

DATE: 8/05/2019  
BID NO.: 50-00127351

INVITATION TO BID  
THIS IS NOT AN ORDER

Page: 1

**JEFFERSON PARISH**

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

BUYER: DNELSON@jeffparish.net

**BIDS WILL BE RECEIVED IN THE WEST BANK PURCHASING DEPT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 8/22/2019 AND PUBLICLY OPENED THEREAFTER.**

For convenience, bidders may also submit bids in the East Bank Purchasing Department, Suite 404, Jefferson Parish Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Jefferson LA 70123. However, if submitting bids on the day of bid opening, bidders must submit at the West Bank location only. All bids will be publicly opened at the West Bank location.

At no charge, bidders may also submit via Jefferson Parish's electronic procurement page by visiting [www.jeffparishbids.net](http://www.jeffparishbids.net) to register for this free site. Additional instructions are included in the text box highlighting electronic procurement.

**LATE BIDS WILL NOT BE ACCEPTED**

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

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

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

**THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS**

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

Jefferson Parish adheres to the Louisiana Code of Governmental Ethics, contained in Louisiana Revised Statutes Annotated, 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.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> 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. Further, a current W-9 form and respective Tax Identification number must be supplied upon contract execution, should you be awarded a contract and/or issued purchase order. Failure to do so may result in delay of payment.

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

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

Bidders should submit all questions in writing via email to the buyer's email address as indicated above, no later than Five (5) working days prior to the bid opening. Bid numbers should 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.

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

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

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

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.

A corporate resolution or written evidence of the individual signing the bid having such authority must be submitted with the bid. Failure to comply will cause bid to be rejected. For corporate entities, such written evidence may be a printout of the Louisiana Secretary of State's website listing the signatory as an officer. 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.

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

### INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

**A. AWARD OF CONTRACT:** JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE. SPLIT AWARDS MADE TO SEVERAL VENDORS WILL ONLY BE GRANTED TO THOSE DEEMED RESPONSIVE AND RESPONSIBLE.

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

**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.)

**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"

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

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

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

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

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

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

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.



## INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

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

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder.

**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 encouraged 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](http://www.jeffparishbids.net) to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

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

**ADDITIONAL REQUIREMENTS FOR THIS BID**

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

**6,8,9,10,11,12,13,15**

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



**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. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Prior to contract executions/purchase order issuance, the successful bidder will be required to provide final insurance certificates which shall name Jefferson Parish as an additional insured in accordance with the instructions in the aforementioned "Standard Insurance Requirements" sheet.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies) If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. **PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required;** This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 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 PUBLIC WORKS 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. **NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required** in conformity with the provisions contained in LSA – RS 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-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, 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.
16. 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. All applicable certifications must be duly completed, signed and submitted with bid submission. Failure to submit applicable certifications with bid submission will result in bid rejection.
17. 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 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 owned 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 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

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

See Page 1 for Conflicts of Interest Statement



**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 unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES \_\_\_\_\_ NO XXXXXXMAXIMUM ESCALATION PERCENTAGE REQUESTED 0 %INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF AUGUST 22, 2021

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

AS NEEDED AND SPECIFIEDLOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) 8937**THIS SECTION MUST BE COMPLETED BY BIDDER:**FIRM NAME: A & H ARMATURE WORKS, INCADDRESS: 1330 WESTBANK EXPRESSWAYCITY, STATE: WESTWEGO, LA ZIP: 70094TELEPHONE: (504) 347 3781 FAX: (504) 347 0564EMAIL ADDRESS: ahmail@bellsouth.net

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 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: \$ 4,608,872.00AUTHORIZED  
SIGNATURE: HARRY J ATWOODTITLE: SECRETARY/TREASURER

Printed Name

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.



## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			ELECTRIC MOTOR REPAIRS FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS SEWERAGE & ALL JEFFERSON PARISH AGENCIES & MUNICIPALITIES - TWO (2) YEAR CONTRACT		
1	1.00	EA	0001 - Electric Motor, Stator Rewind, 200-575 Volts  1/3 HP/3600 RPM	100.00	100.00
2	1.00	EA	0002 - Electric Motor, Stator Rewind 200-575 Volts  1/3 HP/1800 RPM	100.00	100.00
3	1.00	EA	0003 - Electric Motor, Stator Rewind 200-575-Volts  1/3 HP/1200 RPM	100.00	100.00
4	1.00	EA	0004 - Electric Motor, Stator Rewind 200-575 Volts  1/3 HP/900 RPM	100.00	100.00
5	1.00	EA	0005 - Electric Motor, Stator Rewind 200-575 Volts  1/3 HP/720 RPM	100.00	100.00
6	1.00	EA	0006 - Electric Motor, Stator Rewind 200-575 Volts  1/3 HP/600 RPM	100.00	100.00
7	1.00	EA	0007 - Electric Motor, Stator Rewind 200-575 Volts  1/3 HP/450 RPM	100.00	100.00
8	1.00	EA	0008 - Electric Motor, Stator Rewind 200-575 Volts  1/2 Hp/3600 RPM	460.00	460.00
9	1.00	EA	0009 - Electric Motor, Stator Rewind 200-575 Volts  1/2 HP/1800 RPM	530.00	530.00
10	1.00	EA	0010 - Electric Motor, Stator Rewind 200-575 Volts	530.00	530.00

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
11	1.00	EA	1/2 HP/1200 RPM		
			0011 - Electric Motor, Stator Rewind 200-575 Volts	545.00	545.00
12	1.00	EA	1/2 HP/900 RPM		
			0012 - Electric Motor, Stator Rewind 200-575 Volts	570.00	570.00
13	1.00	EA	1/2 HP/720 RPM		
			0013 - Electric Motor, Stator Rewind 200-575 Volts	570.00	570.00
14	1.00	EA	1/2 HP/600 RPM		
			0014 - Electric Motor, Stator Rewind 200-575 Volts	572.00	572.00
15	1.00	EA	1/2 HP/450 RPM		
			0015 - Electric Motor, Stator Rewind 200-575 Volts	485.00	485.00
16	1.00	EA	3/4 HP/3600 RPM		
			0016 - Electric Motor, Stator Rewind 200-575 Volts	550.00	550.00
17	1.00	EA	3/4 HP/1800 RPM		
			0017 - Electric Motor, Stator Rewind 200-575 Volts	550.00	550.00
18	1.00	EA	3/4 HP/1200 RPM		
			0018 - Electric Motor, Stator Rewind 200-575 Volts	575.00	575.00
19	1.00	EA	3/4 HP/900 RPM		
			0019 - Electric Motor, Stator Rewind 200-575 Volts	575.00	575.00
20	1.00	EA	3/4 HP/720 RPM		
			0020 - Electric Motor, Stator Rewind 200-575 Volts	625.00	625.00
			3/4 HP/600 RPM		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
21	1.00	EA	0021 - Electric Motor, Stator Rewind 200-575 Volts  3/4 HP/450 RPM	625.00	625.00
22	1.00	EA	0022 - Electric Motor, Stator Rewind 200-575 Volts  1 HP/3600 RPM	525.00	525.00
23	1.00	EA	0023 - Electric Motor, Stator Rewind 200-575 Volts  1 HP/1800 RPM	585.00	585.00
24	1.00	EA	0024 - Electric Motor, Stator Rewind 200-575 Volts  1 HP/1200 RPM	585.00	585.00
25	1.00	EA	0025 - Electric Motor, Stator Rewind 200-575 Volts  1 HP/900 RPM	590.00	590.00
26	1.00	EA	0026 - Electric Motor, Stator Rewind 200-575 Volts  1 HP/720 RPM	645.00	645.00
27	1.00	EA	0027 - Electric Motor, Stator Rewind 200-575 Volts  1 HP/600 RPM	645.00	645.00
28	1.00	EA	0028 - Electric Motor, Stator Rewind 200-575 Volts  1 HP/450 RPM	650.00	650.00
29	1.00	EA	0029 - Electric Motor, Stator Rewind 200-575 Volts  1.5 HP/3600 RPM	535.00	535.00
30	1.00	EA	0030 - Electric Motor, Stator Rewind 200-575 Volts  1.5 HP/1800 RPM	630.00	630.00
31	1.00	EA	0031 - Electric Motor, Stator Rewind 200-575 Volts	640.00	640.00



## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
32	1.00	EA	1.5 HP/1200 RPM 0032 - Electric Motor, Stator Rewind 200-575 Volts	750.00	750.00
33	1.00	EA	1.5 HP/900 RPM 0033 - Electric Motor, Stator Rewind 200-575 Volts	781.00	781.00
34	1.00	EA	1.5 HP/720 RPM 0034 - Electric Motor, Stator Rewind 200-575 Volts	800.00	800.00
35	1.00	EA	1.5 HP/600 RPM 0035 - Electric Motor, Stator Rewind 200-575 Volts	850.00	850.00
36	1.00	EA	1.5 HP/450 RPM 0036 - Electric Motor, Stator Rewind 200-575 Volts	540.00	540.00
37	1.00	EA	2 HP/3600 RPM 0037 - Electric Motor, Stator Rewind 200-575 Volts	650.00	650.00
38	1.00	EA	2 HP/1800 RPM 0038 - Electric Motor, Stator Rewind 200-575 Volts	650.00	650.00
39	1.00	EA	2 HP/1200 RPM 0039 - Electric Motor, Stator Rewind 200-575 Volts	800.00	800.00
40	1.00	EA	2 HP/900 RPM 0040 - Electric Motor, Stator Rewind 200-575 Volts	890.00	890.00
41	1.00	EA	2 HP/720 RPM 0041 - Electric Motor, Stator Rewind 200-575 Volts	890.00	890.00
			2 HP/600 RPM		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
42	1.00	EA	0042 - Electric Motor, Stator Rewind 200-575 Volts  2 HP/450 RPM	890.00	890.00
43	1.00	EA	0043 - Electric Motor, Stator Rewind 200-575 Volts  3 HP/3600 RPM	560.00	560.00
44	6.00	EA	0044 - Electric Motor, Stator Rewind 200-575 Volts  3 HP/1800 RPM	700.00	4200.00
45	1.00	EA	0045 - Electric Motor, Stator Rewind 200-575 Volts  3 HP/1200 RPM	725.00	725.00
46	1.00	EA	0046 - Electric Motor, Stator Rewind 200-575 Volts  3 HP/900 RPM	885.00	885.00
47	1.00	EA	0047 - Electric Motor, Stator Rewind 200-575 Volts  3 HP/720 RPM	885.00	885.00
48	1.00	EA	0048 - Electric Motor, Stator Rewind 200-575 Volts  3 HP/600 RPM	900.00	900.00
49	1.00	EA	0049 - Electric Motor, Stator Rewind 200-575 Volts  3 HP/450 RPM	900.00	900.00
50	1.00	EA	0050 - Electric Motor, Stator Rewind 200-575 Volts  5 HP/3600 RPM	600.00	600.00
51	6.00	EA	0051 - Electric Motor, Stator Rewind 200-575 Volts  5 HP/1800 RPM	850.00	5100.00
52	1.00	EA	0052 - Electric Motor, Stator Rewind 200-575 Volts	850.00	850.00

