

**REQUEST FOR QUOTES
FOR
“PUMP STATION #31
ELECTRICAL CONDUIT REPLACEMENT”**

MAYOR AND BOARD OF ALDERMEN
PASS CHRISTIAN, MISSISSIPPI

Gentlemen:

Pursuant to your request for quotes, receivable until 2:00 P.M., on Wednesday, May 17, 2023, we _____ (Name of Company) residing at _____, do hereby submit our quote for the furnishing of labor, material and incidentals required to perform the work described below and in the accompanying technical specifications.

GENERAL REQUIREMENTS:

- (1) Contractor must furnish to the Owner proof of vehicular and public liability insurance in the amount of not less than \$1,000,000, prior to commencement of the work. The engineering firm of Covington Civil and Environmental, LLC and the City of Pass Christian shall be named as an additional insured on all liability policies with waiver of subrogation.
- (2) **Quote form must be sealed in an envelope and turned into the City Clerk no later than 2:00 p.m., Wednesday, May 17, 2023 at City Hall, located at 200 West Second Street, Pass Christian, MS 39571.**
- (3) **Contractor shall be aware of a 6” high pressure gas main owned and operated by Gulf South Pipeline that is in the vicinity of the concrete apron on the west side of Menge Avenue adjacent to the control panel. It is believed that this gas main is not less than 4’ deep; however, in addition to calling MS811 for a utility locate request, the Contractor shall be required to contact Dusty Oubre at 228-223-7720 of Gulf South Pipeline prior to beginning any work near the buried gas pipeline**
- (4) Failure of the contractor to commence work under the terms of this contract within seven (7) calendar days from the purchase order issue date or Notice to Proceed (NTP shall be justification for the cancellation of the contract without penalty to either party.
- (5) All work under this contract is to be substantially complete in twenty-one (21) calendar days and fully completed within thirty (30) calendar days from the date when OWNER delivers purchase order to contractor and a Notice to Proceed (NTP) is issued by the Engineer. It is not intended for the NTP to be issued until the Contractor verifies all materials needed to complete the work are in place and available for installation. Failure of Contractor to proceed with the authorized work in a timely and

efficient manner will be justification for the cancellation of this contract, as provided for herein.

- (6) Full payment for the completed work will be made upon satisfactory completion of the work, including all final restoration. If the contractor agrees to forego progress payments and will accept final payment as full payment for the work involved, the Owner will waive the requirement to provide payment and performance bonds provided the total amount of the quote is less than \$25,000. If progress payments will be requested for payment by the contractor or if the amount of the quote is in excess of \$25,000, payment and performance bonds will be required to be submitted with the executed contracts and insurance certificates.
- (7) Contractor to provide any well pointing, if necessary.
- (8) It is intended to bypass pump the pump station by utilizing the existing pump to continue being in service as the pumps are replaced.
- (9) The Contractor will be required to coordinate with the City of Pass Christian Police Department to provide traffic control during the course of the work, as required to close the intersection.
- (10) **Maintenance of Traffic** shall be the responsibility of the Contractor in that a detour route for truck traffic must be established at Demourelle Road to Espy Avenue for southbound traffic including appropriate signage. The Contractor shall submit a proposed detour route for review by the Engineer and Owner prior to beginning the work. At a minimum, detour signage for truck traffic from East North Street may be detoured at Rosehart Avenue south to Francis Street and then back to Menge Avenue for traffic intending to move south on Menge Avenue from East North Street. Traffic traveling north on Menge Avenue, south of the intersection will have to be detoured via Francis Street and then to Rosehart Avenue and ultimately to East North Street; However, south of East North Street, Menge Avenue is not a designated truck route. For southbound traffic on Menge Avenue, signage indicating East North Street is closed to truck traffic will have to be placed at numerous locations including but not limited to: the Interstate southbound; at Red Creek Road; and Pineville Road. For eastbound traffic on East North Street, appropriate signage must be placed along East North Street including but not limited to: Henderson Avenue; Fleitas Avenue; Market Street; and, Davis Avenue. For northbound traffic, signage on Hwy 90 at Menge Avenue and on Espy Avenue at Demourelle Road will be required at a minimum. The contractor shall prepare a Traffic Control plan, which shall be submitted to the Engineer and Owner for review prior to beginning the work. Notifications of any road closures/detours to City departments and affected emergency operations personnel within the County (i.e, AMR, Sheriff, School bus system, mail carriers, etc.) as well as for Gulf Coast Prestress. The notifications shall be printed in the local newspaper and shall be provided to the affected agencies/departments a minimum of 5 working days prior to initiating the road closure or detour.
- (11) Contractor to perform all surface restoration in accordance with these requirements.
- (12) All existing discharge piping can be reused. New full-circle clamps as required to make the final connection of the discharge pipes shall be anticipated and the cost included in installing the replacement pumps.

