



JEFFERSON PARISH

DEPARTMENT OF PURCHASING

CYNTHIA LEE SHENG
PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

July 15, 2025

ADDENDUM # 2

Bid Number: 50-00147850

Bid Opening Date: July 08, 2025 at 2:00 p.m cst
Bid Opening Date postponed to July 22, 2025 at 2:00 p.m.

One Year Contract to Provide Gearbox Mechanical Maintenance, Repair, Vibration , analysis and Static Balancing for the Jefferson Parish Department of Public Works-Drainage Pump Stations

NOTIFICATION:

La State Contractors license is in Municipal and Public Works classification

Contract terms has been revised to One Year

Specifications and Bid Packet has been revised per Addendum 2

*******Please discards previous Bid Packet and use the attached- Revised per Addendum 2*******

Sincerely,

A handwritten signature in black ink, appearing to read "Donna Evans", is written over a horizontal line.

Donna M. Evans
Purchasing Specialist II

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of this addendum on the bid form by indicating the addendum number listed above. Failure to list each addenda number on the bid form will result in bid rejection.

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.

JOSEPH S. YENNI BUILDING - 1221 ELMWOOD PARK BLVD - SUITE 404 - JEFFERSON, LA 70123 - PO BOX 10242 JEFFERSON, LA 70181-0242
OFFICE 504.364-2678

GENERAL GOVERNMENT BUILDING - 200 DERBIGNY ST - SUITE 4400 - GRETN, LA 70053 - PO BOX 9 - GRETN - LA 70054
OFFICE 504.364.2678

EMAIL: PURCHASING@JEFFPARISH.NET

WEBSITE: WWW.JEFFPARISH.NET

**INVITATION TO BID
THIS IS NOT AN ORDER**

REVISED PER ADDENDUM 2
Page: 1

DATE: 7/15/2025

BID NO: 50-00147850

JEFFERSON PARISH

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

PURCHASING SPECIALIST:
@jeffparish.gov

BIDS WILL BE RECEIVED ONLINE VIA WWW.JEFFPARISHBIDS.NET UNTIL 2:00 PM, 7/22/2025 AND PUBLICLY OPENED THEREAFTER IN THE WEST BANK PURCHASING DEPT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053. At no charge, bidders are to submit their bid via Jefferson Parish's electronic procurement page. Additional instructions are included in the text box highlighting electronic procurement.

LATE BIDS WILL NOT BE ACCEPTED

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 FOR SIGNATURES SHALL RESULT IN BID REJECTION. HOWEVER, ELECTRONIC SIGNATURES AS DEFINED IN La. R.S. 9:2602(8) ARE ACCEPTABLE. IN ACCORDANCE WITH La. R.S. 9:2602(8), JEFFERSON PARISH REQUIRES A SECURED DIGITAL SIGNATURE AND BIDDERS MUST PROVIDE PROOF OF THE SECURED SIGNATURE WITH BID SUBMISSION.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

- A. All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, and in the terms and conditions of Resolution No. 136353 and/or Resolution No. 141125, all of which are made part of this bid proposal and ensuing contract by 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 ("JPCO"), Louisiana Code of Ethics, and applicable Jefferson Parish ethical standards.
- B. The General Conditions for construction projects (141125) and the General Conditions for the purchase of materials, services and/or supplies (136353) are those adopted by the Jefferson Parish Council by Resolution No. 136353 and Resolution No. 141125, respectively. The General Conditions adopted by these resolutions shall be considered as much a part of this document and the ensuing contract or P.O. as if they were written wholly herein. A copy of each 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 of each by visiting the Purchasing Department webpage at <http://www.jeffparish.gov/464/Purchasing> and clicking on Online Forms.
- C. Jefferson Parish adheres to the Louisiana Code of Governmental Ethics, contained in La. R.S. 42:1101, et seq. Vendor/Proposer by this submission, warrants that there are no "conflicts of interest" related to this procurement that would violate applicable Louisiana Law. Violation of the Louisiana Code of Governmental Ethics may result in rescission of contract, permit or licenses, and the imposition of fines and/or penalties, without contractual liability to the public in accordance with applicable law.
- D. All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://www.jeffparish.gov/464/Purchasing> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Vendors may experience a delay in payment if your company is not a registered vendor with Jefferson Parish.
- E. All quotations shall be based on F.O.B. Agency warehouse or job site (see Additional Requirements section), anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to Public Works projects.
- F. 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 on the bid form with bid submission. Supporting documentation may be required upon request.

Visit our website at [HTTP://JEFFPARISH.GOV/464/PURCHASING](http://JEFFPARISH.GOV/464/PURCHASING)

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- G. Bidders should submit all questions in writing via email to the Purchasing Specialist's email address as indicated above, no later than five (5) working days prior to the bid opening. Bid numbers must be mentioned in all requests. If submitting online, vendors may send questions via the E-Procurement site no later than five (5) working days prior to the bid opening. 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.
- H. All formal Addenda require written acknowledgement on the bid form by the bidder. Failure to acknowledge any 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.
- I. 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.
- J. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications. 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.
- K. Written evidence of the authority of the individual signing the bid having such authority must be submitted with the bid. Failure to comply will cause bid to be rejected. Acceptable written evidence may be a printout of the Louisiana Secretary of State's website listing the signatory as an officer or a manager. Such printout shall be included with the bid submission. Bids submitted by Owners or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. This documentation must be submitted with the bid. Failure to do so will result in bid rejection. A sample corporate resolution can be downloaded from our website <http://www.jeffparish.gov/464/Purchasing> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://www.jeffparish.gov/464/Purchasing> or you may provide your own document.
- L. 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. SPLIT AWARDS MADE TO SEVERAL VENDORS WILL ONLY BE GRANTED TO THOSE DEEMED RESPONSIVE AND RESPONSIBLE.
- a. 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 day increments.
 - b. PROTESTS: Only those vendors that submit bids in response to this solicitation may protest any element of the procurement, in writing to the Director of the Purchasing Department. Written protest must be received within 48 hours of the release of the bid tabulation by the Purchasing Department. After consultation, the Parish Attorney's Office will then respond to protests in writing. (For more information, please see Chapter 2, Article VII, Division 2, Sec. 2-914.1 of the Jefferson Parish Code of Ordinances.)
 - c. PREFERENCE: Unless federal funding is directly spent by Jefferson Parish for this purchase, 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"
- M. 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.
- N. 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 any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.
- a. 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.
- O. PRICES: Jefferson Parish is exempt from paying sales tax under La. 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 local taxes. The price quoted for work shall be stated in figures no more than four (4) decimal points. In the event there is a difference in unit prices and totals, the unit price shall prevail.
- a. Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