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
53	1.00	EA	5 HP/1200 RPM		
			0053 - Electric Motor, Stator Rewind 200-575 Volts	950.00	950.00
54	1.00	EA	5 HP/900 RPM		
			0054 - Electric Motor, Stator Rewind 200-575 Volts	950.00	950.00
55	1.00	EA	5 HP/720 RPM		
			0055 - Electric Motor, Stator Rewind 200-575 Volts	990.00	990.00
56	1.00	EA	5 HP/600 RPM		
			0056 - Electric Motor, Stator Rewind 200-575 Volts	990.00	990.00
57	1.00	EA	5 HP/450 RPM		
			0057 - Electric Motor, Stator Rewind 200-575 Volts	635.00	635.00
58	1.00	EA	7.5 HP/3600 RPM		
			0058 - Electric Motor, Stator Rewind 200-575 Volts	775.00	775.00
59	6.00	EA	7.5 HP/1800 RPM		
			0059 - Electric Motor, Stator Rewind 200-575 Volts	950.00	5700.00
60	6.00	EA	7.5 HP/1200 RPM		
			0060 - Electric Motor, Stator Rewind 200-575 Volts	1095.00	6570.00
61	1.00	EA	7.5 HP/900 RPM		
			0061 - Electric Motor, Stator Rewind 200-575 Volts	1100.00	1100.00
62	1.00	EA	7.5 HP/720 RPM		
			0062 - Electric Motor, Stator Rewind 200-575 Volts	1105.00	1105.00
			7.5 HP/600 RPM		



## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
63	1.00	EA	0063 - Electric Motor, Stator Rewind 200-575 Volts  7.5 HP/450 RPM	1105.00	1105.00
64	1.00	EA	0064 - Electric Motor, Stator Rewind 200-575 Volts  10 HP/3600 RPM	730.00	730.00
65	2.00	EA	0065 - Electric Motor, Stator Rewind 200-575 Volts  10 HP/1800 RPM	985.00	1970.00
66	7.00	EA	0066 - Electric Motor, Stator Rewind 200-575 Volts  10 HP/1200 RPM	1200.00	8400.00
67	1.00	EA	0067 - Electric Motor, Stator Rewind 200-575 Volts  10 HP/900 RPM	1200.00	1200.00
68	1.00	EA	0068 - Electric Motor, Stator Rewind 200-575 Volts  10 HP/720 RPM	1205.00	1205.00
69	1.00	EA	0069 - Electric Motor, Stator Rewind 200-575 Volts  10 HP/600 RPM	1205.00	1205.00
70	1.00	EA	0070 - Electric Motor, Stator Rewind 200-575 Volts  10 HP/450 RPM	1210.00	1210.00
71	1.00	EA	0071 - Electric Motor, Stator Rewind 200-575 Volts  15 HP/3600 RPM	810.00	810.00
72	25.00	EA	0072 - Electric Motor, Stator Rewind 200-575 Volts  15 HP/1800 RPM	1100.00	27500.00
73	5.00	EA	0073 - Electric Motor, Stator Rewind 200-575 Volts	1175.00	5875.00

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
74	2.00	EA	15 HP/1200 RPM 0074 - Electric Motor, Stator Rewind 200-575 Volts	1375.00	2750.00
75	1.00	EA	15 HP/900 RPM 0075 - Electric Motor, Stator Rewind 200-575 Volts	1400.00	1400.00
76	1.00	EA	15 HP/720 RPM 0076 - Electric Motor, Stator Rewind 200-575 Volts	1400.00	1400.00
77	1.00	EA	15 HP/600 RPM 0077 - Electric Motor, Stator Rewind 200-575 Volts	1415.00	1415.00
78	1.00	EA	15 HP/450 RPM 0078 - Electric Motor, Stator Rewind 200-575 Volts	900.00	900.00
79	8.00	EA	20 HP/3600 RPM 0079 - Electric Motor, Stator Rewind 200-575 Volts	1175.00	9400.00
80	5.00	EA	20 HP/1800 RPM 0080 - Electric Motor, Stator Rewind 200-575 Volts	1375.00	6875.00
81	1.00	EA	20 HP/1200 RPM 0081 - Electric Motor, Stator Rewind 200-575 Volts	1710.00	1710.00
82	1.00	EA	20 HP/900 RPM 0082 - Electric Motor, Stator Rewind 200-575 Volts	2020.00	2020.00
83	1.00	EA	20 HP/720 RPM 0083 - Electric Motor, Stator Rewind 200-575 Volts	2020.00	2020.00
			20 HP/450 RPM		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
84	1.00	EA	0084 - Electric Motor, Stator Rewind 200-575 Volts  20 HP/600 RPM	2040.00	2040.00
85	1.00	EA	0085 - Electric Motor, Stator Rewind 200-575 Volts  25 HP/3600 RPM	1010.00	1010.00
86	2.00	EA	0086 - Electric Motor, Stator Rewind 200-575 Volts  25 HP/1800 RPM	1400.00	2800.00
87	1.00	EA	0087 - Electric Motor, Stator Rewind 200-575 Volts  25 HP/1200 RPM	1425.00	1425.00
88	3.00	EA	0088 - Electric Motor, Stator Rewind 200-575 Volts  25 HP/900 RPM	2000.00	6000.00
89	1.00	EA	0089 - Electric Motor, Stator Rewind 200-575 Volts  25 HP/720 RPM	2300.00	2300.00
90	1.00	EA	0090 - Electric Motor, Stator Rewind 200-575 Volts  25 HP/600 RPM	2325.00	2325.00
91	1.00	EA	0091 - Electric Motor, Stator Rewind 200-575 Volts  25 HP/450 RPM	2350.00	2350.00
92	1.00	EA	0092 - Electric Motor, Stator Rewind 200-575 Volts  30 HP/3600 RPM	1200.00	1200.00
93	1.00	EA	0093 - Electric Motor, Stator Rewind 200-575 Volts  30 HP/1800 RPM	1400.00	1400.00
94	1.00	EA	0094 - Electric Motor, Stator Rewind 200-575 Volts	1675.00	1675.00



## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
95	1.00	EA	30 HP/1200 RPM		
			0095 - Electric Motor, Stator Rewind 200-575 Volts	2175.00	2175.00
96	1.00	EA	30 HP/900 RPM		
			0096 - Electric Motor, Stator Rewind 200-575 Volts	2400.00	2400.00
97	1.00	EA	30 HP/720 RPM		
			0097 - Electric Motor, Stator Rewind 200-575 Volts	2410.00	2410.00
98	1.00	EA	30 HP/600 RPM		
			0098 - Electric Motor, Stator Rewind 200-575 Volts	2410.00	2410.00
99	1.00	EA	30 HP/450 RPM		
			0099 - Electric Motor, Stator Rewind 200-575 Volts	1325.00	1325.00
100	6.00	EA	40 HP/3600 RPM		
			0100 - Electric Motor, Stator Rewind 200-575 Volts	1600.00	9600.00
101	15.00	EA	40 HP/1800 RPM		
			0101 - Electric Motor, Stator Rewind 200-575 Volts	2000.00	30000.00
102	1.00	EA	40 HP/1200 RPM		
			0102 - Electric Motor, Stator Rewind 200-575 Volts	2250.00	2250.00
103	1.00	EA	40 HP/900 RPM		
			0103 - Electric Motor, Stator Rewind 200-575 Volts	2400.00	2400.00
104	1.00	EA	40 HP/720 RPM		
			0104 - Electric Motor, Stator Rewind 200-575 Volts	2400.00	2400.00
			40 HP/600 RPM		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
105	1.00	EA	0105 - Electric Motor, Stator Rewind 200-575 Volts 40 HP/450 RPM	2405.00	2405.00
106	1.00	EA	0106 - Electric Motor, Stator Rewind 200-575 Volts 50 HP/3600 RPM	1670.00	1670.00
107	2.00	EA	0107 - Electric Motor, Stator Rewind 200-575 Volts 50 HP/1800 RPM	1985.00	3970.00
108	10.00	EA	0108 - Electric Motor, Stator Rewind 200-575 Volts 50 HP/1200 RPM	2300.00	23000.00
109	1.00	EA	0109 - Electric Motor, Stator Rewind 200-575 Volts 50 HP/900 RPM	2500.00	2500.00
110	1.00	EA	0110 - Electric Motor, Stator Rewind 200-575 Volts 50 HP/720 RPM	2500.00	2500.00
111	1.00	EA	0111 - Electric Motor, Stator Rewind 200-575 Volts 50 HP/600 RPM	2530.00	2530.00
112	1.00	EA	0112 - Electric Motor, Stator Rewind 200-575 Volts 50 HP/450 RPM	2530.00	2530.00
113	1.00	EA	0113 - Electric Motor, Stator Rewind 200-575 Volts 60 HP/3600 RPM	2020.00	2020.00
114	3.00	EA	0114 - Electric Motor, Stator Rewind 200-575 Volts 60 HP/1800 RPM	2300.00	6900.00
115	5.00	EA	0115 - Electric Motor, Stator Rewind 200-575 Volts	2600.00	13000.00