- (13) The Contractor shall be responsible for all electrical connections for both the pumps and floats and shall ensure the controls are properly functioning prior to demobilizing from the site.
- (14) Foundation material for buried conduit will be paid per square yard based on plan measure (PM) of a total of 12" of imported foundation material being installed beneath the bottom of the conduit. This will require an excavation of approximately 2.5' in depth, if possible. ***There is a 6" high pressure gas main that crosses the area where the new conduits will be installed, as indicated on the plans. Depending on the depth of the gas main as well as that of the RCP that also encroaches on the project area, the desired depth of the conduits may have to be adjusted.***
- (15) Select backfill material will be measured and paid per cubic yard based on a plan measure (PM) of 3' wide trench not deeper than 1.5' deep to the bottom of the conduit, minus the diameters of the conduits.
- (16) The replacement of the concrete slab shall include 8" of compacted #610 limestone followed by 6" of 4,000 psi concrete including one (1) layer of #5 bars at 6" on center. The contractor shall drill and install dowels into the existing concrete slab for both layers of steel not less than a minimum of 9" on each side of joint on both sides. In lieu of doweling into the existing concrete, the Contractor may elect to clean the concrete to be removed from the existing rebar allowing at least 9" of exposed steel to be tie to and embedded into the new concrete.
- (17) Cylinders for concrete testing shall be obtained by an approved laboratory, retained and compensated by the Contractor for evaluating the concrete strength at 7, 14 and 28 days. Any concrete found to be deficient shall be removed and replaced, including any associated reinforcing steel that may have been damaged in the concrete removal process. All reinforcing steel shall be not less than 60 ksi.
- (18) The contractor shall protect the new concrete from excessive heat resulting from the curing process. Wet burlap bags may be used provided the contractor ensures they are kept wet during the curing process to slow down the process. Any concrete that has cracked during the 12-month warranty period, which exhibits signs of a failure in the concrete or the limestone base/backfill etc. shall be replaced at the contractor's expense.
- (19) Asphalt repair shall include not less than 8" of compacted #610 limestone followed by 8" of compacted asphalt place in (4) four, two-inch compacted lifts. If the asphalt settles by as much as 1/2" during the warranty period, the contractor shall mill to a depth of not less than 2" below the surrounding surface and shall re-install an additional lift of asphalt at no cost to the Owner or Engineer.
- (20) Maintenance limestone shall be paid by the square yard, field measure, based on an amount equal to 8" in thickness for asphalt pavement and 6" thick for concrete pavement multiplied by 3' wide by 50' long,
- (21) Replacement of the concrete shall include all labor, materials, and testing needed to fully complete the replacement concrete based on an estimated size of 3' wide x 15' long by 6" thick, including all dowels and reinforcement.
- (22) The City shall provide assistance in making the connections for the necessary bypass pumping; Therefore, the contractor shall not include bypass pumping as an additional cost in his quote.