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INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

- P. **ANTI- DISCRIMINATION:** 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).
- a. In accordance with La. R.S. 38:2216.1, Jefferson Parish is prohibited from entering into a contract with a value of \$100,000 or more with a company for the purchase of goods or services unless the contract contains a written verification from the company of both of the following: 1) The company does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. 2) The company will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association. As a result, the awarded bidder will be required to verify the above in the ensuing contract.
- Q. **INSPECTOR GENERAL:** 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 JPCO 2-155.10(19). By signing this document, every corporation, partnership, or person contracting with PARISH, whether by cooperative endeavor, intergovernmental agreement, bid, proposal, application or solicitation for a parish contract, and every application for certification of eligibility for a parish contract or program, attests that it understands and will abide by all provisions of JPCO 2-155.10.
- R. Proof of Cyber Security Training may be required for the successful bidder. Pursuant to La. R.S. 42:1267, any contractor who has access to state or local government information technology assets is required to complete cybersecurity training during the term of the contract and during any renewal period. As a Parish contractor, you are responsible for taking the cyber training, whether from the State or another source. After completion of said training please forward proof to your contract monitor/Parish contact.

Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBE's, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.

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.

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder after nine (9) working days.

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INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

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. Bidders are to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at www.jeffparishbids.net to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://www.jeffparish.gov/464/Purchasing>.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW. IF THE NUMBER IS NOT SPECIFIED IN THIS BOX, IT IS NOT APPLICABLE FOR THIS BID.

3,4,6,8,9,10,11,12,13,14

1. **MANDATORY PRE-BID** - 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 LA.R.S. 38:2212(I), 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. **NON-MANDATORY PRE-BID** - 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. **JP LICENSE** - Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Building Permits. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Building Permits. 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 municipality, Federal and/or State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. **LSCB LICENSE** - A LA State Contractor's License will be required in accordance with LA.R.S. 37:2150 et. seq. and such 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. **SITE VISIT** - It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. **JOB SITE CLEANLINESS** - 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.

Visit our website at [HTTP://JEFFPARISH.GOV/464/PURCHASING](http://JEFFPARISH.GOV/464/PURCHASING)

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INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

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 state 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. **INSURANCE** - All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Any deviation from the Standard Insurance Requirements must be requested in writing prior to bid opening. Proof of coverage will be required prior to award. Failure to comply with this instruction will result in bid rejection.
11. **BID BOND** - 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. 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. **AS-NEEDED WORK** - This is a requirements-based 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** - 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. **AFFIDAVIT** - Completed, Signed and Properly Notarized Affidavits Required; This applies to all solicitations in conformity with the provisions contained in LA.R.S. 38:2212.9, LA.R.S. 38:2212.10, LA.R.S. 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled GENERIC BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
15. **FEDERAL FUNDING** - The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents and ensuing contract. All applicable certifications must be duly completed, signed and submitted as per the appendix instructions. Failure to submit applicable certifications per the appendix instruction will result in bid rejection.
16. **TAX EXEMPT** - For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which is permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment"). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owed on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session – Louisiana Revised Statute 47:301(8)(c). Owner will furnish to contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment, and report to Owner the amount of taxes not incurred.
17. **TECH AFFIDAVIT** - The Technology Affidavit is required for this solicitation and shall be submitted with the bid submission. Failure to do so will result in your bid being rejected. Pursuant to La. R.S. 38:2237.1, prior to the procurement of telecommunications or video surveillance equipment or services, the vendor shall provide documentation by affidavit that the equipment or services to be procured are not prohibited telecommunications or video surveillance equipment or services as defined in R.S. 39:1753.1(A). This affidavit is supplied as a courtesy to Affiant. It is the responsibility of the affiant to insure the affidavit submitted to Jefferson Parish complies, in both form and content, with federal, state and parish laws. No procurement shall be made from a vendor or other entity who fails to provide the documentation; any procurement in contravention to this requirement shall be null and void by law.

Visit our website at [HTTP://JEFFPARISH.GOV/464/PURCHASING](http://JEFFPARISH.GOV/464/PURCHASING)

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BID FORM
Non Public Works

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm throughout the entirety of the contract. However, bidders may request that an escalation provision be added to their contract by selecting "yes" below. The escalation provision in the contract will state that only one escalation will be allowed during the term of the contract, and the escalation shall take effect only after the initial 12 month period of the contract. A vendor with an escalation provision in their contract must submit a request in writing to activate the provision, but should not do so any sooner than the first day of the 13th month of their contract. The escalation percentage shall be limited to the most recently published CPI figure issued at the time an adjustment is requested by bidder based on the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure.

Are you requesting an escalation provision?

YES _____ NO _____

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES _____

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) _____

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: _____

ADDRESS: _____

CITY, STATE: _____ ZIP: _____

TELEPHONE: () _____

E-MAIL: _____

In the event that addenda are issued with this bid, bidders **MUST** acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form by placing the addendum number as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: _____

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ _____

AUTHORIZED

SIGNATURE: _____

Printed Name

TITLE: _____

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the **BID NUMBER** and **BID OPENING DATE** indicated on the outside of the envelope submitted to the Purchasing Department.

