FT. - 0 INCH CLEAR WIDTH 4 FT. - 6 INCH HIGH, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
1460	1	EA		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ PEDESTRIAN BRIDGE, 50 FT. SPAN 6 FT. - 0 INCH CLEAR WIDTH, 4 FT. - 6 INCH HIGH, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
1470	1	EA		

DESCRIPTION: * Base Bid or <input type="checkbox"/> Alt.# ___ PEDESTRIAN BRIDGE, 60 FT. SPAN 6 FT. - 0 INCH CLEAR WIDTH, 4 FT. - 6 INCH HIGH, IN PLACE				
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
1480	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ PEDESTRIAN BRIDGE, 70 FT. SPAN 6 FT. - 0 INCH CLEAR WIDTH, 4 FT. - 6 INCH HIGH, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1490	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ PEDESTRIAN BRIDGE, 80 FT. SPAN 6 FT. - 0 INCH CLEAR WIDTH 4 FT. - 6 INCH HIGH. IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1500	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ PEDESTRIAN BRIDGE, 90 FT. SPAN 6 FT. - 0 INCH CLEAR WIDTH. 4 FT. - 6 INCH HIGH, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1510	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ PEDESTRIAN BRIDGE, 100 FT. SPAN 6 FT. - 0 INCH CLEAR WIDTH, 4 FT. - 6 INCH HIGH, IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1520	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ PEDESTRIAN BRIDGE, 110 FT. SPAN 6 FT. - 0 INCH CLEAR WIDTH. 4 FT. - 6 INCH HIGH. IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1530	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ PEDESTRIAN BRIDGE, 120 FT. SPAN 6 FT. - 0 INCH CLEAR WIDTH. 4 FT. - 6 INCH HIGH. IN PLACE			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1540	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ ARTICULATING BRIDGE INSPECTION PLATFORM (SNOOPER TRAILER) AND OPERATOR (RENTAL)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1550	5	DY		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ CLEANING OF DRAINAGE SYSTEM OF CAUSEWAY BLVD. OVERPASS / INTERCHANGE AT AIRLINE DR (WEEKDAY WORK), 9:00 AM - 3:00 PM			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1560	1	DY		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ CLEANING OF DRAINAGE SYSTEM OF CAUSEWAY BLVD. OVERPASS /INTERCHANGE AT AIRLINE DR. (WEEKEND WORK)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1570	1	DY		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ CLEANING OF DRAINAGE SYSTEM OF CAUSEWAY BLVD. OVERPASS AT VETERANS BLVD. (WEEKDAY WORK) 9:00 AM TO 3:00 PM			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1580	1	DY		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ CLEANING OF DRAINAGE SYSTEM OF CAUSEWAY BLVD. OVERPASS AT VETERANS BLVD. (WEEKEND WORK)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1590	1	DY		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ CLEANING OF DRAINAGE SYSTEM OF LAPALCO BRIDGE AT HARVEY CANAL (WEEKDAY WORK) 9:00 AM TO 3:00 PM			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1600	1	DY		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ CLEANING OF DRAINAGE SYSTEM OF LAPALCO BRIDGE AT HARVEY CANAL (WEEKEND WORK)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1610	1	DY		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ CLEANING OF DRAINAGE SYSTEM OF LAPALCO BRIDGE AT BAYOU SEGNETTE (WEEKDAY WORK) 9:00 AM TO 3:00 PM			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1620	1	DY		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ CLEANING OF DRAINAGE SYSTEM OF LAPALCO BRIDGE AT BAYOU SEGNETTE (WEEKEND WORK)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1630	1	DY		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ MOBILIZATION (PER PROJECT) (PROJECT COST RANG 0.00 - 9,999.99): ADDITIONAL MOBILIZATION FEE IS 30 PERCENT OF PROJECT COST. (THIS IS A NO BID ITEM.)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1640	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ MOBILIZATION (PER PROJECT), (PROJECT COST RANGE:10,000.00 - 19,999.99): ADDITIONAL MOBILIZATION FEE IS 25 PERCENT OIF PROJECT COST. (THIS IS A NO BID ITEM.)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1650	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ MOBILIZATION (PER PROJECT), (PROJECT COST RANGE: 20,000.00 - 34,999.99): ADDITIONAL MOBILIZATION FEE IS 22.5 PERCENT OF PROJECT COST. (THIS IS A NO BID ITEM.)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1660	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ MOBILIZATION (PER PROJECT), (PROJECT COST RANGE : 35,000 - 49,999.99): ADDITIONAL MOBILIZATION FEE IS 20 PERCENT OF PROJECT COST. (THIS IS A NO BID ITEM.)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1670	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ MOBILIZATION (PER PROJECT) (PROJECT COST RANGE: 50,000.00 - 74,999.99): ADDITIONAL MOBILIZATION FEE IS 17.5 PERCENT OF PROJECT COST. (THIS IS A NO BID ITEM.)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1680	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ MOBILIZATION (PER PROJECT), (PROJECT COST RANGE: 75,000.00 - 99,999.99); ADDITIONAL MOBILIZATION FEE IS 15 PERCENT OF PROJECT COST (THIS IS A NO BID ITEM.)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1690	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ MOBILIZATION (PER PROJECT) (PROJECT COST RANGE: 100,000.00 - 149,999.99); ADDITIONAL MOBILIZATION FEE IS 12.5 PERCENT OF PROJECT COST. (THIS IS A NO BID ITEM.)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1700	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ MOBILIZATION (PER PROJECT) (PROJECT COST RANGE: 150,000.00 - 199,999.99); ADDITIONAL MOBILIZATION FEE IS 10 PERCENT OF PROJECT COST. (THIS IS A NO BID ITEM.)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1710	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ MOBILIZATION (PER PROJECT), (PROJECT COST RANGE: 200,000.00 - 299,999.99); ADDITIONAL MOBILIZATION FEE IS 7.5 PERCENT OF PROJECT COST. (THIS IS A NO BID ITEM.)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1720	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ MOBILIZATION (PER PROJECT), (PROJECT COST RANGE: 300,000.00 AND ABOVE); ADDITIONAL MOBILIZATION FEE IS 5 PERCENT OF PROJECT COST. (THIS IS A NO BID ITEM.)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1730	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ PILE DRIVING MOBILIZATION (PER PROJECT) (4-10 PILE PROJECT)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1740	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ PILE DRIVING MOBILIZATION (PER PROJECT) (11-20 PILE PROJECT)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1750	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ PILE DRIVING MOBILIZATION (PER PROJECT) (GREATER THAN 20 PILE PROJECT)			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1760	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ NIGHT WORK			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1770	1	JOB		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ DEMOLITION AND COMPLETE REMOVAL OF TIMBER BULKHEADS			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1780	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ FURNISHING, PLACING AND GRADING PLASTIC EMBANKMENT MATERIAL TO MATCH EXISTING CANAL SECTION			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1790	1	EA		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ DEMOLITION AND COMPLETE REMOVAL OF TIMBER BULKHEADS			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1800	1	LPSM		