- (23) Contractor shall warrant his work against defects in materials and workmanship for a period of one year following final payment for the project by the City.
- (24) The price submitted shall include any and all applicable taxes or fees, and shall be in full consideration of all expenses incurred in performing the work.
- (25) Contractor shall retain and compensate an independent laboratory to perform the appropriate tests to verify compliance with this specifications.
- (26) Reasonably implied parts of the work shall be done though absent from these specifications**

- (a) Any part or item of the work which is reasonably implied or normally required to make the project satisfactorily operable and functional shall be performed by the Contractor and the expense thereof shall be included in the applicable unit prices or lump sum prices bid for the work. It is the intent of these specifications to provide the Owner with complete operable systems, subsystems, and other items of work. All miscellaneous appurtenances and other items of work that are incidental to meeting the intent of these specifications shall be considered as having been included in the applicable unit prices or lump sum prices bid for the work even though these appurtenances and items may not be specifically called for in this request.

MATERIALS

- (1) Electrical conduit shall be Schedule 40 PVC and shall be sunlight resistant if it will be installed in a location exposed to direct sunlight.
- (2) Crushed limestone for use as road base or driveway restoration shall consist of a blend of various sizes of 100% crushed limestone or granite, containing not more than 20% thin or elongated pieces. Percentage of wear, Los Angeles Test, shall not be more than 50%. When subjected to five (5) cycles of the soundness test, by use of magnesium sulfate, the weighted percentage of loss shall not be more than 15. The blend shall be well-graded, to permit an easy compaction into a stable mass, and shall conform in every case to the following master range:

<u>Square-Mesh Sieve</u>	<u>% Passing (by Dry Wt.)</u>
1 1/2"	100
1"	90 - 100
3/4"	70 - 95
3/8"	50 - 80
#4	35 - 65
#10	25 - 50
#40	10 - 26
#200	4 - 12

The soft, red-colored "Red Limestone" commonly imported from Mexico is not acceptable due to its poor performance in wet conditions.

- (3) Pipe Foundation Material - Contractor may elect to furnish any of the following material mixtures:
- (a) A mixture of approximately 50 percent washed gravel ranging up to 3/4 inches particle size and 50 percent clean well-graded sand, mixed to yield a homogeneous cohesionless material compactable into an essentially voidless mass. Naturally occurring sandy gravel mixtures which have these characteristics will also be acceptable.
 - (b) Well-graded crushed limestone consisting of a blend of various sizes of 100% crushed limestone or granite, containing not more than 20% thin or elongated pieces. Percentage of wear, Los Angeles Test, shall not be more than 50%. When subjected to five (5) cycles of the soundness test, by use of magnesium sulfate, the weighted percentage of loss shall not be more than 15. The blend shall be well-graded, to permit an easy compaction into a stable mass, and shall conform in every case to the following master range:

<u>Square-Mesh Sieve</u>	<u>% Passing (by Dry Wt.)</u>
1 1/2"	100
1"	90 - 100
3/4"	70 - 95
3/8"	50 - 80
#4	35 - 65
#10	25 - 50
#40	10 - 26
#200	4 - 12

If the mixture as received does not contain sufficient fines to form an essentially voidless mass, then clean sand shall be blended in to fill the voids.

- (4) Select Sandy Backfill - (use only where required by Engineer) shall be a well graded sandy cohesionless material, no more than 20 percent (by weight) of which shall pass the No. 200 sieve. Material shall be free of pieces of broken asphalt, concrete, and the like. Contractor shall retain and compensate an independent laboratory to perform the appropriate tests to verify compliance with this specification.
- (5) Geotextile Fabric - Material shall be a non-woven 100 percent polypropylene sheet have the following characteristics:

Weight	> 4 oz/sq. yd.	per ASTM D1910
Thickness	> 15 mils	per ASTM D1777
Grab Tensile	>150 lbs.	per ASTM D1682
Trapezoidal Tear	> 77 lbs.	per ASTM D1682
Mullen Burst	>200 psi	per ASTM D774
Puncture Strength	> 43 lbs.	per CW02215

- (6) Concrete shall conform to the requirements of MDOT Standard Specifications, latest edition. Minimum compressive strength shall be 5,000 p.s.i.
- (7) Steel reinforcement shall be Billet Steel Bars, Grade 60.