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REVISED PER ADDENDUM 2

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INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00147850

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	800.00	HR	<p>ONE YEAR CONTRACT TO PROVIDE GEARBOX MECHANICAL MAINTENANCE, REPAIR, VIBRATION ANALYSIS AND STATIC BALANCINGf FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS- DRAINAGE PUMP STATIONS</p> <p>0010 GEARBOX FIELD TECHNICIAN PROVIDE THE MECHANICAL KNOWLEDGE AND</p> <p>SKILLS TO PERFORM ON-SITE PREVENTATIVE AND CORRECTIVE SERVICES REQUIRED TO REPAIR, MAINTENANCE AND DIAGNOSE GEARBOXES.</p> <p>ONE (1) YEAR CONTRACT TO PROVIDE GEARBOX MECHANICAL MAINTENANCE, REPAIR, VIBRATIONAL ANALYSIS AND STATIC BALANCING FOR THE JEFFERSON PARISH DEPT OF PUBLINC WORKS- DRAINAGE PUMP STATIONS AND ALL JEFFERSON PARISH AGENCIES</p>	\$	\$
2	600.00	HR	<p>0020 GEARBOX SHOP TECHNICIAN PROVIDE THE MECHANICAL KNOWLEDGE AND</p> <p>SKILLS TO PERFROM SHOP RELATED SERVICES INCLUDING BUT NOT LIMITED TO DISASSEMBLING, INSPECTING, DOCUMENTING AND ASSEMBLING GEARBOXES</p>	\$	\$
3	1.00	HR	<p>0030 MACHINE ALIGNMENT TECHNICIAN PERFORM ALIGNMENT CHECKS AND REALIGNMENT</p> <p>OF GEARBOXES AT PUMP STATIONS.SPECIALIST MUST HAVE TOOLS (LASER ALIGNMENT DEVICE) AND SKILL TO ENSURE MAXIMUM PRECISION TO MEET ALL INDUSTRY STANDARDS</p>	\$	\$
4	1.00	HR	<p>0040 ON-SITE SERVICE, ROUTINE VIBRATION TESTING AND CORRECTIVE SERVICES</p> <p>PERFORMED, ROUTING VIBRATION TESTING AND CORRECTIVE SERVICES FOR ALL GEARBOXES AT PUMP STATIONS. PROVIDE A COMPREHENSIVE VIBRATIONAL ANALYSIS REPORT FOLLOWING ANY TESTING OR CORRECTIVE SERVICES</p>	\$	\$
5	1.00	HR	<p>0050 ON-SITE SERVICE, ADVANCED VIBRATION DIAGNOSTIC/INSPECTION SERVICES. PERFORM</p> <p>ADNANCED VIBRATION DIAGNOSTIC / INSPEC- TION SERVICES FOR ALL GEARBOXES AT PUMP STATIONS. PROVIDE RELIABLE AND EXPERT COUNCIL TO IMPROVE EQUIPMENT PERFORMANCE AND VIBRATION READINGS</p>	\$	\$
6	1.00	HR	<p>0060 ON-SITE SERVICE, STATIC BALANCING FIELD TECHNICIAN- PERFORM ON-SITE STATIC</p>	\$	\$

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INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00147850

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
7	1.00	EA	<p>BALANCING FOR RETATING EQUIPMENT AT PUMP STATIONS</p> <p>0070 9999A NON-BIDDABLE PURCHASE OF PARTS/MATERIALS FOR PUMP</p> <p>STATION REPAIRS AND RELATED EQUIPMENT. PARTS AND/OR MATERIALS PURCHASED BY CONTRACTOR FROM THIRD PARTIES WILL BE PAID AT CONTRACTOR'S ACTUAL COST WITH PRIOR APPROVAL BY THE DRAINAGE DEPT AND NOT TO EXCEED \$10,000.00 *BIDDERS ARE TO LEAVE THE UNIT PRICE QUOTED BLANK FOR THIS ITEM. THIS ITEM SHALL NOT BE INCLUDED IN THE TOTAL OF ALL ITEMS QUOTED. THISLINE IS TO BE USED AS A REFERENCE TO PROCESS INVOICES</p>	\$ <u>XXX</u>	\$ <u>XXX</u>
8	1.00	EA	<p>0080 9999B NON-BIDDABLE PREMIUM WORK TIME- 1.5 TIMES THE REGULAR HOURLY RATES. PREMIUM TIME WILL APPLY ONLY WHEN WORK IS PERFORMED ON WEEKENDS, JEFFERSON PARISH LEGAL HOLIDAYS OR BEFORE 7:00 AM AND AFTER 5:00 PM. NO PREMIUM TIME WORK MAY BE DONE UNLESS SPECIFICALLY AUTHORIZED FROM THE DIRECTOR OF DRAINAGE IN WRITING PRIOR TO COMPLETION AND THE UNIT PRICE BID SHALL BE FOR WORK DONE DURING BASIC WORK TIME CONDITIONS. *BIDDERS ARE TO LEAVE THE UNIT PRICE QUOTED BLANK FOR THIS ITEM. THIS ITEM SHALL NOT BE INCLUDED IN THE TOTAL OF ALL ITEMS QUOTED. THIS LINE IS TO BE USED AS A REFERENCE TO PROCESS INVOICES</p>	\$ <u>XXX</u>	\$ <u>XXX</u>

One (1) Year Contract to Provide Gearbox Mechanical Maintenance, Repair, Vibration Analysis, and Static Balancing for Jefferson Parish Department of Public Works - Drainage Pump Stations and all Jefferson Parish Agencies

Bid No.: 50-147850

This is a one (1) year contract to provide gearbox mechanical maintenance, repair, vibrational analysis, and static balancing for Jefferson Parish Department of Public Works - Drainage Pump Stations and all Jefferson Parish Agencies. This work includes, but is not limited to, oil analysis, disassembly, cleaning, repair, and reassembly of gearbox components and auxiliary equipment, alignment services, vibration testing and corrective services, and static balancing services; Primary work will be at Drainage pump stations.

To schedule a site visit contact Jamal Singleton by email at jamal.singleton@jeffparish.gov or by phone at (504) 349-5037.

All bids shall be for pumping stations for both the East Bank and West Bank of Jefferson Parish.

License Requirements:

A Louisiana State Contractor's License is required in the following categories:

- **Municipal and Public Works Construction**

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 electronic envelope. Failure to comply will cause the bid to be rejected. When submitting the bid electronically, 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.

Bond Requirements:

A bid bond will be required with bid submission in the amount of 5% of the total bid.