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
116	1.00	EA	60 HP/1200 RPM 0116 - Electric Motor, Stator Rewind 200-575 Volts	2975.00	2975.00
117	1.00	EA	60 HP/900 RPM 0117 - Electric Motor, Stator Rewind 200-575 Volts	3800.00	3800.00
118	1.00	EA	60 HP/720 RPM 0118 - Electric Motor, Stator Rewind 200-575 Volts	4200.00	4200.00
119	1.00	EA	60 HP/600 RPM 0119 - Electric Motor, Stator Rewind 200-575 Volts	4200.00	4200.00
120	1.00	EA	60 HP/450 RPM 0120 - Electric Motor, Stator Rewind 200-575 Volts	2360.00	2360.00
121	2.00	EA	75 HP/3600 RPM 0121 - Electric Motor, Stator Rewind 200-575 Volts	2650.00	5300.00
122	4.00	EA	75 HP/1800 RPM 0122 - Electric Motor, Stator Rewind 200-575 Volts	3000.00	12000.00
123	1.00	EA	75 HP/1200 RPM 0123 - Electric Motor, Stator Rewind 200-575 Volts	3590.00	3590.00
124	1.00	EA	75 HP/900 RPM 0124 - Electric Motor, Stator Rewind 200-575 Volts	4300.00	4300.00
125	1.00	EA	75 HP/720 RPM 0125 - Electric Motor, Stator Rewind 200-575 Volts	5100.00	5100.00
			75 HP/600 RPM		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
126	1.00	EA	0126 - Electric Motor, Stator Rewind 200-575 Volts  75 HP/450 RPM	5125.00	5125.00
127	1.00	EA	0127 - Electric Motor, Stator Rewind 200-575 Volts  100 HP/3600 RPM	2800.00	2800.00
128	2.00	EA	0128 - Electric Motor, Stator Rewind 200-575 Volts  100 HP/1800 RPM	3200.00	6400.00
129	2.00	EA	0129 - Electric Motor, Stator Rewind 200-575 Volts  100 HP/1200 RPM	3750.00	7500.00
130	1.00	EA	0130 - Electric Motor, Stator Rewind 200-575 Volts  100 HP/900 RPM	4100.00	4100.00
131	1.00	EA	0131 - Electric Motor, Stator Rewind 200-575 Volts  100 HP/720 RPM	5145.00	5145.00
132	1.00	EA	0132 - Electric Motor, Stator Rewind 200-575 Volts  100 HP/600 RPM	5150.00	5150.00
133	1.00	EA	0133 - Electric Motor, Stator Rewind 200-575 Volts  100 HP/450 RPM	5150.00	5150.00
134	1.00	EA	0134 - Electric Motor, Stator Rewind 200-575 Volts  125 HP/3600 RPM	2880.00	2880.00
135	1.00	EA	0135 - Electric Motor, Stator Rewind 200-575 Volts  125 HP/1800 RPM	3700.00	3700.00
136	1.00	EA	0136 - Electric Motor, Stator Rewind 200-575 Volts	4400.00	4400.00



## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
137	3.00	EA	125 HP/1200 RPM 0137 - Electric Motor, Stator Rewind 200-575 Volts	4995.00	14985.00
138	1.00	EA	125 HP/900 RPM 0138 - Electric Motor, Stator Rewind 200-575 Volts	5870.00	5870.00
139	1.00	EA	125 HP/720 RPM 0139 - Electric Motor, Stator Rewind 200-575 Volts	5885.00	5885.00
140	1.00	EA	125 HP/600 RPM 0140 - Electric Motor, Stator Rewind 200-575 Volts	5900.00	5900.00
141	1.00	EA	125 HP/450 RPM 0141 - Electric Motor, Stator Rewind 200-575 Volts	3500.00	3500.00
142	1.00	EA	134 HP/3600 RPM 0142 - Electric Motor, Stator Rewind 200-575 Volts	3800.00	3800.00
143	1.00	EA	134 HP/1800 RPM 0143 - Electric Motor, Stator Rewind 200-575 Volts	4500.00	4500.00
144	1.00	EA	134 HP/1200 RPM 0144 - Electric Motor, Stator Rewind 200-575 Volts	5400.00	5400.00
145	1.00	EA	134 HP/900 RPM 0145 - Electric Motor, Stator Rewind 200-575 Volts	7500.00	7500.00
146	1.00	EA	134 HP/600 RPM 0146 - Electric Motor, Stator Rewind 200-575 Volts	8000.00	8000.00
			134 HP/450 RPM		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
147	1.00	EA	0147 - Electric Motor, Stator Rewind 200-575 Volts 150 HP/3600 RPM	3113.00	3113.00
148	1.00	EA	0148 - Electric Motor, Stator Rewind 200-575 Volts 150 HP/1800 RPM	4200.00	4200.00
149	1.00	EA	0149 - Electric Motor, Stator Rewind 200-575 Volts 150 HP/1200 RPM	4940.00	4940.00
150	2.00	EA	0150 - Electric Motor, Stator Rewind 200-575 Volts 150 HP/900 RPM	6000.00	12000.00
151	1.00	EA	0151 - Electric Motor, Stator Rewind 200-575 Volts 150 HP/720 RPM	7150.00	7150.00
152	1.00	EA	0152 - Electric Motor, Stator Rewind 200-575 Volts 150 HP/600 RPM	7425.00	7425.00
153	1.00	EA	0153 - Electric Motor, Stator Rewind 200-575 Volts 150 HP/450 RPM	7425.00	7425.00
154	1.00	EA	0154 - Electric Motor, Stator Rewind 200-575 Volts 200 HP/3600 RPM	3450.00	3450.00
155	1.00	EA	0155 - Electric Motor, Stator Rewind 200-575 Volts 200 HP/1800 RPM	5250.00	5250.00
156	3.00	EA	0156 - Electric Motor, Stator Rewind 200-575 Volts 200 HP/1200 RPM	6200.00	18600.00
157	2.00	EA	0157 - Electric Motor, Stator Rewind 200-575 Volts	6700.00	13400.00

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
158	1.00	EA	200 HP/900 RPM 0158 - Electric Motor, Stator Rewind 200-575 Volts	8300.00	8300.00
159	1.00	EA	200 HP/720 RPM 0159 - Electric Motor, Stator Rewind 200-575 Volts	9880.00	9880.00
160	1.00	EA	200 HP/600 RPM 0160 - Electric Motor, Stator Rewind 200-575 Volts	9950.00	9950.00
161	1.00	EA	200 HP/450 RPM 0161 - Electric Motor, Stator Rewind 200-575 Volts	3630.00	3630.00
162	1.00	EA	250 HP/3600 RPM 0162 - Electric Motor, Stator Rewind 200-575 Volts	6150.00	6150.00
163	1.00	EA	250 HP/1800 RPM 0163 - Electric Motor, Stator Rewind 200-575 Volts	6900.00	6900.00
164	1.00	EA	250 HP/1200 RPM 0164 - Electric Motor, Stator Rewind 200-575 Volts	7000.00	7000.00
165	2.00	EA	250 HP/900 RPM 0165 - Electric Motor, Stator Rewind 200-575 Volts	10200.00	20400.00
166	1.00	EA	250 HP/720 RPM 0166 - Electric Motor, Stator Rewind 200-575 Volts	10600.00	10600.00
167	1.00	EA	250 HP/600 RPM 0167 - Electric Motor, Stator Rewind 200-575 Volts	11000.00	11000.00
			250 HP/450 RPM		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
168	1.00	EA	0168 - Electric Motor, Stator Rewind 200-575 Volts  300 HP/3600 RPM	3900.00	3900.00
169	1.00	EA	0169 - Electric Motor, Stator Rewind 200-575 Volts  300 HP/1800 RPM	7100.00	7100.00
170	1.00	EA	0170 - Electric Motor, Stator Rewind 200-575 Volts  300 HP/1200 RPM	8100.00	8100.00
171	1.00	EA	0171 - Electric Motor, Stator Rewind 200-575 Volts  300 HP/900 RPM	8400.00	8400.00
172	1.00	EA	0172 - Electric Motor, Stator Rewind 200-575 Volts  300 HP/720 RPM	9700.00	9700.00
173	1.00	EA	0173 - Electric Motor, Stator Rewind 200-575 Volts  300 HP/600 RPM	10800.00	10800.00
174	1.00	EA	0174 - Electric Motor, Stator Rewind 200-575 Volts  300 HP/450 RPM	11400.00	11400.00
175	1.00	EA	0175 - Electric Motor, Stator Rewind 200-575 Volts  316 HP/3600 RPM	5000.00	5000.00
176	1.00	EA	0176 - Electric Motor, Stator Rewind 200-575 Volts  316 HP/1800 RPM	6800.00	6800.00
177	1.00	EA	0177 - Electric Motor, Stator Rewind 200-575 Volts  316 HP/1200 RPM	8500.00	8500.00
178	1.00	EA	0178 - Electric Motor, Stator Rewind 200-575 Volts	9615.00	9615.00



## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
179	1.00	EA	316 HP/900 RPM 0179 - Electric Motor, Stator Rewind 200-575 Volts	12475.00	12475.00
180	1.00	EA	316 HP/600 RPM 0180 - Electric Motor, Stator Rewind 200-575 Volts	12475.00	12475.00
181	1.00	EA	316 HP/450 RPM 0181 - Electric Motor, Stator Rewind 200-575 Volts	4080.00	4080.00
182	1.00	EA	350 HP/3600 RPM 0182 - Electric Motor, Stator Rewind 200-575 Volts	7800.00	7800.00
183	4.00	EA	350 HP/1800 RPM 0183 - Electric Motor, Stator Rewind 200-575 Volts	9450.00	37800.00
184	1.00	EA	350 HP/1200 RPM 0184 - Electric Motor, Stator Rewind 200-575 Volts	9600.00	9600.00
185	1.00	EA	350 HP/900 RPM 0185 - Electric Motor, Stator Rewind 200-575 Volts	9800.00	9800.00
186	1.00	EA	350 HP/720 RPM 0186 - Electric Motor, Stator Rewind 200-575 Volts	11100.00	11100.00
187	1.00	EA	350 HP/600 RPM 0187 - Electric Motor, Stator Rewind 200-575 Volts	11400.00	11400.00
188	1.00	EA	350 HP/450 RPM 0188 - Electric Motor, Stator Rewind 200-575 Volts	4389.00	4389.00
			400 HP/3600 RPM		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
189	1.00	EA	0189 - Electric Motor, Stator Rewind 200-575 Volts 400 HP/1800 RPM	8400.00	8400.00
190	1.00	EA	0190 - Electric Motor, Stator Rewind 200-575 Volts 400 HP/1200 RPM	10000.00	10000.00
191	1.00	EA	0191 - Electric Motor, Stator Rewind 200-575 Volts 400 HP/900 RPM	10350.00	10350.00
192	1.00	EA	0192 - Electric Motor, Stator Rewind 200-575 Volts 400 HP/720 RPM	11525.00	11525.00
193	1.00	EA	0193 - Electric Motor, Stator Rewind 200-575 Volts 400 HP/600 RPM	11525.00	11525.00
194	1.00	EA	0194 - Electric Motor, Stator Rewind 200-575 Volts 400 HP/450 RPM	11530.00	11530.00
195	1.00	EA	0195 - Electric Motor, Stator Rewind 200-575 Volts 500 HP/3600 RPM	4700.00	4700.00
196	1.00	EA	0196 - Electric Motor, Stator Rewind 200-575 Volts 500 HP/1800 RPM	8200.00	8200.00
197	1.00	EA	0197 - Electric Motor, Stator Rewind 200-575 Volts 500 HP/1200 RPM	11100.00	11100.00
198	1.00	EA	0198 - Electric Motor, Stator Rewind 200-575 Volts, 500 HP/900 RPM	11250.00	11250.00
199	1.00	EA	0199 - Electric Motor, Stator Rewind 200-575 Volts	11475.00	11475.00