- (8) Curing Materials shall conform to the requirements set out in the Standard Specifications for Liquid Membrane Forming Compounds for Curing Concrete, AASHTO Designation: M-148, Type 2 (White Pigmented).
- (9) Expansion joint material shall conform to Standard Specifications for Preformed Expansion Joint Fillers for Concrete (non-extruding and resilient types), AASHTO Designation M-213.
- (10) Dowel bars shall be plain round bars of Grade 60 billet steel, AASHTO Designation M-31. Before installation, each dowel bar shall be painted with rust inhibitive primer.

CONSTRUCTION REQUIREMENTS:

- (1) The Owner intends to replace the existing 4" Schedule 40 PVC conduit with two conduits (i.e., 3" and 4" Schedule 40 PVC conduit. The portion of the conduit above ground and subject to degradation by UV rays shall be sunlight resistant. The 3" conduit is intended for the wiring associated with the installation of the new float system and the 4" conduit is intended to be used for the pump cables.
- (2) The Owner will provide the replacement pumps and the necessary lengths of cord to be pulled through the new conduit as well as the new float and associated wiring. The two (2) new conduits shall be buried not less than 1.5' deep (if possible), to the bottom of the conduit and shall be separated by not less than 12" to allow adequate room for compaction of bedding and backfill material.
- (3) The Contractor shall be required to core the new hole(s) into the side of the wet well for the installation. If an existing hole is not reused but new holes are cored for the new installation, the contractor shall repair the existing hole or plug the existing conduit that may have been cut on both sides of the wet well wall and adequately seal it to prevent intrusion, to the satisfaction of the Engineer and/or Owner.
- (4) During the course of this work, two (2) replacement pumps are to be installed within the wet well with a new float system, both of which are to be provided by the Owner.
- (5) The Contractor will be required to sawcut the existing asphalt pavement (all depths) as well as the concrete slab used for accommodating wide loads turning onto northbound Menge Avenue. It is estimated that the concrete slab is not less than 6" thick and contains one (1) layer of reinforcement steel on 6" centers. The existing asphalt pavement is believed to be a minimum of 6"- 8" thick.
- (6) The removal of pavement must be sufficiently wide to allow the existing conduit to remain in place with the pump functioning as a bypass pump during the course of the work, until such time occurs when the replacement pumps are to be installed, which if installed one pump at a time would allow at least one (1) of the submersible sewage pumps to be used for continuous bypassing of the station.
- (7) Upon completion of the installation of the new conduits with at least one replacement pump being functional, the existing conduit shall be removed from the excavation. It is not anticipated that the overall width of the sawcut trench will exceed 3'.
- (8) Traffic Control is the responsibility of Contractor. Provide warning signs and/or qualified flagmen in accordance with the Manual of Uniform Traffic Control Devices (latest edition), at all times protecting the public from danger. If a street must be

entirely closed to traffic, notify emergency agencies and City Officials when the closure is made, and again when the street is re-opened. The contractor shall publish the closure in the local newspaper (i.e. The Sun Herald) a minimum of 7 days in advance of the anticipated closure. The publication shall include the anticipated length of the closure and shall be forwarded to all emergency operations personnel and City Departments (i.e., Police Dept., Public Works, Fire Department, AMR, Sheriff's Department, City Water and Sewer Operator (WPSCO), etc.). The Contractor shall provide adequate detours to reroute traffic during any planned road closure.