Performance Bond and Payment Bond in the amount of 50% of the contract price will be required at the signing of the contract. These are two separate bonds and they are each 50% of the contract price.

1-01 Extent of Contract:

- (A) The unit price bid for each of the various categories of materials, or work items shall include all and direct costs attributable to that category of work including (but not limited to) labor, tools, consumable, instruments, equipment, fabrication work, transportation, travel, supervision, insurance, payroll, other taxes, overhead, and profits, etc. No payment for the actual work performed on various items will be made other than upon the unit prices quoted in the bid.

Fabrication materials do not include welding rods or any other consumable supplies necessary to perform welding services.

- (B) This contract shall be in force for a period of one (1) calendar year starting upon the date of the execution of the contract. The unit price bid must be held firm through the entire term of the contract.
- (C) The unit price bid for each of the various categories of work shall include all direct and indirect costs attributable to that category of work.
- (D) The unit price for each of the bid items listed in this contract will be on an hourly basis.
- (E) All material, rough stock, etc. To be used in performing the work of the various categories will be furnished by Jefferson Parish unless the contractor is instructed by Jefferson Parish to furnish such items for a particular work effort. Contractor furnished items shall not exceed \$10,000 dollars and will be invoiced to Jefferson Parish at wholesale cost or dealer's cost with no markup with prior approval by the Drainage Department. Supporting data i.e., a copy of actual invoicing showing the contractor's procurement cost for such items shall be submitted with request for payment. All required materials must be noted on the estimate form along with who is to supply and the cost of the material.
- (F) This is a unit price contract and the quantities shown on the "bid form" are for comparison of bids only. This contract and actual quantities installed will be on an as-needed basis and may vary significantly from estimated quantities. Contractor waives any claim for loss profit, overhead, or otherwise on account of varying quantities. The funds budgeted for expenditures under this contract may be used in part or in whole, and there is no guarantee of usage of the total budgeted amount. As stated elsewhere usage will be on an as-needed basis and could fall substantially short of the budgeted ceiling.
- (G) Bidders must bid upon all proposed classes of work. All classes will be awarded to a single bidder.

1-02 General Conditions:

- (A) Contractor must have qualified and experienced personnel and equipment available to respond within 24 hours for work orders.
- (B) Each work order will designate a job number. All correspondence, billing, etc. pertaining to the work must reference this job number designation. Payment will be made upon receipt of detailed and itemized invoices and verification by the engineer of quantity and quality of work performed. See payment section for details.
- (C) Work order estimates –

The use of bid item numbers may be authorized to determine and provide work order estimates. Written approval from the parish is required to invoice line items for estimates.

Upon written request with a scope of work from a Parish engineer, the contractor shall provide an estimate via email, with adequate plans and specifications or written directions. The estimate should include all labor, equipment, parts and/or materials (with referenced job number and bid line item number) required to perform the work specified under the requested work order. Upon authorization, actual work shall not exceed the Contractor's estimate without the Parish's written approval. The estimates should include if applicable

- Material Certifications for the materials proposed for use demonstrating that the materials meet the requirements of application.
- Gearbox Procedure Specifications for approval by the Parish.
- Cost estimate which specifies estimated labor hours and if applicable, fabrication material costs.

All work order estimates shall be submitted to Parish engineer within three days after issuance of estimate request and begin the work within five (5) days after the estimate approval, provided materials are available, or on a date mutually agreed upon.

The Contractor is free to propose modifications to the scope that may result in cost savings and/or a better product. Any modifications shall be clearly spelled out in the estimate and approved by the Parish.

1-03 Defective Work:

- (A) The contractor shall remedy any defective work performed by him, all in such manner as solely determined by Jefferson Parish, and perhaps including the replacement of the piece so damaged. Defective work will be considered as work performed outside of the tolerance limits established, inaccurate setup, distortion of work piece, and/or such damage as results from improper handling. There will be no compensation allowed to remedy any defective work.
- (B) Jefferson Parish reserves the right to stop work at any time, and to withhold payment thereon, whenever in his judgement the work is not being properly performed. Jefferson Parish also reserves the right to cancel the contract if in his judgement inferior work is being repeatedly performed.

1-04 Progress of the Work / Payment Alternatives:

All work must proceed at an effective rate of production, as judged by Jefferson Parish. In the case of certain significant work pieces, Jefferson Parish may request a detailed estimate of work time, and in such event, he shall begin work only upon the written approval of said estimate. The contractor shall not exceed this estimated time without prior approval. Also, in the case of certain work pieces, wherein the work effort can be precisely defined and established, then Jefferson Parish reserves the right, subject to mutual agreement to make payment on the basis of a lump sum dollar amount, cognitive of the total direct and indirect costs therewith, and also cognitive of the value of the piece. In case of disagreement, Jefferson Parish reserves the right to utilize the services of another contractor in the performance of the work.

1-05 Sub-Contractors:

Sub-contractors are defined as any construction agency selected by the contractor to handle any phase of the contract. Sub-contractors are required to have the same license as the prime contractor. All subcontractors are subject to Jefferson Parish's approval. Furnish list of subcontractors with each estimate submittal, subject to approval by Jefferson Parish.

1-06 Premium Time Work:

The regular Jefferson Parish work day schedule shall be from 7:00 A.M. to 5:00 P.M., Monday thru Friday. All work performed during this time period shall be performed on straight time basis. Premium time will apply only when work is performed on weekends, Jefferson Parish legal holidays or before 7:00 A.M. and after 5:00 P.M.

No premium time work may be done unless specifically authorized from the Director of Drainage in writing prior to completion, and the unit price bid shall be for work done during basic work time conditions. In the event of an emergency, Jefferson Parish may request premium time work, in which case compensation for the specific operation being performed shall be 1.5 times the regular hour rates.

1-07 Liens:

The contractor shall furnish Jefferson Parish with satisfactory evidence that all persons who have done work or furnished materials under this contract and are entitled to a lien therefore under any law of the state of Louisiana have been fully paid or are no longer entitled to such a lien. And in case such evidence is not furnished, as aforesaid, such amounts as Jefferson Parish may consider necessary to meet the lawful claims of the person aforesaid, shall be retained from the money due the contractor under this contract, until the aforesaid liabilities have been fully discharged and the evidence thereof furnished to Jefferson Parish. In lieu thereof, Jefferson Parish may accept a lien bond.