DESCRIPTION:	* Base Bid or <input type="checkbox"/> Alt.# ___ FURNISHING, PLACING AND GRADING PLASTIC EMBANKMENT MATERIAL TO MATCH EXISTING CANAL SECTION			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1810	1	LPSM		

Wording for "DESCRIPTION" is to be provided by the Owner
 All quantities are estimated. The contractor will be paid upon actual quantities as verified by Owner.

IMPORTANT NOTICE TO ALL BIDDERS – BID REQUIREMENTS

Vendors may submit electronic bids with no fee for submission by using Central Auction House. Vendors may visit www.purchasing.jeffparish.net for further information and for link to Central Auction House or visit them directly at www.jeffparishbids.net.

By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law as well as compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, as published on <http://ethics.la.gov> and applicable Jefferson Parish ethical standards.

As per LA R.S. 38:2212(A)(3)(c)(ii), the bid form shall contain Bid Security or Bid Bond, Acknowledgment of Addenda, Base Bid, Alternates, Signature of Bidder, Name, Title and Address of Bidder, Name of Firm or Joint Venture Corporate Resolution or other appropriate signature authorization, if required, Louisiana Contractors License Number, and on public works projects where unit prices are utilized, a section on the bid form where the unit price utilized in the bid shall be set forth; however, unit prices shall not be utilized for the construction of building projects, unless the unit price is incorporated into the base bid or alternates. Other documentation required shall be furnished by the low bidder within ten calendar days after the bid opening. Such documentation shall be supplied as originals (no copies).

All such required information or documentation not provided with the bid must be provided by the low bidder within 10 calendar days after the bid opening (originals only, no copies). Failure to provide said information and documentation within 10 calendar days after bid opening shall be grounds to declare the bid non-responsive. This information and documentation includes, but is not limited to, the Public Works Bid Affidavit, current W-9 Form and Tax Identification number (if currently not registered as a Parish vendor), and proof of insurance. However, the payment and performance bonds must be supplied by the successful bidder upon contract signing.

Louisiana Contractor's License shall be in the following category:

Highway, Street, and Bridge Construction

Probable Construction Cost: **\$600,000.00**

Bidder agrees that this bid shall be good and may not be withdrawn for a period of forty-five (45) calendar days after the scheduled closing time for receiving bids. In the event the Owner issues the Letter of Award (copy of adopted resolution awarding bid by Jefferson Parish Council) during this period, the bid accepted shall continue to remain binding until the execution of the Contract.