- (9) Locate, protect, and preserve all existing utility cables in the work area -- power, telephone, and TV cable Contractor must coordinate with the utility owners if adjustments must be made to accommodate the work.
- (10) Locate, protect, and preserve all existing water and sewer facilities in the work area. City will assist in marking the location of all known facilities, but Contractor will be expected to excavate carefully to avoid damaging facilities whether or not they are properly marked, and shall repair damage to the satisfaction of the Owner.
- (9) Pipe Bedding and Backfill
 - (a) Unsuitable backfill material will be removed and disposed of outside of the project area by the Contractor and select backfill material will be incorporated into the work. For submitting a quote, the Contractor shall plan on disposing of all existing native soil and using only imported foundation material and select sandy backfill for this work.
 - (b) Place geotextile fabric in full accordance with manufacturer's recommendations, carefully avoiding damage to fabric. Subbase shall be leveled and compacted to the maximum practicable extent prior to placement of geotextile fabric. Fabric shall be spread across the entire width of the open trench, and extending up the side wall of the trench. Lap all joints a minimum of 18 inches.
 - (c) Select Sandy Backfill, whether native or imported material, shall be placed in 8-inch loose lifts and compacted to the depth of the final subgrade.
- (10) Restoration - Asphalt Pavement
 - (a) Whenever the pipeline trench is wholly or partially under pavement, the existing asphalt shall be sawcut to form a smooth uniform edge. **Milling existing asphalt pavement will not be an acceptable means for establishing a straight edge for the final pavement.**
 - (b) Whenever the pipeline trench is partially or wholly under pavement, the trench backfill shall be carefully placed and compacted in layers not exceeding 8 inches in thickness to result in compaction of not less than 95% Modified Proctor Density throughout the trench backfill. Density tests will be performed on each lift of backfill. The contractor shall retain and compensate an independent testing laboratory to perform the required tests. The Engineer or his representative must witness all density tests in order for the test results to be considered acceptable. The contractor shall provide the Engineer with the results of the modified Proctor results as well as a sieve analysis to ensure compliance with these specifications.
 - (c) Street restoration shall consist of an 8-inch crushed limestone base, 4 inches of asphalt base course (19.0 mm mix) and 4-inches of asphalt surface course

(9.5mm mix). The backfill within the area to be paved shall be brought to the sub-grade elevation, and then graded to a uniform surface. Testing of the backfill shall occur prior to the installation of the crushed limestone base. Upon achieving the desired density of the backfill, as determined by testing, the installation of crushed limestone base course shall then follow immediately. The final lift of sand backfill as well as the crushed limestone base shall be compacted to a density of not less than 95% Modified Proctor Density throughout the allowable restoration limits. A minimum of two (2) density tests shall be performed on backfill material in the presence of the Engineer or his representative. If surface conditions do not appear to be satisfactory, in the opinion of the Engineer or his representative, additional density tests shall be required at no additional compensation to the contractor. The contractor shall retain and compensate an independent testing laboratory to perform the required tests. The Engineer or his representative must witness all density tests in order for the test results to be considered acceptable.

- (d) A minimum of 8" of crushed #610 limestone shall be placed upon the prepared limestone base and shall then be compacted and graded to match the adjacent asphalt surface to form a usable temporary road surface. This surface shall be maintained by the contractor for a minimum of 21 calendar days prior to placement of Hot Bituminous Pavement (i.e., base course or surface course). Any excess limestone, which must be removed prior to and in order to provide a smooth uniform surface to match the existing asphalt shall be disposed of by the contractor at no additional cost to the Owner.
- (e) Prior to the placement of the asphalt, the contractor shall remove a minimum of 8 inches of limestone to allow for the placement of the asphalt. Upon completion of the removal of this excess material, the contractor shall have an independent laboratory perform the required density tests on the limestone base.
- (f) The asphalt shall be placed and compacted in four (4), two-inch lifts. Mix designs shall be provided to the Engineer for review prior to placement. If the contractor does not produce a straight edge by sawcutting, payment for asphalt pavement will not be recommended to the Owner until the matter is satisfactorily resolved.
- (g) Installation of hot bituminous asphalt surface course shall conform to Sections 301 and 403 MDOT Standard Specifications. The finished pavement surface shall meet the smoothness tolerances provided in Section 403.03.2 of the MDOT Standard Specifications, unless a variance is otherwise approved by Engineer. Areas that fail to meet this standard shall receive an additional overlay of the existing asphalt, at no additional cost to the Engineer or Owner, to correct this deficiency. Form transitions to adjacent existing surfaces in a neat and professional manner. Costs for any and all inspections and testing required by the above specifications shall be borne by the Contractor.