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
200	1.00	EA	500 HP/720 RPM 0200 - Electric Motor, Stator Rewind 200-575 Volts	11500.00	11500.00
201	1.00	EA	500 HP/600 RPM 0201 - Electric Motor, Stator Rewind 200-575 Volts	11500.00	11500.00
202	1.00	EA	500 HP/450 RPM 0202 - Electric Motor, Stator Rewind 2300 Volts	8450.00	8450.00
203	1.00	EA	100 HP/1800 RPM 0203 - Electric Motor, Stator Rewind 2300 Volts	10800.00	10800.00
204	1.00	EA	100 HP/900 RPM 0204 - Electric Motor, Stator Rewind 2300 Volts	21000.00	21000.00
205	1.00	EA	100 HP/327 RPM 0205 - Electric Motor, Stator Rewind 4160 Volts	10900.00	10900.00
206	1.00	EA	200 HP/1800 RPM 0206 - Electric Motor, Stator Rewind 2300 Volts	10000.00	10000.00
207	1.00	EA	200 HP/1800 RPM 0207 - Electric Motor, Stator Rewind 4160 Volts	13995.00	13995.00
208	1.00	EA	200 HP/900 RPM 0208 - Electric Motor, Stator Rewind 2300 Volts	12700.00	12700.00
209	1.00	EA	200 HP/900 RPM 0209 - Electric Motor, Stator Rewind 4160 Volts	25800.00	25800.00
			200 HP/327 RPM		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
210	1.00	EA	0210 - Electric Motor, Stator Rewind 2300 Volts 200 HP/327 RPM	23900.00	23900.00
211	1.00	EA	0211 - Electric Motor, Stator Rewind 2300 Volts 225 HP/1800 RPM	10100.00	10100.00
212	1.00	EA	0212 - Electric Motor, Stator Rewind 2300 Volts 225 HP/900 RPM	13210.00	13210.00
213	1.00	EA	0213 - Electric Motor, Stator Rewind 2300 Volts 225 HP/327 RPM	24450.00	24450.00
214	1.00	EA	0214 - Electric Motor, Stator Rewind 4160 Volts 300 HP/1800 RPM	12500.00	12500.00
215	1.00	EA	0215 - Electric Motor, Stator Rewind 2300 Volts 300 HP/1800 RPM	11300.00	11300.00
216	1.00	EA	0216 - Electric Motor, Stator Rewind 4160 Volts 300 HP/900 RPM	16100.00	16100.00
217	1.00	EA	0217 - Electric Motor, Stator Rewind 2300 Volts 300 HP/900 RPM	14550.00	14550.00
218	1.00	EA	0218 - Electric Motor, Stator Rewind 4160 Volts 300 HP/327 RPM	30500.00	30500.00
219	1.00	EA	0219 - Electric Motor, Stator Rewind 2300 Volts 300 HP/327 RPM	27600.00	27600.00
220	1.00	EA	0220 - Electric Motor, Stator Rewind 4160 Volts	14000.00	14000.00



## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
221	1.00	EA	400 HP/1800 RPM 0221 - Electric Motor, Stator Rewind 2300 Volts	12690.00	12690.00
222	1.00	EA	400 HP/1800 RPM 0222 - Electric Motor, Stator Rewind 4160 Volts	18100.00	18100.00
223	1.00	EA	400 HP/900 RPM 0223 - Electric Motor, Stator Rewind 2300 Volts	16400.00	16400.00
224	1.00	EA	400 HP/900 RPM 0224 - Electric Motor, Stator Rewind 4160 Volts	33250.00	33250.00
225	1.00	EA	400 HP/327 RPM 0225 - Electric Motor, Stator Rewind 2300 Volts	30300.00	30300.00
226	1.00	EA	400 HP/327 RPM 0226 - Electric Motor, Stator Rewind 4160 Volts	15600.00	15600.00
227	1.00	EA	500 HP/1800 RPM 0227 - Electric Motor, Stator Rewind 2300 Volts	14210.00	14210.00
228	1.00	EA	500 HP/1800 RPM 0228 - Electric Motor, Stator Rewind 4160 Volts	20400.00	20400.00
229	1.00	EA	500 HP/900 RPM 0229 - Electric Motor, Stator Rewind 2300 Volts	18425.00	18425.00
230	1.00	EA	500 HP/900 RPM 0230 - Electric Motor, Stator Rewind 4160 Volts	38000.00	38000.00
			500 HP/327 RPM		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
231	1.00	EA	0231 - Electric Motor, Stator Rewind 2300 Volts  500 HP/327 RPM	35100.00	35100.00
232	1.00	EA	0232 - Electric Motor, Stator Rewind 4160 Volts  600 HP/1800 RPM	17100.00	17100.00
233	1.00	EA	0233 - Electric Motor, Stator Rewind 2300 Volts  600 HP/1800 RPM	15600.00	15600.00
234	1.00	EA	0234 - Electric Motor, Stator Rewind 4160 Volts  600 HP/900 RPM	22100.00	22100.00
235	1.00	EA	0235 - Electric Motor, Stator Rewind 2300 Volts  600 HP/900 RPM	20150.00	20150.00
236	1.00	EA	0236 - Electric Motor, Stator Rewind 4160 Volts  600 HP/327 RPM	41900.00	41900.00
237	1.00	EA	0237 - Electric Motor, Stator Rewind 2300 Volts  600 HP/327 RPM	38000.00	38000.00
238	1.00	EA	0238 - Electric Motor, Stator Rewind 4160 Volts  700 HP/1800 RPM	18660.00	18660.00
239	1.00	EA	0239 - Electric Motor, Stator Rewind 2300 Volts  700 HP/1800 RPM	17000.00	17000.00
240	1.00	EA	0240 - Electric Motor, Stator Rewind 4160 Volts  700 HP/900 RPM	24200.00	24200.00
241	1.00	EA	0241 - Electric Motor, Stator Rewind 2300 Volts	22100.00	22100.00

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
242	1.00	EA	700 HP/900 RPM 0242 - Electric Motor, Stator Rewind 4160 Volts	45800.00	45800.00
243	1.00	EA	700 HP/327 RPM 0243 - Electric Motor, Stator Rewind 2300 Volts	41000.00	41000.00
244	1.00	EA	700 HP/327 RPM 0244 - Electric Motor, Stator Rewind 4160 Volts	20800.00	20800.00
245	1.00	EA	800 HP/1800 RPM 0245 - Electric Motor, Stator Rewind 2300 Volts	18800.00	18800.00
246	1.00	EA	800 HP/1800 RPM 0246 - Electric Motor, Stator Rewind 4160 Volts	26200.00	26200.00
247	1.00	EA	800 HP/900 RPM 0247 - Electric Motor, Stator Rewind 2300 Volts	23800.00	23800.00
248	1.00	EA	800 HP/900 RPM 0248 - Electric Motor, Stator Rewind 4160 Volts	48400.00	48400.00
249	1.00	EA	800 HP/327 RPM 0249 - Electric Motor, Stator Rewind 2300 Volts	44000.00	44000.00
250	1.00	EA	800 HP/327 RPM 0250 - Electric Motor, Stator Rewind 4160 Volts	23000.00	23000.00
251	1.00	EA	900 HP/1800 RPM 0251 - Electric Motor, Stator Rewind 2300 Volts	21100.00	21100.00
			900 HP/1800 RPM		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
252	1.00	EA	0252 - Electric Motor, Stator Rewind 4160 Volts  900 HP/900 RPM	28600.00	28600.00
253	1.00	EA	0253 - Electric Motor, Stator Rewind 2300 Volts  900 HP/900 RPM	26000.00	26000.00
254	1.00	EA	0254 - Electric Motor, Stator Rewind 4160 Volts  900 HP/327 RPM	52200.00	52200.00
255	1.00	EA	0255 - Electric Motor, Stator Rewind 2300 Volts  900 HP/327 RPM	47500.00	47500.00
256	1.00	EA	0256 - Electric Motor, Stator Rewind 4160 Volts  1000 HP/1800 RPM	24600.00	24600.00
257	1.00	EA	0257 - Electric Motor, Stator Rewind 2300 Volts  1000 HP/1800 RPM	22300.00	22300.00
258	1.00	EA	0258 - Electric Motor, Stator Rewind 4160 Volts  1000 HP/900 RPM	30500.00	30500.00
259	1.00	EA	0259 - Electric Motor, Stator Rewind 2300 Volts  1000 HP/900 RPM	27600.00	27600.00
260	1.00	EA	0260 - Electric Motor, Stator Rewind 4160 Volts  1000 HP/327 RPM	55800.00	55800.00
261	1.00	EA	0261 - Electric Motor, Stator Rewind 2300 Volts  1000 HP/327 RPM	50600.00	50600.00
262	1.00	EA	0262 - Electric Motor, Stator Rewind 4160 Volts	41900.00	41900.00



## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
263	1.00	EA	2000 HP/1800 RPM 0263 - Electric Motor, Stator Rewind 2300 Volts	37900.00	37900.00
264	1.00	EA	2000 HP/1800 RPM 0264 - Electric Motor, Stator Rewind 4160 Volts	47900.00	47900.00
265	1.00	EA	2000 HP/900 RPM 0265 - Electric Motor, Stator Rewind 2300 Volts	42450.00	42450.00
266	1.00	EA	2000 HP/900 RPM 0266 - Electric Motor, Stator Rewind 4160 Volts	81000.00	81000.00
267	1.00	EA	2000 HP/327 RPM 0267 - Electric Motor, Stator Rewind 2300 Volts	78000.00	78000.00
268	1.00	EA	2000 HP/327 RPM 0268 - Electric Motor, Stator Rewind 4160 Volts	49400.00	49400.00
269	1.00	EA	2500 HP/1800 RPM 0269 - Electric Motor, Stator Rewind 2300 Volts	45000.00	45000.00
270	1.00	EA	2500 HP/1800 RPM 0270 - Electric Motor, Stator Rewind 4160 Volts	59400.00	59400.00
271	1.00	EA	2500 HP/900 RPM 0271 - Electric Motor, Stator Rewind 2300 Volts	54000.00	54000.00
272	1.00	EA	2500 HP/900 RPM 0272 - Electric Motor, Stator Rewind 4160 Volts	99900.00	99900.00
			2500 HP/327 RPM		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
273	1.00	EA	0273 - Electric Motor, Stator Rewind 2300 Volts  2500 HP/327 RPM	92800.00	92800.00
274	1.00	EA	0274 - Electric Motor, Stator Rewind 4160 Volts  3000 HP/1800 RPM	56600.00	56600.00
275	1.00	EA	0275 - Electric Motor, Stator Rewind 2300 Volts  3000 HP/1800 RPM	50900.00	50900.00
276	1.00	EA	0276 - Electric Motor, Stator Rewind 4160 Volts  3000 HP/900 RPM	68000.00	68000.00
277	1.00	EA	0277 - Electric Motor, Stator Rewind 2300 Volts  3000 HP/900 RPM	61800.00	61800.00
278	1.00	EA	0278 - Electric Motor, Stator Rewind 4160 Volts  3000 HP/327 RPM	104500.00	104500.00
279	1.00	EA	0279 - Electric Motor, Stator Rewind 2300 Volts  3000 HP/327 RPM	95000.00	95000.00
280	1.00	EA	0280 - Electric Motor, Stator Rewind 4160 Volts  3600 HP/1800 RPM	65000.00	65000.00
281	1.00	EA	0281 - Electric Motor, Stator Rewind 2300 Volts  3600 HP/1800 RPM	58200.00	58200.00
282	1.00	EA	0282 - Electric Motor, Stator Rewind 4160 Volts  3600 HP/900 RPM	75900.00	75900.00
283	1.00	EA	0283 - Electric Motor, Stator Rewind 2300 Volts	69000.00	69000.00

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
284	1.00	EA	3600 HP/900 RPM 0284 - Electric Motor, Stator Rewind 4160 Volts	123000.00	123000.00
285	1.00	EA	3600 HP/327 RPM 0285 - Electric Motor, Stator Rewind 2300 Volts	112300.00	112300.00
286	1.00	EA	3600 HP/327 RPM 0286 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	200.00	200.00
287	1.00	EA	1/6 HP/3450 RPM 0287 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	200.00	200.00
288	1.00	EA	1/6 HP/1725 RPM 0288 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	200.00	200.00
289	1.00	EA	1/6 HP/1140 RPM 0289 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	210.00	210.00
290	1.00	EA	1/4 HP/3450 RPM 0290 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	210.00	210.00
291	1.00	EA	1/4 HP/1725 RPM 0291 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	210.00	210.00
292	1.00	EA	1/4 HP/1140 RPM 0292 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	215.00	215.00
293	1.00	EA	1/3 HP/3450 RPM 0293 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	215.00	215.00
			1/3 HP/1725 RPM		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
294	1.00	EA	0294 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,  1/3 HP/1140 RPM	220.00	220.00
295	1.00	EA	0295 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,  1/2 HP/3450 RPM	230.00	230.00
296	1.00	EA	0296 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,  1/2 HP/1725 RPM	230.00	230.00
297	1.00	EA	0297 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,  1/2 HP/1140 RPM	230.00	230.00
298	1.00	EA	0298 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,  3/4 HP/3450 RPM	240.00	240.00
299	1.00	EA	0299 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,  3/4 HP/1725 RPM	240.00	240.00
300	1.00	EA	0300 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,  3/4 HP/1140 RPM	240.00	240.00
301	1.00	EA	0301 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,  1 HP/3450 RPM	265.00	265.00
302	1.00	EA	0302 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,  1 HP/1725 RPM	265.00	265.00
303	1.00	EA	0303 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,  1 HP/1140 RPM	265.00	265.00
304	1.00	EA	0304 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	295.00	295.00



## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
305	1.00	EA	1-1/2 HP/3450 RPM 0305 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	295.00	295.00
306	1.00	EA	1-1/2 HP/1725 RPM 0306 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	295.00	295.00
307	1.00	EA	1-1/2 HP/1140 RPM 0307 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	330.00	330.00
308	1.00	EA	3 HP/3450 RPM 0308 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	330.00	330.00
309	1.00	EA	3 HP/1725 RPM 0309 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	330.00	330.00
310	1.00	EA	3 HP/1140 RPM 0310 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	430.00	430.00
311	1.00	EA	5 HP/3450 RPM 0311 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	430.00	430.00
312	1.00	EA	5 HP/1725 RPM 0312 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	430.00	430.00
313	1.00	EA	5 HP/1140 RPM 0313 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	460.00	460.00
314	1.00	EA	7-1/2 HP/3450 RPM 0314 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,	460.00	460.00
			7-1/2 HP/1725 RPM		



## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
315	1.00	EA	0315 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,  7-1/2 HP/1140 RPM	460.00	460.00
316	1.00	EA	0316 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,  10 HP/3450 RPM	480.00	480.00
317	1.00	EA	0317 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,  10 HP/1725 RPM	480.00	480.00
318	1.00	EA	0318 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,  10 HP/1140 RPM	480.00	480.00
319	1.00	EA	0319 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase  15 HP/3450 RPM	515.00	515.00
320	1.00	EA	0320 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase,  15 HP/1725 RPM	515.00	515.00
321	1.00	EA	0321 - Recondition Price for Complete Motors, 115-230 Volts, Single Phase  15 HP/1140 RPM	515.00	515.00
322	1.00	EA	0322 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase  1/6 HP/3450 RPM	420.00	420.00
323	1.00	EA	0323 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase  1/6 HP/1725 RPM	440.00	440.00
324	1.00	EA	0324 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase  1/6 HP/1140 RPM	580.00	580.00
325	1.00	EA	0325 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	425.00	425.00

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
326	1.00	EA	1/4 HP/3450 RPM 0326 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	450.00	450.00
327	1.00	EA	1/4 HP/1725 RPM 0327 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	600.00	600.00
328	1.00	EA	1/4 HP/1140 RPM 0328 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	450.00	450.00
329	1.00	EA	1/3 HP/3450 RPM 0329 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	470.00	470.00
330	1.00	EA	1/3 HP/1725 RPM 0330 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	605.00	605.00
331	1.00	EA	1/3 HP/1140 RPM 0331 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	455.00	455.00
332	1.00	EA	1/2 HP/3450 RPM 0332 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	475.00	475.00
333	1.00	EA	1/2 HP/1725 RPM 0333 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	610.00	610.00
334	1.00	EA	1/2 HP/1140 RPM 0334 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	475.00	475.00
335	1.00	EA	3/4 HP/3450 RPM 0335 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	495.00	495.00
			3/4 HP/1725 RPM		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
336	1.00	EA	0336 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase  3/4 HP/1140 RPM	615.00	615.00
337	1.00	EA	0337 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase  1 HP/3450 RPM	525.00	525.00
338	1.00	EA	0338 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase  1 HP/1725 RPM	550.00	550.00
339	1.00	EA	0339 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase  1 HP/1140 RPM	620.00	620.00
340	1.00	EA	0340 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase  1-1/2 HP/3450 RPM	550.00	550.00
341	1.00	EA	0341 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase  1-1/2 HP/1725 RPM	570.00	570.00
342	1.00	EA	0342 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase  1-1/2 HP/1140 RPM	670.00	670.00
343	1.00	EA	0343 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase  3 HP/3450 RPM	620.00	620.00
344	1.00	EA	0344 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase  3 HP/1725 RPM	650.00	650.00
345	1.00	EA	0345 - Rewind Price for Complete Motors 115-230 Volts, Single Phase  3 HP/1140 RPM	835.00	835.00
346	1.00	EA	0346 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	725.00	725.00

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
347	1.00	EA	5 HP/3450 RPM 0347 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	770.00	770.00
348	1.00	EA	5 HP/1725 RPM 0348 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	900.00	900.00
349	1.00	EA	5 HP/1140 RPM 0349 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	805.00	805.00
350	1.00	EA	7-1/2 HP/3450 RPM 0350 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	950.00	950.00
351	1.00	EA	7-1/2 HP/1725 RPM 0351 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	1090.00	1090.00
352	1.00	EA	7-1/2 HP/1140 RPM 0352 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	950.00	950.00
353	1.00	EA	10 HP/3450 RPM 0353 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	1050.00	1050.00
354	1.00	EA	10 HP/1725 RPM 0354 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	1225.00	1225.00
355	1.00	EA	10 HP/1140 RPM 0355 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	1150.00	1150.00
356	1.00	EA	15 HP/3450 RPM 0356 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase	1250.00	1250.00
			15 HP/1725 RPM		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
357	1.00	EA	0357 - Rewind Price for Complete Motors, 115-230 Volts, Single Phase  15 HP/1140 RPM	1500.00	1500.00
358	1.00	EA	0358 - Furnish and Install Nameplate	55.00	55.00
359	250.00	HR	0359 - Machinist, with Tools Hourly Labor Rates  The Above Unit Labor Rates shall be listed on Regular Time Basis. Overtime Rate shall be 1.5 Times the Regular Rate in Accordance with Section 7 of the Specifications.  Reference Specifications Section 8, A.	70.00	17500.00
360	1.00	HR	0360 - Welder, with Tools and Materials Hourly Labor Rates  The Above Unit Labor Rates shall be listed on a Regular Time Basis. Overtime Rate shall be 1.5 Times the Regular Rate in Accordance with Section 7 of the Specifications.  Reference Specifications Section 8, A.	75.00	75.00
361	4,000.00	HR	0361 - Electrician Technician Hourly Labor Rates  The Above Unit Labor Rates shall be listed on a Regular Time Basis. Overtime Rate shall be 1.5 Times the Regular Rate in Accordance with Section 7 of the Specifications.  Reference Specifications Section 8, A.	82.50	330000.00
362	2,000.00	HR	0362 - General Labor Hourly Labor Rates  The Above Unit Labor Rates shall be listed on a Regular Time Basis. Overtime Rate shall be 1.5 Times the Regular Rate in Accordance with Section 7 of the Specifications.  Reference Specifications Section 8, A.	50.00	100000.00



## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
363	1.00	HR	0363 - Additional Equipment (as per Section 11)  Cherry Picker with Operator and Fuel	275.00	275.00
364	1.00	HR	0364 - Additional Equipment (as per Section 11)  Bucket Truck with Operator and Fuel	275.00	275.00
365	1.00	LOT	0365 - Parts/Materials for Third Party Invoice  Parts/Materials furnished by the Contractor will only be paid at the Contractor's actual cost and shipping. A copy of the Vendor's Supplier Invoice proving cost must be attached to the Vendor's Invoice Billing JP. Jefferson Parish has the option to furnish the Parts/Materials required to the Contractor.  Note: This item shall not be included in the total Bid price of all items quoted and is to FBE used as a reference to process invoices by Purchasing Division upon the authorization by the Council via the Resolution prepared for the Bid award. The lump sum amount of this item is not given herein. However, this lump sum amount will be indicated in said Resolution.  No quote is required and accordingly designated underline spaces for unit price and the corresponding total shall be left blank.	1.00	1.00
366	1.00	HR	0366 - Machinist with Tools - Overtime Rate of Time and a Half of Hourly Rate  From Item 3020	1.00	1.00
367	1.00	HR	0367 - Welder with Tools - Overtime Rate of Time and a Half of Hourly Rate From  Item 3030	1.00	1.00
368	1.00	HR	0368 - Electrical Technician - Overtime Rate of Time and a Half of Hourly Rate  From Item 3040	1.00	1.00

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
369	1.00	HR	0369 - General Labor - Overtime Rate of Time and a Half of Hourly Rate From  Item 3050	1.00	1.00
370	1.00	DY	0370 - Storage Fee After 10 Day Written Notice of Estimate  Flat Fee of 5.00 dollars per Working Day	5.00	5.00
371	1.00	EA	0371 - TEFC Motor (Special Motor Adder)  A. The Maximum Final Invoice amount for item shall not exceed 10 Percent of the Standafd Motor Base Rewind price.	1.00	1.00
372	1.00	EA	0372 - Explosion Proof Motor (Special Motor Adder)  A. The Maximum Final Invoice amount for item shall not exceed 15 Percent OF the Standard Motor Base Rewind price.	1.00	1.00
373	1.00	EA	0373 - Vertical Motor (Special Motor Adder)  A. The Maximum Final Invoice amount for item shall not exceed 15 Percent of the Standard Motor Base Rewind price.	1.00	1.00
374	1.00	EA	0374 - U Frame (Special Motor Adder)  A. The Maximum Final Invoice amount for item sall not exceed 15 Percent of the Standard Motor Base Rewind Price.	1.00	1.00
375	1.00	EA	0375 - Pre-U Frame (Special Motor Adder)  A. The Maximum Final Invoice amount for item shall not exceed 40 Percent of the Standard Motor Base Rewind Price.	1.00	1.00
376	1.00	EA	0376 - Pump, Gear Motor Plus Pump, Gear Assembly (Special Motor Adder)  A. The Maximum Final Invoice amount for	1.00	1.00

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
377	1.00	EA	<p>item shall not exceed 25 Percent of the Standard Motor Base Rewind price.</p> <p>0377 - Submersible Pump (Complete), Re-Pour Pot - Head When Necessary</p> <p>(Special Motor Adder)</p> <p>A. The Maximum Final Invoice amount for item shall not exceed 30 Percent of the Standard Motor Base Rewind price.</p>	1.00	1.00
378	1.00	EA	<p>0378 - Submersible Pump (Stator W/Housing), Re-Pour Pot Head When Necessary (Special Motor Adder)</p> <p>A. The Maximum Final Invoice amount for item shall not exceed 20 Percent of the Standard Base Rewind price.</p>	1.00	1.00
379	1.00	EA	<p>0379 - Two Speed Motor (Special Motor Adder)</p> <p>A. The Maximum Final Invoice amount for item shall not exceed 50 Percent of the Standard Motor Base Rewind price.</p>	1.00	1.00
380	1.00	EA	<p>0380 - Form Coils (Special Motor Adder)</p> <p>A. The Maximum Final Invoice amount for item shall not exceed 55 Percent of the Standard Motor Base Rewind price.</p>	1.00	1.00
381	1.00	EA	<p>0381 - Epoxy Coil Coating (Special Motor Adder)</p> <p>A. The Maximum Final Invoice amount for item shall not exceed 12 Percent of the Standard Motor Base Rewind price</p>	1.00	1.00
382	1.00	EA	<p>0382 - Epoxy Encapsulation, Formed or Molded (Special Motor Adder)</p> <p>A. The Maximum Final Invoice amount for item shall not exceed 50 Percent of the Standard Motor Base Rewind Price.</p>	1.00	1.00
383	1.00	EA	<p>0383 - Rewind Rotor of Wound Rotor Induction Motor (Special Motor Adder)</p>	1.00	1.00

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127351

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
384	1.00	EA	<p>A. The Maximum Final Invoice amount for item shall not Exceed 80 Percent of the Standard Motor Base Rewind price.</p> <p>0384 - If Motor is T.E.F.C., Vertical and U-Frame (Special Motor Adder)</p>	1.00	1.00
385	1.00	EA	<p>A. The Maximum Final Invoice amount for item shall not exceed 15 Percent of the Standard Motor Base Rewind price.</p> <p>0385 - If Motor is T.E.F.C., and Vertical (Special Motor Adder)</p>	1.00	1.00
386	1.00	EA	<p>A. The Maximum Final Invoice amount for item shall not exceed 15 Percent of the Standard Motor Base Rewind price.</p> <p>0386 - If Motor is Explosion Proof and U-Frame (Special Motor Adder)</p>	1.00	1.00
387	1.00	EA	<p>A. The Maximum Final Invoice amount for item shall not exceed 15 Percent of the Standard Motor Base Rewind price.</p> <p>0387 - Overtime Work (Ea.) (Special Motor Adder)</p> <p>A. Overtime Work associated with Special Motors shall be bid at a Special Hourly Rate with the Maximum Final Invoice amount not exceeding 50 Percent of the Standard Motor Base Rewind Price.</p> <p>Note: One (1) Special Motor item allowed per Motor Repair except for Overtime Item No. 3690 where applicable</p>	1.00	1.00





# AIA Document A310™ – 2010

## Bid Bond

### CONTRACTOR:

(Name, legal status and address)  
A&H Armature Works, Inc.

1330 Westbank Expressway  
Westwego, LA 70094

### OWNER:

(Name, legal status and address)

Jefferson Parish  
200 Derbigny Street  
Gretna, LA 70053

**BOND AMOUNT:** Five Percent (5%) of Total Amount Bid

### SURETY:

(Name, legal status and principal place  
of business)

Merchants National Bonding, Inc.  
P.O. Box 14498  
Des Moines, IA 50306-3498

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

### PROJECT:

(Name, location or address, and Project number, if any)


**Two (2) Year Contract for Electric Motor Repairs for the Jefferson Parish Department of Public Works - Sewerage and All Jefferson Parish Agencies and Municipalities**  
**Bid No. 50-00127351**

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this **22nd** day of **August** **2019**

  
(Witness)

**A&H Armature Works, Inc.**

(Principal)

(Seal)

(Title) President

**Merchants National Bonding, Inc.**

(Surety)

(Seal)

  
(Witness)

(Title) **Mary Catherine Turner, Attorney-in-Fact**

Init.



**MERCHANTS  
BONDING COMPANY™**  
**POWER OF ATTORNEY**

Know All Persons By These Presents, that MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., both being corporations of the State of Iowa (herein collectively called the "Companies") do hereby make, constitute and appoint, individually, Garrett Turner; Mary Catherine Turner; Meghann Turner

their true and lawful Attorney(s)-in-Fact, to sign its name as surety(ies) and to execute, seal and acknowledge any and all bonds, undertakings, contracts and other written instruments in the nature thereof, on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

This Power-of-Attorney is granted and is signed and sealed by facsimile under and by authority of the following By-Laws adopted by the Board of Directors of Merchants Bonding Company (Mutual) on April 23, 2011 and amended August 14, 2015 and adopted by the Board of Directors of Merchants National Bonding, Inc., on October 16, 2015.

"The President, Secretary, Treasurer, or any Assistant Treasurer or any Assistant Secretary or any Vice President shall have power and authority to appoint Attorneys-in-Fact, and to authorize them to execute on behalf of the Company, and attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof."

"The signature of any authorized officer and the seal of the Company may be affixed by facsimile or electronic transmission to any Power of Attorney or Certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually fixed."

In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.

In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner-Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

In Witness Whereof, the Companies have caused this instrument to be signed and sealed this 6th day of April, 2017.

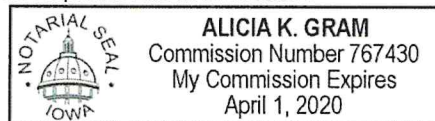


MERCHANTS BONDING COMPANY (MUTUAL)  
MERCHANTS NATIONAL BONDING, INC.

By *Larry Taylor*  
President

STATE OF IOWA  
COUNTY OF DALLAS ss.

On this this 6th day of April, 2017, before me appeared Larry Taylor, to me personally known, who being by me duly sworn did say that he is President of MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC.; and that the seals affixed to the foregoing instrument are the Corporate Seals of the Companies; and that the said instrument was signed and sealed in behalf of the Companies by authority of their respective Boards of Directors.



*Alicia K. Gram*  
Notary Public

(Expiration of notary's commission  
does not invalidate this instrument)

I, William Warner, Jr., Secretary of MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., do hereby certify that the above and foregoing is a true and correct copy of the POWER-OF-ATTORNEY executed by said Companies, which is still in full force and effect and has not been amended or revoked.

In Witness Whereof, I have hereunto set my hand and affixed the seal of the Companies on this 22nd day of August, 2019.



*William Warner Jr.*  
Secretary

# Request for Taxpayer Identification Number and Certification

► Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.

Give Form to the  
requester. Do not  
send to the IRS.