Attached hereto is the Public Works affidavit which must be provided by the low bidder as an original (not copy) within 10 calendar days after bid opening. This affidavit must be completed, signed and notarized. Failure to do so will cause bid to be rejected.

Low Bidder will execute the formal agreement and will deliver a Performance Bond or Bonds for the faithful performance of the Contract.

Bid Security, in the sum of five percent (5%) of the total bid price (Base Bid and any Alternates), is to become the property of the Owner in the event the successful bidder fails or refuses to execute the Contract or fails to produce performance and payment bonds upon contract signing. If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid Solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.

Further, upon receiving a notice to proceed, the Bidder agrees that all work shall be completed as follows: N/A

Further, as per Resolutions 113646 and 113647, the Bidder agrees to pay, as liquidated damages, the sum of N/A as follows for: (1) each consecutive calendar day after the agreed date of completion that the work remains substantially incomplete, or (2) each consecutive calendar day after substantial completion that the work has not been finally completed.

In addition to and not in lieu of the per diem liquidated damages, Owner shall also be entitled to recover from Contractor or Contractor's Surety additional liquidated damages as detailed in Resolutions 113646 and 113647. These additional liquidated damages may include, but are not limited to the following, in the amounts and for each of the items identified in the Supplementary Conditions:

- (1) Extended architectural and/or engineering fees \$N/A _____;
- (2) Extended Resident Project Representative fees \$N/A _____;
- (3) Extended construction management fees \$N/A _____;
- (4) Extended Owner's overhead and personnel expenses \$N/A _____; and
- (5) Owner's other costs directly related to the delay in completion beyond the Contract Times.

In addition to liquidated damages, in accordance with Section 6.02, "Labor; Working Hours," whenever Contractor's work requires inspections in excess of the budgeted amount for inspection, Contractor shall reimburse Owner for the additional costs incurred by the Owner with respect to inspection of the contracted project provided the additional costs for inspections are above the budgeted amount for the contracted project.

For this project, the Project Representative Services, in accordance with the terms of the Engineer's agreement with the Owner, provides that the average hourly rate to be charged for resident inspection for this construction project is \$ N/A and the reasonable budget for such inspections is \$ N/A (the overtime rates shall be \$ N/A per hour). The cost of inspection in excess of this budgeted amount shall be assessed against Contractor's progress payments, all in accordance with LSA R.S. 38:2216(L)(2).

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission; and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the inspector general in any investigation, audit, inspection, performance review, or hearing pursuant to this chapter. Every parish contract and every bid, proposal, application or solicitation for a parish contract, and every application for certification of eligibility for a parish contract or program shall contain a statement that the corporation, partnership, or person understands and will abide by all provisions of this chapter.

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF

INCORPORATED.

AT THE MEETING OF DIRECTORS OF _____
INCORPORATED, DULY NOTICED AND HELD ON _____,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED THAT _____, BE AND IS HEREBY
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-
FACT.

I HEREBY CERTIFY THE FOREGOING TO BE
A TRUE AND CORRECT COPY OF AN
EXCERPT OF THE MINUTES OF THE ABOVE
DATED MEETING OF THE BOARD OF
DIRECTORS OF SAID CORPORATION, AND
THE SAME HAS NOT BEEN REVOKED OR
RESCINDED.

SECRETARY-TREASURER

DATE

Public Works Bid Affidavit Instructions

- **Affidavit is supplied as a courtesy to Affiants, but it is the responsibility of the affiant to insure the affidavit they submit to Jefferson Parish complies, in both form and content, with federal, state and parish laws.**
- **Affidavit must be signed by an authorized representative of the entity or the affidavit will not be accepted.**
- **Affidavit must be notarized or the affidavit will not be accepted.**
- **Notary must sign name, print name, and include bar/notary number, or the affidavit will not be accepted.**
- **Affiant MUST select either A or B when required or the affidavit will not be accepted.**
- **Affiants who select choice A must include an attachment or the affidavit will not be accepted.**
- **If both choice A and B are selected, the affidavit will not be accepted.**
- **Affidavit marked N/A will not be accepted.**
- **It is the responsibility of the Affiant to submit a new affidavit if any additional campaign contributions are made after the affidavit is executed but prior to the time the council acts on the matter.**

Instruction sheet may be omitted when submitting the affidavit

Public Works Bid

AFFIDAVIT

STATE OF _____

PARISH/COUNTY OF _____

BEFORE ME, the undersigned authority, personally came and appeared: _____
_____, (Affiant) who after being by me duly sworn, deposed and said that
he/she is the fully authorized _____ of _____ (Entity),
the party who submitted a bid in response to Bid Number _____, to the Parish of
Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B _____ there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Affiant further said:

Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the parish to the Affiant.