(11) Restoration - Concrete Roadway

- (a) Existing concrete is to be carefully removed by Contractor, avoiding damage to adjacent facilities which are to remain. All debris must be removed from the project area immediately, at Contractor's sole expense.
- (b) Where existing construction joints are not located to permit economical removal and replacement of concrete to the existing joint, the Contractor shall make a sawn joint. The purpose of this is to form a neat and straight

joint.

- (c) Existing culvert pipe and drainage structures, if encountered, shall be carefully preserved in their positions. If necessary and prudent, select sandy backfill shall be used to stabilize these in position to avoid displacement. Any culvert pipe joint exposed by excavation shall be wrapped with an approved filter fabric, to prevent migration of soil into the pipe.
- (d) As soon as construction backfill has been brought up to grade, shaped and compacted to 95% Modified Proctor Density, all concrete items of the types designated herein can be replaced. The contractor shall retain and compensate an independent testing laboratory to confirm that he is achieving the required density of the backfill material and limestone base material. A minimum of two (2) density tests per lift of subgrade and limestone base material shall be required. In areas where the density test fails to meet the requirements of this specification, the area shall be recompacted and retested at no additional compensation to the contractor by the Owner. All density tests must be witnessed by the Engineer or his representative to be considered acceptable in complying with the specifications.
- (e) The concrete used in construction shall be proportioned, mixed, placed and protected in accordance with the provisions and requirements in the MDOT Standard Specifications, 1990 Edition, Section 804 and 2004 Edition, Division
- (f) Minimum 28-day compressive strength shall be 4,000 psi. Any concrete that has not been placed in forms within 1 hour from the time of being batched will be rejected.
- (g) Forms shall be of wood or metal, straight, free from warp, of sufficient strength to resist the pressure of the concrete without springing, and shall be cleaned thoroughly and oiled before concrete is placed against them. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal.
- (h) Concrete items of the types designated shall be configured to match adjacent existing facilities.
- (i) Reinforcement shall be placed in exact positions shown on the plans and firmly held during the placing and setting of concrete. Reinforcement for concrete pavement shall consist of #5 bars at 6" on center each way. Replacement concrete pavement shall have #4 bars, 12" long doweled into the existing concrete at 12" O.C. and shall have a minimum embedment length of 6" into the existing concrete. Required reinforcement steel shall be tied to the dowels as a means of tying the two slabs together. Metal devices in contact with exterior surface of the structure shall be galvanized. The use of gravel, pieces of broken stone or brick, metal pipe and wooden blocks as spacers will not be permitted.
- (j) The concrete shall be deposited in a single layer on a moist grade to such depth that after finishing it shall be to the full thickness required, but not less than six (6) inches. The edges and sides of the replacement concrete

shall have a thickened edge not less than eight (8) inches, or as detailed in the Drawings. The edges and sides shall be thoroughly spaded, and the surface tamped sufficiently to consolidate the concrete and bring mortar, for finishing, to the surface.

(k) Finishing:

1. Pavement Surface - "Drag Finish", a uniform surface of gritty texture produced by dragging a seamless strip of damp burlap or cotton fabric longitudinal along the surface.
2. After the final finish but before the concrete has taken its initial set, all edges shall be worked with an approved tool.
 - (l) Edges shall be carefully finished and rounded with an edging tool having a radius of one-half (1/2) inch.
- (m) Remove edge marks with a wetted brush, so as to give the surface a uniform granular texture which will not be slick when wet.
- (n) For concrete pavements, construction joints shall be placed as detailed in Drawings. Expansion joints consisting of premolded expansion joint material, one-half (1/2) inch thick, full depth, shall align with existing expansion joints (approximately 40 feet O.C.) and along sawn joints. ~~Contraction joints shall be spaced at not more than 15 feet.~~
- (o) All joints shall be sealed with an approved joint sealer.
- (p) Cure with white pigmented liquid membrane, conforming to ASTM C-309 spray uniformly at a rate of one gallon to not more than 150 square feet by mechanical sprayer immediately after finishing operation is completed.
- (q) On portions of the concrete pavement that do not adjoin adjacent pavement (i.e., asphalt or concrete), the contractor shall fill in the area with an approved shoulder materials sufficient to match the elevation of the surrounding ground. The use of approved shoulder material shall not be measured for separate payment but shall be included in the unit price to which it is subsidiary.

METHOD OF MEASUREMENT

- (1) If determined to be suitable to the Engineer or his representative, pipe bedding and backfill material will consist of native material. Any additional imported material required for backfilling will be measured for separate payment by the cubic yard, in-place measure, tested and accepted. **For the purposes of this quote, the contractor should anticipate using imported material for pipe foundation material.** No separate payment will be made for the use of native material for bedding and backfill material.
- (2) Maintenance of Traffic will be measured and paid as a lump sum.

- (3) Geotextile fabric placed between the subgrade and the limestone base will not be measured for separate payment but will be considered incidental to the type of work being performed.
- (4) Installation of foundation material for buried conduit will be paid based on plan measure (CY) based on a total of 12" of imported foundation material being installed beneath the bottom of the conduit. This will require an excavation of approximately 2.5' in depth, if possible, based on the depth of the RCP culvert and the gas main.
- (5) Select sandy backfill material, select backfill material will be measured by plan measure (CY) based on a 3' wide trench not deeper than 1.5' deep to the bottom of the conduit, minus the diameters of the conduits.
- (6) Pavement removal and unclassified excavation shall not be measured for separate payment but shall be included in the unit price or lump sum to which it is subsidiary.
- (7) The use of native material for select sandy backfill will not be measured separately for payment but shall be considered incidental to the work being performed.
- (8) Bypass pumping and well pointing will not be measured for separate payment but, if the Contractor believes it to be necessary, shall include any additional cost in the lump sum or unit price pay item to which it is subsidiary.
- (9) Sawcutting the existing pavement shall be measured per linear feet of pavement material cut (full depth) and accepted by the Owner or the Engineer based on the overall length of pavement from the lift station to the control.
- (10) Installation and of new conduit shall be measured and paid as a lump sum based on the approximately 50 +/- If of both 3" and 4" Schedule 40 PVC conduit installed and accepted. This cost should include a new pull box installed on the power pole, where the controls are mounted of sufficient size to adequately contain both sizes of conduit.
- (11) Installation of the new pumps and float system shall be measured and paid as a lump sum for the complete installation, including but not limited to connecting to the discharge pipes, pulling the cables through the new conduit and making the connections to the existing controls having a fully functional pump station.
- (12) **Limestone Base Material:** Compacted crushed limestone (#610 limestone), measuring 8" in compacted thickness, used as a base for the road cut shall be based on plan measure of the dimensions stated above for the allowable trench width.
- (13) **Maintenance Limestone:** Compacted crushed limestone (#610 limestone), measuring 8" in compacted thickness, used as maintenance limestone above the limestone base shall be based on plan measure of the dimensions stated above for the allowable trench width.
- (14) Measurement of asphalt base course shall be measured by the square yard plan measure (PM) for 4" of asphalt base course installed based on the allowable trench width.
- (15) Measurement of asphalt surface course shall be measured by the square yard plan measure (PM) for 4" of asphalt surface course installed based on the allowable trench width.
- (16) Concrete pavement shall be measured and paid per square yard (PM) for 6" of reinforced concrete pavement installed above a limestone base course, as described,

including reinforcement, doweling into the existing concrete pavement, joint sealant, etc. as well as maintaining the concrete temperature during the curing process.