1-08 Payment:

Payments shall be made through purchase requisition numbers upon receiving the contractor's invoices for all bid items performed or third-party invoices for materials and/or parts.

The Contractor shall submit all invoices to the Jefferson Parish Department of Drainage C/O Contract Administrator, 1221 Elmwood Park Blvd., Suite 907, Harahan, and La 70123 AND via email to Parish engineer. Invoices will be checked and verified for accuracy and compliance with the terms of this contract. Any errors may be discussed via telephone with the contractor and corrections will be made by the submission of a new invoice by the contractor, once agreeable to both Jefferson Parish and contractor. All invoices shall have proper documentation for expeditious processing. All invoices shall contain the following:

- Contractor's invoice.
- Job # of work order
- Summary of Work performed
- Repair estimate sheet (if available).

- Valid material invoices from third parties with verifiable tracking numbers for audit purposes (supply vendors, subcontractor, and UL charges).
- Copy of employee's time card (For overtime labor verification).
- Service call time sheets must include employee's name, certification/license number if applicable, and job title
- Before and after photo or video when requested of work performed (via email only for engineer review)

Invoices which are received without all proper documentation will be returned to the contractor or held until such documentation is received.

Invoices submitted covering work not addressed under the terms of this contract will not be paid and will be returned to the contractor.

Invoices for payment on completed and accepted work shall be submitted within or before thirty (30) days from date of completion. Payment terms shall be Net-30 Days.

If deemed necessary by Jefferson Parish, a certified payroll may be required.

1-09 Guarantee and Warranty of Work:

Unless provided otherwise, the Contractor shall guarantee all work covered under this contract against defects resulting from the use of substandard materials, equipment or workmanship for one year from the date of work completed by the Parish.

1-10 Safety:

It is the responsibility of the contractor to provide the adequate safety precautions to his crews that will be taken for all work performed under this contract. All necessary personal protection equipment shall be in accordance with applicable Louisiana and OSHA codes, rules and regulations, and shall be installed and maintained by the contractor at no direct pay to Parish.

It is the responsibility of the contractor to have the equipment used in good working order and in compliance with applicable OSHA, CEC, and NEMA codes.

1-11 Workmanship:

It is the intention of the Jefferson Parish, Department of Drainage, to call for the highest level of quality in the requested service compatible with standard price. All work shall be performed by the trained, qualified and experienced contractor and his/her personnel. The contractor shall cooperate with Parish representative to ensure the repairs conforming to the pump specifications.

All pump repair work, materials, and equipment, in whole or in part, shall conform to the applicable portions of the standard specification, codes and regulations in effect on the date of invitations for bids, and which are established by the following societies and/or organizations

- (A) American Society of Tool Engineering (ASA)
- (B) American Society of Mechanical Engineer (ASME)
- (C) American Society for Testing and Materials (ASTM)
- (D) Steel Founders Society of America (SFSA)
- (E) International Organization for Standardization (loss)
- (F) American Gear Manufacturers Association (AGMA)
- (G) American National Standards Institute, Inc. (ANSI)
- (H) American Welding Society, Inc. (AWS)
- (I) Diamond Core Drill Manufacturers Association (DCDMA)
- (J) National Machine Tool Builders Association (NMTBA)
- (K) National Standards Associations, Inc. (NSA)
- (L) Society of Manufacturing Engineers (SME)
- (M) Cemented Carbide Producers Association (CCPA)
- (N) Metal Cutting Research Association, Inc., Machining Data Handbook
- (O) American Petroleum Institute (API)
- (P) Mechanical Power Transmission Association (MPTA)
- (Q) National Association of Corrosion Engineers, (NACE)
- (R) National Lubricating Grease Institute (NLGI)
- (S) Steel Structures Painting Council (SSPC)
- (T) Occupational Safety & Health Administration (OSHA)
- (U) Hydraulic Institute (HI)
- (V) All applicable NFPA codes apply

All other and/or national codes and regulations relevant to pump machine work, practice, operation and inspection, shall apply herein and shall form a part of these specifications.

1-12 Hardware (Equipment and Instrumentation)

Vibration Analysis. For vibration analysis it is expected that the Contractor vibration analyzers will have the following minimum capability:

1. Analyzer Unit

- Must be graphic color touchscreen with minimum resolution 800x480 pixels
- IP-65 rating, 1.2M Drop rated, IEC 61010-1 Safety rated
- Lithium-ion battery with minimum 10 hours operation
- Microphone input for audio notes
- Headphone output to listen to sensor signal and audio notes
- Built in spot pyrometer with laser sighting 0°–200° C Range, +/- 3° C Accuracy, 0.5° C Resolution, 95% Fixed Emissivity
- Built in strobe light 30-15,000 RPM Range, Automatic Speed Setting, ½X, 2X, Fine and Fast Adjustments

- Built in digital color camera, with auto focus
- Built in bar code reader, QRcode format
- Minimum 3.5 GB measurement memory

2. Testing Capabilities

- Built in automatic vibration diagnostics, in accordance with ISO 10816, VDI 2056, VDI2063 (2-300Hz)
- Automatic speed setting with built-in stroboscope, with automatic error correction
- Bearing defect detection
- Measurement and alarm level display as bar graphs
- Reporting available in PDF, and RTF formats
- Ability to conduct minimum 3 channel simultaneous Impact test data with Model Impact hammer.
- Ability to conduct minimum 4 channel plus tach runup/Coast Down data Acquisition.
- Ability to conduct 4 plane balancing

3. Additional Technical Specifications:

3.1. Data Acquisition

- Synchronous data acquisition on 4 channels + trigger/tachometer input
- Wireless acquisition 3 channels simultaneous with Triax Sensor
- Antialiasing filter
- Minimum of 3.5Gb measurements memory
- Analog Inputs, Up to 4 programmable channels
- Minimum 80 kHz Frequency range
- Overload indicator in % with memorization
- EPE interface with real time integrity control, range 8V
- Dynamic signal measurements (Acceleration, Velocity, Absolute Displacement, Relative Displacement, Electrical Current)
- +/- 10 VAC
- 0, -24 V for Proximity Probes (a -24Vdc Power Supply on each Channel)
- Input impedance AC/DC: 100 k Ω