Print or type.  
See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. <b>A &amp; H ARMATURE WORKS, INC.</b>	
2 Business name/disregarded entity name, if different from above	
3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input checked="" type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) ►	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ (Applies to accounts maintained outside the U.S.)
5 Address (number, street, and apt. or suite no.) See instructions. <b>1330 Westbank Expressway</b>	Requester's name and address (optional)
6 City, state, and ZIP code <b>Westwego, LA 70094</b>	
7 List account number(s) here (optional)	

## Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the Instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number								
			-				-	
or								
Employer identification number								
7	2		-	0	6	2	7	5
								0
								2

## Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign  
Here

Signature of  
U.S. person ►

Date ► **8-22-19**

## General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9).

## Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
  - Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
  - Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
  - Form 1099-S (proceeds from real estate transactions)
  - Form 1099-K (merchant card and third party network transactions)
  - Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
  - Form 1099-C (canceled debt)
  - Form 1099-A (acquisition or abandonment of secured property)
- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding*, later.





# SECRETARY OF STATE

(<https://www.sos.la.gov/Pages/default.aspx>)

## Search for Louisiana Business Filings

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### Name

A & H ARMATURE WORKS, INC.

### Type

Business Corporation

### City

WESTWEGO

### Status

Active

### Previous Names

A. & H. ELECTRIC COMPANY, INC. (Changed: 2/1/1980)

Business: A & H ARMATURE WORKS, INC.

Charter Number: 27212200D

Registration Date: 12/13/1965

### Domicile Address

1330 WESTBANK EXPRESSWAY  
WESTWEGO, LA 70094

### Mailing Address

P.O. BOX 310  
WESTWEGO, LA 700960310

### Principal Office Address

1330 WESTBANK EXPRESSWAY  
WESTWEGO, LA 70094

### Status

Status: Active

Annual Report Status: In Good Standing

File Date: 12/13/1965

Last Report Filed: 1/14/2019

Type: Business Corporation

### Registered Agent(s)

Agent: GARY W. BIZAL  
Address 1: 639 LOYOLA AVE., SUITE 1820  
City, State, Zip: NEW ORLEANS, LA 70113  
Appointment Date: 12/6/1996

### Officer(s)

Additional Officers: No

GET HELP

<b>Officer:</b>	HARRY J. ATWOOD
<b>Title:</b>	Secretary/Treasurer
<b>Address 1:</b>	1330 WESTBANK EXPRESSWAY
<b>City, State, Zip:</b>	WESTWEGO, LA 70094
<b>Officer:</b>	SCOTT J. ATWOOD
<b>Title:</b>	President
<b>Address 1:</b>	1330 WESTBANK EXPRESSWAY
<b>City, State, Zip:</b>	WESTWEGO, LA 70094

**Amendments on File (14)**

<b>Description</b>	<b>Date</b>
Amendment	6/17/1970
Domicile, Agent Change or Resign of Agent	3/30/1972
Domicile, Agent Change or Resign of Agent	10/26/1978
Name Change	2/1/1980
Domicile, Agent Change or Resign of Agent	8/7/1981
Revoked	5/13/1982
Reinstatement	9/7/1982
Appointing, Change, or Resign of Officer	9/26/1984
Domicile, Agent Change or Resign of Agent	4/29/1987
Domicile, Agent Change or Resign of Agent	5/11/1987

1 2

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GET HELP

## **CORPORATE RESOLUTION**

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF  
A & H ARMATURE WORKS, INC  
INCORPORATED.

AT THE MEETING OF DIRECTORS OF A & H ARMATURE WORKS, INC  
INCORPORATED, DULY NOTICED AND HELD ON AUGUST 6, 2019,  
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT  
WAS:

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

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

  
\_\_\_\_\_  
SECRETARY-TREASURER

AUGUST 6, 2019  
\_\_\_\_\_  
DATE



**Non-Public Works Bid**

**AFFIDAVIT**

**STATE OF** LOUISIANA

**PARISH/COUNTY OF** JEFFERSON

BEFORE ME, the undersigned authority, personally came and appeared: \_\_\_\_\_

HARRY J ATWOOD, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized SECRETARY/TREASURER of A&H ARMATURE WORKS, INC the party who submitted a bid in response to Bid Number 50-00127351 to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

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

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

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

Debt Disclosures

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

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


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

Affiant further said:

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

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

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

  
Signature of Affiant

HARRY J ATWOOD  
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME  
ON THE 16<sup>TH</sup> DAY OF August, 2019.

  
Notary Public

Printed Name of Notary F. JOSEPH DROLLA, JR.  
Notary Public  
Attorney At Law (LBA #5083)  
Parishes of Jefferson & Orleans  
Notary/Bar Roll Number State of Louisiana  
My commission is issued For Life.

My commission expires \_\_\_\_\_.

Print

## Notary Search - Detail

**Name:** MR. F. JOSEPH DROLLA JR.  
**Address:** 212 VETERANS MEM. BLVD., SUITE 201  
METAIRIE, LA 70005  
**Phone:** (504) 831-2607  
**Notary ID Number:** 22096  
**Parish:** ORLEANS with STATEWIDE JURISDICTION  
**Agency:** N/A  
**Notary Type:** Attorney  
**Bar Roll #:** 5083  
**Status:** Active  
**Commission Date:** 09/06/1990  
**Oath Date:** 08/27/1990  
**Surety Expiration Date:** Not Required  
**Annual Report Current:** Not Applicable

## Notary Events

<b>Parish Change</b>	Previous Parish: ST. TAMMANY	Previous Commission Date: 12/17/1981
<b>Parish Change</b>	Previous Parish: JEFFERSON	Previous Commission Date: 09/06/1990

Deceased, Inactivated, Leave of Absence, Pre-Assessment Registration, Pre-Assessment Taken, Resigned, Retirement, and Revoked events are not available prior to February 11, 2012.

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# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

08/23/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Riverlands Insurance Services Inc. 492 West 5th Street LaPlace LA 70068		<b>CONTACT NAME:</b> Crystal Leonard <b>PHONE (A/C, No, Ext):</b> (985) 652-5505 <b>E-MAIL ADDRESS:</b> cleonard@rivins.com <b>FAX (A/C, No):</b> (985) 652-4039												
<b>INSURED</b> A & H Armature Works, Inc P O Box 310 Westwego LA 70096		<b>INSURER(S) AFFORDING COVERAGE</b> <table><tr><td>INSURER A:</td><td>Allianz Global Corporate &amp; Specialty</td></tr><tr><td>INSURER B:</td><td>Travelers Indemnity Co of Conn</td></tr><tr><td>INSURER C:</td><td>Endurance American Specialty Ins Co</td></tr><tr><td>INSURER D:</td><td>Amerisafe Insurance Company</td></tr><tr><td>INSURER E:</td><td></td></tr><tr><td>INSURER F:</td><td></td></tr></table>	INSURER A:	Allianz Global Corporate & Specialty	INSURER B:	Travelers Indemnity Co of Conn	INSURER C:	Endurance American Specialty Ins Co	INSURER D:	Amerisafe Insurance Company	INSURER E:		INSURER F:	
INSURER A:	Allianz Global Corporate & Specialty													
INSURER B:	Travelers Indemnity Co of Conn													
INSURER C:	Endurance American Specialty Ins Co													
INSURER D:	Amerisafe Insurance Company													
INSURER E:														
INSURER F:														

COVERAGES		CERTIFICATE NUMBER: 18-18		REVISION NUMBER:			
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.							
INSR LTR	TYPE OF INSURANCE	ADD'L SUBR INSD / WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Bikt Waiver of Subrogation & Bikt <input checked="" type="checkbox"/> Add'l Insured As Req by Contract GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input checked="" type="checkbox"/> OTHER: Action Over Indemnity	Y	Y	GCM23800	08/31/2018	08/31/2019	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 1,000,000 Pollution Buy-Back \$ 72Hr/30 Days
	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> Bikt WOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> Bikt Add'l Ins	Y	Y	BA-4H779724-18-SEL	08/31/2018	08/31/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB DED RETENTION \$			GCM23801	08/31/2018	08/31/2019	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	SVWCLA2728862018	08/31/2018	08/31/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER Bikt WOS, USL & H E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	Maritime Liability- With TWM&C, OCS.		Y	SVWCLA2728862018	08/31/2018	08/31/2019	Limit 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Add'l Insured & WOS is hereby granted to the cert. holder with respect to the General Liability & Auto Liability as required by written contract. A WOS is granted under the WC. 10 day notice of cancellation is for non - payment of prem. Rescution No. 129378  
Cert Holder-The Parish of Jefferson Its Districts, Dept & Agencies under the direction of Parish Pres.&Parish Council-Engineering Dept

## CERTIFICATE HOLDER

The Parish of Jefferson Its Districts, De  
Agencies under the direction of Parish Pr  
Parish Council- Engineering Dept  
1221 Elmwood Park Blvd,  
Suite 802  
Jefferson, LA 70123

## CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

*Dollar*



**Jefferson Parish**  
Inspection and Code Enforcement  
Regulatory Inspection's Division

**Active Electrical # 000505**

This is to certify that **HARRY ATWOOD**  
having qualified in accordance with Jefferson Parish Ordinances is hereby granted  
authorization to engage in the above field as authorized by law.

Issue Date: 1/15/2019

Expiration Date: 12/31/2019



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Electrical Section Chief

**THIS LICENSE IS NOT TRANSFERABLE**



**CENTRALBIDDING**  
FROM CENTRAL AUCTION HOUSE

**5000127351 ELECTRIC MOTOR REPAIRS TWO (2) YEAR CONTRACT**  
Jefferson Parish Government

Project documents obtained from [www.CentralBidding.com](http://www.CentralBidding.com)

07-Aug-2019 01:55:56 PM



# JEFFERSON PARISH

Department of Purchasing

**Michael S. Yenni**  
Parish President

**Renny Simno**  
Director

**June 2019**

## CHANGES TO JEFFERSON PARISH BIDDING PROCEDURES

The Jefferson Parish Purchasing Department would like to make vendors aware of the following changes:

**DEDUCTIBLES:** The Parish Attorney with concurrence of the Director of Risk Management have waived the deductible section of the Terms and Conditions for all Invitations to Bid, until further notice.

**PROTESTS:** Only those vendors that submit bids in response to a 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.)

Please contact the Jefferson Parish Purchasing Department at 504-364-2678 if you have any questions or need assistance.