PAYMENT – QUOTE TO BE SUBMITTED ON THE ATTACHED FORM

CITY OF PASS CHRISTIAN

QUOTE FORM

Quote of _____
(hereinafter called "Contractor"), organized and existing under the laws of the State of _____
_____ doing business as _____
_____ *

To the City of Pass Christian, Mississippi, (hereinafter called "Owner").
Gentlemen:

The Contractor, in compliance with your request for quotes for:

**CITY OF PASS CHRISTIAN
PUMP STATION #31
ELECTRICAL CONDUIT REPLACEMENT**

having examined the specifications with related documents and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials and supplies, and to construct the project in accordance with the Contract Documents, within the time set forth therein, and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the Contract Documents, of which this is a part.

Contractor hereby agrees to commence work under this contract on or before a date to be specified in written "Notice to Proceed" of the Owner and to fully complete the project within 30 consecutive calendar days thereafter as stated hereafter in this proposal.

Contractor acknowledges receipt of the following addendum:

Addendum No. _____ dated _____
Addendum No. _____ dated _____
Addendum No. _____ dated _____

*Insert corporation, partnership or individual as applies

Complete unit price in words and figures under Item Description and the Extension (Unit Price x Quantity) in figures.

Contractor agrees to perform all the work described in the specifications and shown on the plans, for the following unit prices:

PAY ITEMS

NO.	ITEM DESCRIPTION	QUANTITY	EXTENSION
1	Maintenance of Traffic	1 LS	\$
		(UNIT PRICE IN FIGURES)	(EXTENSION IN FIGURES)
1	Sawcutting Existing Pavements (All Types and Thicknesses)	110 LF	\$
		(UNIT PRICE IN FIGURES)	(EXTENSION IN FIGURES)
2	Remove and Replace Reinforced Concrete Pavement (Includes Testing)	7.5 SY	\$
		(UNIT PRICE IN FIGURES)	(EXTENSION IN FIGURES)
3	Remove and Replace Asphalt Pavement (4" - 19.0 mm mix, 4" - 9.5 mm mix)	22.0 SY	\$
		(UNIT PRICE IN FIGURES)	(EXTENSION IN FIGURES)
4	Imported Foundation Material (12" Compacted)	22.0 SY	\$
		(UNIT PRICE IN FIGURES)	(EXTENSION IN FIGURES)
5	Imported Select Sandy Backfill (PM)	30 CY	\$
		(UNIT PRICE IN FIGURES)	(EXTENSION IN FIGURES)
6	Install Two (2) Replacement Pumps (Owner Provided)	1 LS	\$
		(UNIT PRICE IN FIGURES)	(EXTENSION IN FIGURES)
7	Install New Floats (Owner Provided)	1 LS	\$
		(UNIT PRICE IN FIGURES)	(EXTENSION IN FIGURES)
8	Install New Conduits (i.e., 3" and 4") (Contractor Provided)	1 LS	\$
		(UNIT PRICE IN FIGURES)	(EXTENSION IN FIGURES)
9	Limestone Base Material (#610 - 8" Compacted)	17 SY	\$
		(UNIT PRICE IN FIGURES)	(EXTENSION IN FIGURES)
10	Maintenance Limestone Material (#610 - 8" Compacted)	17 SY	\$
		(UNIT PRICE IN FIGURES)	(EXTENSION IN FIGURES)
Total Quote			

(AMOUNTS ARE TO BE IN WORDS AND FIGURES. IN CASE OF DISCREPANCY, THE AMOUNT SHOWN IN WORDS WILL
Contractor understands that the Owner reserves the right to reject any and all quotes.

The contractor agrees that this quote shall be good and may not be withdrawn for a period of 90 calendar days after the scheduled closing time for receiving quotes.

Respectfully submitted:

Name of Company:

(SEAL - if quote is by corporation)

By

Title

Address:

Street: _____

P.O. Box _____

City: _____

State: _____

Telephone: _____

Cert. of Resp. No. _____