- Accuracy: +/- 1%
- Sensors without Electronics with Optional Charge Amplifier
- DC input: from -24 VDC to +24 VDC: Measurements of Position, Process Parameters
- AC coupling: 0.3 Hz
- Compatible with Triaxial Sensor

3.2. Time Waveform and Spectral Analysis Capabilities:

- Lines: Minimum of 102.4k Lines
- Envelope: Spectrum of Demodulated Time Waveform Programmable Band-Pass Filter (Any Central Frequency, Band Width = 1/2 to 1/128 of Analysis Range).
- Zoom factor range: 2 to 128
- Frequency ranges (Hz): 50-80k
- Averaging: from 1 to 4,096 with linear, exponential or peak hold mode
- Overlap rate: 0 to 75%
- Weighting windows: Rectangular, Hanning, Flat-top
- Display: Lin/Log, Automatic Scaling, Engineering Unit/dB, RMS/Peak/Peak-Peak, Hz, RPM, Orders
- Display of Instantaneous Spectrum and Averaging during Measurement
- The ability to record Time Signals up to 1 million samples on all 4 channels simultaneously.

Static Balancing. For static balancing it is expected that the bidding contractor have the following minimum capability:

- Two mill bed and slides for single point tooling and the other for grinding
- Heavy duty precision belt grinder
- Capability to fabricate supports or brackets for sight specific applications

1-13 Contractor Reports

The Contractor shall prepare the reports, the format and content of which shall be mutually agree up on between the Contractor and the University Representative. For guidance purposes, the reports shall include but not be limited to the following:

- A complete description of the vibration equipment and instrumentation used.
- A list of the equipment, machinery and systems surveyed.
- The quantitative data/results obtained in the prescribed format including identification of each anomaly.
- The qualitative analysis and fault diagnosis of each anomaly, and corrective actions considered necessary.

Each report shall contain at least the following information for each machine:

- The Machine Name, Equipment Tag Number, and Location.
- Actual Operating Conditions (RPM, etc.).
- Frequency (Hz or CPM) units.
- Significant Vibration Levels Related to Fault Diagnosis.
- Trend of current and previous surveys if available in a graphic format.
- Specific Repair Recommendations

1-14 Categories of Work

- A. Gearbox Field Technician
- B. Gearbox Shop Technician
- C. Machine alignment technician
- D. On-site service, routine vibration and inspection services
- E. On-site service, advanced vibration and inspection services
- F. On-site service, static Balancing Field Technician

1-15 Bid Items:

Through the listed bid items contractors should be able but not limited to perform the following tasks:

Item 0010 – Gearbox Field Technician

Job Description: Provide the mechanical knowledge and skills to perform on-site preventative and corrective services required to repair, maintenance, and diagnose gearboxes.

As described in 1-01 A: Utility truck, fuel, tools and all ancillary equipment needed to perform gearbox work shall be included in the hourly unit price. Materials and other consumable supplies necessary to perform services shall be billed as noted in 1-01 E.

Responsibilities may include but are not limited to:

- Oil Analysis

- Capable of providing labor, tools and equipment to remove gearboxes from service
- Capable of providing all labor tools and equipment to install, align and couple gearbox to engine and pump.
- Repairing/installing auxiliary gear lube systems including water separators, post lube pumps, internal oil pumps, oil filtration systems, piping, seals, bearings, etc.
- Supervise services of gear systems including maintenance, repair, disassembly, and installation in accordance with API recommended practice 686
- Properly inspect, diagnose, and replace damaged gear bearings
- Provide detailed summary of work performed which shall include but is not limited to a repair estimate sheet, list of materials used, service call time sheet, and before and after photo or video when requested

Item 0020 – Gearbox Shop Technician

Job Description: Provide the mechanical knowledge and skills to perform shop related services including but not limited to disassembling, inspecting, documenting, and assembling gearboxes.

Responsibilities may include but are not limited to:

- Capable of disassembling, cleaning, inspecting, and reassembling all components
- Capable of repairing/installing new seals, bearings, backstops, internal piping, and all auxiliary lube system components, etc.
- Capable of machining unique gear components within small tolerances
- Test run gearbox unloaded
- Arrange and identify components (gearing) that passed visual inspection to receive further processing such as nondestructive testing and grinding
- Properly inspect and diagnose damaged gear rotors/bearings
- Provide detailed summary of work performed which shall include but is not limited to a repair estimate sheet, list of materials used, service time sheet, and before and after photo or video when requested

Item 0030 – Machine Alignment Technician

Job Description: Perform alignment checks and realignment of gearboxes at pump stations. Specialist must have tools (laser alignment device) and skill to ensure maximum precision to meet all industry standards.

As described in 1-01 A: Utility truck, fuel, tools and all ancillary equipment needed to perform gearbox work shall be included in the hourly unit price. Materials and other consumable supplies necessary to perform services shall be billed as noted in 1-01 E.

Responsibilities may include but are not limited to:

- Perform alignment checks and realignment on gearboxes using laser alignment equipment
- Provide clear and coherent alignment reports post check and realignment

- Provide detailed summary of work performed which shall include but is not limited to a repair estimate sheet, list of materials used, service call time sheet, and before and after photo or video when requested

Item 0040 - On site service, routine vibration testing and corrective services

Job Description: Perform routine vibration testing and corrective services for all gearboxes at pump stations. Provide a comprehensive vibrational analysis report following any testing or corrective services.

As described in 1-01 A: Utility truck, fuel, tools and all ancillary equipment needed to perform gearbox work shall be included in the hourly unit price. Materials and other consumable supplies necessary to perform services shall be billed as noted in 1-01 E.