Choice B _____ There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

Affiant further said:

Affiant personally has not been convicted of, nor has he/she entered into a plea of guilty or nolo contendere to any of the crimes or equivalent federal crimes listed below. No individual partner, incorporator, director, manager, officer, organizer, or member, who has a minimum of a ten percent ownership in the Bidding Entity, has been convicted of, or has entered a plea of guilty or nolo contendere to any of the crimes or equivalent federal crimes listed below. A conviction of or plea of guilty or nolo contendere to the following state crimes or equivalent federal crimes shall permanently bar any person or the bidding entity from bidding on public projects:

- (a) Public bribery (R.S. 14:118)
- (b) Corrupt influencing (R.S. 14:120)
- (c) Extortion (R.S. 14:66)
- (d) Money laundering (R.S. 14:230)

A conviction of or plea of guilty or nolo contendere to the following state crimes or equivalent federal crimes shall bar any person or the bidding entity from bidding on public projects for a period of five years from the date of conviction or from the date of the entrance of the plea of guilty or nolo contendere:

- (a) Theft (R.S. 14:67)
- (b) Identity Theft (R.S. 14:67, 16)
- (c) Theft of a business record (R.S. 14:67.20)
- (d) False accounting (R.S. 14:70)
- (e) Issuing worthless checks (R.S. 14:71)
- (f) Bank fraud (R.S. 14:71.1)
- (g) Forgery (R.S. 14:72)
- (h) Contractors; misapplication of payments (R.S. 14:202)
- (i) Malfeasance in office (R.S. 14:134)

The five-year prohibition provided for in this section shall apply only if the crime was committed during the solicitation or execution of a contract or bid awarded pursuant to these provisions. If evidence is submitted substantiating that a false attestation has been made and the project must be readvertised or the contract cancelled, the awarded entity making the false attestation shall be responsible to the public entity for the costs of rebidding, additional costs due to increased costs of bids and any and all delay costs due to the rebid or cancellation of this project.

[The remainder of this page is intentionally left blank.]

Affiant further said:

- (1) Entity is registered and participates in a status verification system to verify that all employees in the State of Louisiana are legal citizens of the United States or are legal aliens.
- (2) Entity shall continue, during the term of the contract, to utilize a status verification system to verify the legal status of all new employees in the State of Louisiana.
- (3) Entity shall require all subcontractors to submit to the Entity a sworn affidavit verifying compliance with statements (1) and (2).

Signature of Affiant

Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE _____ DAY OF _____, 20__.

Notary Public

Printed Name of Notary

Notary/Bar Roll Number

My commission expires _____.

INSURANCE REQUIREMENTS - BIDS

All insurance requirements shall conform to Jefferson Parish Resolution No. 113646 or No. 113647. The contractor shall not commence work under this contract until he has obtained all insurance and complied with the requirements of the specifications and said Parish Resolutions. Except as otherwise provided by law, the Parish Attorney's Office with the concurrence of the Director of Risk Management is authorized to omit in whole or part the insurance requirements of this section in connection with contracts. Vendors inquiring about this shall submit his written request to the Purchasing Department prior to the due date of the bid. Contractor must deliver and maintain such insurances as provided; failure to do so shall be grounds for suspension, discontinuation or termination of the contract.

Successful bidder will be required to procure standard insurance policies evidencing Parish mandated insurance requirements indicated below. The current certificate of insurance must be submitted by low bidder within 10 days after bid opening to the Purchasing Department. Failure to comply will cause bid to be rejected.

1. WORKER'S COMPENSATION INSURANCE

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

2. COMMERCIAL GENERAL LIABILITY

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

3. COMPREHENSIVE AUTOMOBILE LIABILITY

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.
Property Damage Liability \$1,000,000.00 each occurrence.

DEDUCTIBLES

No insurance required shall include a deductible not greater than \$10,000.00. The cost of the deductible shall be borne by the contractor.

NOTE: If the vendor requires a change in deductibles, the request must be submitted in writing to the Purchasing Department prior to the due date of the bid. Such request shall be reviewed by the Parish Attorney's Office.

UMBRELLA LIABILITY COVERAGE

An umbrella policy or excess may be used to meet minimum requirements.

CONSTRUCTION AND RENOVATION PROJECTS:

Unless otherwise specified in the bid, these additional insurance is required. Such insurance is due upon contract execution.

OWNER'S PROTECTIVE LIABILITY

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

BUILDER'S RISK INSURANCE

The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.

NOTE for CERTIFICATE HOLDER:

All insurance certificates shall list the certificate holder as follows:

"The Parish of Jefferson, its Districts, Departments and Agencies under the direction of the Parish President and the Parish Council." Additionally, the address on the Certificates should reflect the department which is letting the bid and reference the respective bid number.

Revised 2.10.2014