Responsibilities may include but are not limited to:

- Provide routine vibration analysis following hardware requirements referenced in section 1-12
- Infrared thermography scans
- Airborne ultrasonics
- Laser shaft alignment
- Dynamic balancing (2 plane maximum)

Item 0050 - On site service, advanced vibration diagnostic/inspection services

Job Description: Perform advanced vibration diagnostic/inspection services for all gearboxes at pump stations. Provide reliable and expert counsel to improve equipment performance and vibration readings.

As described in 1-01 A: Utility truck, fuel, tools and all ancillary equipment needed to perform gearbox work shall be included in the hourly unit price. Materials and other consumable supplies necessary to perform services shall be billed as noted in 1-01 E.

Responsibilities may include but are not limited to:

- Provide advanced vibration diagnostic/inspection services following hardware requirements referenced in section 1-12
- Ability to recognize and diagnose harmful vibrational trends before and as they occur for the entire system including pump, gear, and drive.
- Provide expert recommendations to improve vibration readings and overall performance in gearboxes
- Multi-channel analysis
- Turbo-machinery analysis
- Machinery protection system setup
- Equipment calibration
- Torsional analysis
- Structural analysis
- Field commissioning of equipment and systems
- Furnace scans using Borescopic IR
- Motion amplification studies

- Remote visual inspections
- Geometric alignment services
- Multi-component shaft alignment
- Bore alignments multi-plane balancing

Item 0060 - On site service, static balancing field technician

Job Description: Perform on site static balancing for rotating equipment at pump stations.

As described in 1-01 A: Utility truck, fuel, tools and all ancillary equipment needed to perform gearbox work shall be included in the hourly unit price. Materials and other consumable supplies necessary to perform services shall be billed as noted in 1-01 E.

Responsibilities may include but are not limited to:

- Perform all necessary assembly functions to produce or repair rotating machinery while maintaining specified dimensions and clearances
- Assembly operations include fitting, filing, deburring, grinding, lapping, honing, painting, and on occasion welding, of parts and components while checking clearances
- Perform necessary piping and tack welding of various connections. Perform various tubing; for example, lube and frame tubing, and piping; for example, water, functions when necessary
- Perform mechanical and capacity tests filling out required spec sheets and records with data from test instruments and recording devices

Item 9999A – (Non-Biddable)

Purchase of parts and/or materials for pump station repairs and related equipment. Parts and/or materials purchased by contractor from third parties will be paid at contractor's actual cost with prior approval by the Drainage Department and not to exceed \$10,000.

Bidders are to leave the unit price quoted blank for this item. This item shall not be included in the total of all items quoted. This line is to be used as a reference to process invoices.

Item 9999B – (Non-Biddable)

Premium Time Work - 1.5 times the regular hour rates. Premium time will apply only when work is performed on weekends, Jefferson Parish legal holidays or before 7:00 AM and after 5:00 PM. No premium time work may be done unless specifically authorized from the Director of Drainage in writing prior to completion, and the unit price bid shall be for work done during basic work time conditions.

Bidders are to leave the unit price quoted blank for this item. This item shall not be included in the total of all items quoted. This line is to be used as a reference to process invoices.

APPENDIX A			
Location	Address	Mfr.	Model/Type
BONNABEL	1500 Beverly Gardens Drive, Metairie	PHILADELPHIA	215 HOL
BONNABEL	1500 Beverly Gardens Drive, Metairie	PHILADELPHIA	215 HOL
BONNABEL	1500 Beverly Gardens Drive, Metairie	PHILADELPHIA	215 HOL
SUBURBAN	4800 Lake Villa Drive, Metairie, LA	PHILADELPHIA	215 HB
SUBURBAN	4800 Lake Villa Drive, Metairie, LA	PHILADELPHIA	215 HB
SUBURBAN	4800 Lake Villa Drive, Metairie, LA	FAIRBANKS	M4124-0736134
SUBURBAN	4800 Lake Villa Drive, Metairie, LA	PHILADELPHIA	15FP
SUBURBAN	4800 Lake Villa Drive, Metairie, LA	PHILADELPHIA	36FP
SUBURBAN	4800 Lake Villa Drive, Metairie, LA	PHILADELPHIA	36FP
SUBURBAN	4800 Lake Villa Drive, Metairie, LA	PHILADELPHIA	215 HOL
SUBURBAN	4800 Lake Villa Drive, Metairie, LA	PHILADELPHIA	215 HOL
ELMWOOD	5400 Caryota Drive, Metairie, LA	PHILADELPHIA	215 HOL
ELMWOOD	5400 Caryota Drive, Metairie, LA	PHILADELPHIA	215 HOL
ELMWOOD	5400 Caryota Drive, Metairie, LA	PHILADELPHIA	32 FP
ELMWOOD	5400 Caryota Drive, Metairie, LA	PHILADELPHIA	32 FP
ELMWOOD	5400 Caryota Drive, Metairie, LA	PHILADELPHIA	9722
ELMWOOD	5400 Caryota Drive, Metairie, LA	PHILADELPHIA	9722
ELMWOOD	5400 Caryota Drive, Metairie, LA	PHILADELPHIA	9722
ELMWOOD	5400 Caryota Drive, Metairie, LA	PHILADELPHIA	9722
ELMWOOD	5400 Caryota Drive, Metairie, LA	PHILADELPHIA	9722
ELMWOOD	5400 Caryota Drive, Metairie, LA	PHILADELPHIA	9722
ELMWOOD	5400 Caryota Drive, Metairie, LA	PHILADELPHIA	9722
ELMWOOD	5400 Caryota Drive, Metairie, LA	PHILADELPHIA	9722
ELMWOOD	5400 Caryota Drive, Metairie, LA	PHILADELPHIA	32 FP
ELMWOOD	5400 Caryota Drive, Metairie, LA	PHILADELPHIA	32 FP
ELMWOOD	5400 Caryota Drive, Metairie, LA	PHILADELPHIA	32 FP
ELMWOOD	5400 Caryota Drive, Metairie, LA	PHILADELPHIA	32 FP
ELMWOOD	5400 Caryota Drive, Metairie, LA	PHILADELPHIA	215 HOL
ELMWOOD	5400 Caryota Drive, Metairie, LA	PHILADELPHIA	215 HOL
DUNCAN	1800 Joe Yenni Boulevard, Kenner	PHILADELPHIA	215 HOL
DUNCAN	1800 Joe Yenni Boulevard, Kenner	PHILADELPHIA	215 HOL
DUNCAN	1800 Joe Yenni Boulevard, Kenner	PHILADELPHIA	215 HOL
DUNCAN	1800 Joe Yenni Boulevard, Kenner	PHILADELPHIA	215 HOL
PARISH LINE	3100 Grand Lake Boulevard, Kenner	DE'LAN	M40A-SS
HARAHAN	1088 DICKORY DRIVE, HARAHAN	PHILADELPHIA GEAR	16VBX-2PD
HARAHAN	1088 DICKORY DRIVE, HARAHAN	PHILADELPHIA GEAR	16VBX-2PD
HARAHAN	1088 DICKORY DRIVE, HARAHAN	PHILADELPHIA GEAR	16VBX-2PD
AMES	5100 Rochester Drive, Marrero, LA	PHILADELPHIA	275K/VPL
AMES	5100 Rochester Drive, Marrero, LA	PHILADELPHIA	275K/VPL

AMES	5100 Rochester Drive, Marrero, LA	PHILADELPHIA	195 HOL
BAYOU SEGNETTE 1	801 Louisiana Street, Westwego, LA	PHILADELPHIA	18 FP
BAYOU SEGNETTE 1	801 Louisiana Street, Westwego, LA	PHILADELPHIA	200PMR250
BAYOU SEGNETTE 1	801 Louisiana Street, Westwego, LA	PHILADELPHIA	200PMR250
BAYOU SEGNETTE 1	801 Louisiana Street, Westwego, LA	PHILADELPHIA	200PMR250
BAYOU SEGNETTE 1	801 Louisiana Street, Westwego, LA	PHILADELPHIA	200PMR250
BAYOU SEGNETTE 1	801 Louisiana Street, Westwego, LA	PHILADELPHIA	18 FP
BAYOU SEGNETTE 2	801 Louisiana Street, Westwego, LA	PHILADELPHIA	155 HOL
BAYOU SEGNETTE 2	801 Louisiana Street, Westwego, LA	PHILADELPHIA	155 HOL
COUSINS 1	2466 Destrehan Avenue, Harvey, LA	PHILADELPHIA	32 FP
COUSINS 1	2466 Destrehan Avenue, Harvey, LA	PHILADELPHIA	32 FP
COUSINS 1	2466 Destrehan Avenue, Harvey, LA	PHILADELPHIA	32 FP
COUSINS 2	2466 Destrehan Avenue, Harvey, LA	PHILADELPHIA	195 HOL
COUSINS 2	2466 Destrehan Avenue, Harvey, LA	PHILADELPHIA	195 HOL
COUSINS 3	2466 Destrehan Avenue, Harvey, LA	PHILADELPHIA	215 HOL
COUSINS 3	2466 Destrehan Avenue, Harvey, LA	PHILADELPHIA	215 HOL
ESTELLE 2	2466 Destrehan Avenue, Harvey, LA	PHILADELPHIA	145 HCHP
ESTELLE 2	2466 Destrehan Avenue, Harvey, LA	PHILADELPHIA	145 HCHP
HERO	4644 Peters Road, Harvey, LA 70058	PHILADELPHIA	115 HOL
HERO	4644 Peters Road, Harvey, LA 70058	PHILADELPHIA	3424BT
HERO	4644 Peters Road, Harvey, LA 70058	PHILADELPHIA	14 HB
HERO	4644 Peters Road, Harvey, LA 70058	PHILADELPHIA	14 HB
HERO	4644 Peters Road, Harvey, LA 70058	PHILADELPHIA	185 HP
HERO	4644 Peters Road, Harvey, LA 70058	PHILADELPHIA	185 HP
HERO	4644 Peters Road, Harvey, LA 70058	PHILADELPHIA	14 HB
HERO	4644 Peters Road, Harvey, LA 70058	PHILADELPHIA	115 HOL
HERO	4644 Peters Road, Harvey, LA 70058	PHILADELPHIA	115 HOL
HERO	4644 Peters Road, Harvey, LA 70058	PHILADELPHIA	115 HOL
LAKE CATAOUATCHE 1	3901 Highway 90, Avondale, LA 70094	PHILADELPHIA	32 FP
LAKE CATAOUATCHE 1	3901 Highway 90, Avondale, LA 70094	PHILADELPHIA	32 FP
LAKE CATAOUATCHE 2	3901 Highway 90, Avondale, LA 70094	PHILADELPHIA	32 FP
LAKE CATAOUATCHE 2	3901 Highway 90, Avondale, LA 70094	PHILADELPHIA	32 FP
PLANTERS	268 Bypass Road, Belle Chasse, LA	PHILADELPHIA	44 FP
PLANTERS	268 Bypass Road, Belle Chasse, LA	PHILADELPHIA	44 FP
PLANTERS	268 Bypass Road, Belle Chasse, LA	PHILADELPHIA	44 FP
PLANTERS	268 Bypass Road, Belle Chasse, LA	PHILADELPHIA	44 FP
WHITNEY BARATARIA	1301 Engineers Road, Belle Chasse	PHILADELPHIA	215 HOL
WHITNEY BARATARIA	1301 Engineers Road, Belle Chasse	PHILADELPHIA	215 HOL
WHITNEY BARATARIA	1301 Engineers Road, Belle Chasse	PHILADELPHIA	215 HOL
WESTMINSTER	2050 Watling Drive, Marrero, LA	PHILADELPHIA	32 FP
WESTMINSTER	2050 Watling Drive, Marrero, LA	PHILADELPHIA	32 FP

BID NO.:

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WESTMINSTER	2050 Watling Drive, Marrero, LA	PHILADELPHIA	32 FP
WESTMINSTER	2050 Watling Drive, Marrero, LA	PHILADELPHIA	32 FP
WESTWEGO 2	820 South. Larousini Street (Lapalco)	PHILADELPHIA	32 FP
WESTWEGO 2	820 South. Larousini Street (Lapalco)	PHILADELPHIA	32 FP
WESTWEGO 2	820 South. Larousini Street (Lapalco)	PHILADELPHIA	32 FP