## **Non-Public Works Bid Affidavit Instructions**

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

*Instruction sheet may be omitted when submitting the affidavit*



## **STANDARD INSURANCE REQUIREMENTS FOR BIDDING PURPOSES**

All required insurance under this bid shall conform to Jefferson Parish Resolution No. 113646 or No. 113647, as applicable. Contractors may not commence any work under any ensuing contract unless and until all required insurance and associated evidentiary requirements thereto have been met, along with any additional specifications contained in the **Invitation to Bid**. Except as where otherwise precluded by law, the Parish Attorney or his designee, with the concurrence of the Director of Risk Management or his designee, may agree on a case-by-case basis, to deviate from Jefferson Parish's standard insurance requirements, as provided in this Section. Vendors requesting deviation therefrom shall submit such requests in writing, along with compelling substantiation, to the Purchasing Department prior to the bid's due date. Any changes to the insurance requirements will be reflected in the bid specifications and addenda. Prior to contract execution and at all times thereafter during the term of such contract, contractors must provide and continuously maintain all coverages as required by the foregoing Resolutions, and the contract documents. Failure to do so shall be grounds for suspension, discontinuation or termination of the contract.

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For bidding purposes, bidders must submit with bid submission a current (valid) insurance certificate evidencing the required coverages. Failure to comply will cause bid to be rejected. The current insurance certificate will be used for proof of insurance at time of evaluation. Thereafter, and prior to contract execution, the low bidder will be required to provide final insurance certificates to the Parish which shall name **the Jefferson Parish, its Districts Departments and Agencies under the direction of the Parish President and the Parish Council** as additional insureds regarding negligence by the contractor for the Commercial General Liability, Workmen's Compensation Insurance and the Comprehensive Automobile Liability policies. Additionally, said certificates should reflect the name of the Parish Department receiving goods and services and reference the respective Jefferson Parish bid number.

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### **JEFFERSON PARISH REQUIRED STANDARD INSURANCE**

#### ☐ **WORKER'S COMPENSATION INSURANCE**

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

**Note:** If your company is not required by law to carry workmen's compensation insurance, i.e. not a Louisiana company, sole employee of the company, then bidders must request a workmen's compensation insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy 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.

☐ **COMMERCIAL GENERAL LIABILITY**

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

☐ **COMPREHENSIVE AUTOMOBILE LIABILITY**

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

**Note:** This category may be omitted if bidders do not/will not utilize company vehicles for the project or do not possess company vehicles. Bidder must request an automobile insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. 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.

**DEDUCTIBLES** - The Parish Attorney with concurrence of the Director of Risk Management have waived the deductible section of the Terms and Conditions for all Invitations to Bid, until further notice.

**UMBRELLA LIABILITY COVERAGE**

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

**FOR CONSTRUCTION AND RENOVATION PROJECTS:**

The following are required unless otherwise specified in the bid. Such insurance is due upon contract execution.

1) **OWNER'S PROTECTIVE LIABILITY**

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

2) **BUILDER'S RISK INSURANCE**

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

## SPECIFICATIONS AND PROPOSAL GUIDE FOR ELECTRIC MOTOR REPAIRS

A TWO (2) YEAR CONTRACT FOR ELECTRIC MOTOR REPAIRS FOR THE  
JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS - SEWERAGE AND ALL JEFFERSON PARISH  
AGENCIES AND MUNICIPALITIES

### 1. SCOPE

This specification sets forth the requirements for inspection, testing, reconditioning, rewinding and related repair work of and for electric motors for all departments of Jefferson Parish.

### 2. GENERAL CONDITIONS AND REQUIREMENTS

Firm bids are requested from qualified electric motor repair service contractors who are Underwriters Laboratories (UL) listed and who are competent with the electrical, mechanical and physical make up and operation of electric motors as may be required on motors owned by Jefferson Parish.

A performance bond in the amount of \$100,000.00 is required.

A payment bond in the amount of \$100,000.00 is required.

The terms and conditions of resolution 113646, 12/9/2009, will be considered a part of the bid whether attached or not. A copy may be obtained from the office of the Parish Clerk, General Government Building, Suite 6700, Gretna, Louisiana 70053.

All prices quoted shall encompass pick-up and delivery of motors from the East and West Bank warehouses, except as noted in Section 11. Quotes shall also include the Estimate of Repair, all

necessary repairs as needed, and the preparation of all necessary repair and transmittal report forms as attached herewith.

The regular Jefferson Parish work day schedule shall be from 7:00 A.M. to 5:00 P.M., Monday through Friday. All work performed during the time period shall be performed on a straight time basis. Overtime 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. Authorization for overtime work shall be obtained by procedures established in Section 7.

Contractors should be aware that adherence to this specification at the time of bid opening is necessary, and that future changes in repair procedures and/or facilities will not be accepted in lieu of compliance at the time of bid opening.

Under no circumstances should contractors assume that there will be the opportunity for multiple motor repairs in a given H.P. / R.P.M. range. Such multiple repairs in a given H.P. / R.P.M. range cannot be anticipated or predicted and therefore any bid price discounts for such multiple motor repairs are not allowed nor acceptable. This is a unit price contract.

The cost of a motor repair shall be paid at the unit price of a listed motor in the nearest HP and RPM range.

Contractor must be able to respond to any request and be on site within one hour of said request.

### 3. WARRANTY AND PERFORMANCE BOND

The contractor shall warrant that all work performed under this contract shall be performed in a good and workmanlike manner, that all materials furnished shall be of good merchantable quality and that the contractor's performance shall be free of defects. All repair work shall be guaranteed for a period of one year from date of completion of repair. Any failure during the

warranty period resulting from defective material and/or poor workmanship shall be repaired at the expense of the contractor, F.O.B. Jefferson Parish's facility.

4. AUDIT OF CONTRACT

Jefferson Parish, its employees, and/or its appointees reserve the right to audit the contractor's books at any time during the contract period for any matters relating to contractor's billing for payment by Jefferson Parish. Additionally, contractor agrees to maintain such books and records for a period of three years from the date such costs were incurred by Jefferson Parish and to make those books and records available to Jefferson Parish at any reasonable time within the three year period.

5. TERMINATION AND BREACH OF CONTRACT

This section is in addition to any other termination rights in the bid or resolution No. 113646

Should the contractor breach any provision of this contract, Jefferson Parish reserves the right to notify the contractor of the deficiency or deficiencies in writing and contractor shall be given the opportunity to correct such deficiency or deficiencies within the time constraints as per Section 6. Time for performance under this provision shall begin upon certified mail notification. After notification of deficient performance, Jefferson Parish reserves the right to cancel this contract. Notice of contract cancellation shall be given to the contractor in writing. Jefferson Parish shall have the right to cease forwarding motors to the contractor for repair, and remove all motors currently in the contractor's possession at that time. The failure of Jefferson Parish to assert a breach of contract for the failure of the contractor to perform at any time shall not be construed to be a waiver of Jefferson Parish's rights hereunder.

6. REPAIR COMPLETION TIME AND LIQUIDATED DAMAGES

All motor repairs shall be completed within the following time periods subject to the provisions of Section 11:

Recondition:

1/2 H.P. — 75 H.P.      4 working days

100 H.P. and up      5 working days

Rewind:

1/2 H.P. — 75 H.P      5 working days

100 H.P. and up 6 working days

For coil wound motors 10 working days

Contractor assumes all responsibility to ensure that repairs are completed within the above time periods. Any deviation shall be explained by the contractor in writing and attached to the billing invoice. Failure on the part of the contractor to provide justification for delay as well as poor explanation for delay, as determined by Jefferson Parish shall result in actions as outlined in Section 5.

Liquidated Damages will be assessed against the billing invoice in the amount of fifty dollars (\$50.00) per day for each and every working day beyond the repair completion times as listed above for unjustified delays in the completion on repairs.

7. OVERTIME

In the event of overtime, emergency, repairs are required, the contractor will be required 24 hours/day, seven days a week to repair the motor.

Overtime repair work shall be authorized in the event of severe weather conditions, threats to continuity of public utility service or other extraordinary circumstances as deemed necessary by Jefferson Parish. Under no circumstance shall the contractor assume overtime work without written authorization as indicated on the Electric Motor Repair Request Form, page 202, or



verbal authorization by a representative of Jefferson Parish. Verbal authorization shall be noted on the Electronic Motor Repair Data Sheet, page 201, and attached to the contractor's billing invoice.

Overtime rate shall be paid in accordance with the percentage adder as indicated in Section 23 if the additional specs. The percentage of base rewind or recondition price shall be paid to the contractor for work performed during the normal business hours as well as Jefferson Parish legal holidays, weekdays, or before or after normal business hours in order to expedite repair work for justifiable reasons as noted previously. However, overtime labor rates shall be paid only for actual hours worked on holidays, weekends, or before or after normal business hours. The contractor assumes the responsibility to document overtime labor hours by submitting a copy of the relevant employee's shop time card, complete with the date and the employee's job title, as evidence of overtime. This documentation shall be attached to the contractor's billing invoice for payment by Jefferson Parish.

Under no circumstances will the contractor be paid overtime rates for the acquisition or procurement of repair materials.

#### 8. SUBCONTRACTORS

The contractor may complete his bid by the utilization of subcontractors; however no payment will be made by Jefferson Parish to the subcontractor for any work performed under the terms of this contract. The contractor assumes all responsibility for the work performed by his subcontractors. The cost of any incidental drayage between the contractor and his subcontractor shall be absorbed by the unit bid prices and the time required therefore will not be considered as work time for payment. Under the terms of this contract, subcontractor effort shall be limited to a maximum of thirty percent (30%) of total work performed. Additionally, all subcontract work shall be governed by all provisions of this contract.

Special circumstance: in the rare event that frame restacking becomes necessary as confirmed by the contractor, Jefferson Parish Inspector, and as evidenced by a core loss repair, then Jefferson Parish will direct the contractor to subcontract such restacking repair work to a third party invoice. Inspection requirements for frame restacking subcontractors will be the same as those required elsewhere in this specification.

## 9. ESTIMATE OF REPAIR

Under the terms of this contract, contractor shall provide a written estimate of repairs for all motors which are sent to him. These estimates will be used as an input to Jefferson Parish's financial management system as well as to determine the economic feasibility of repairing a particular motor. A copy of this Motor Repair Estimate is attached herein, page 203. If the decision not to repair the motor is made, Jefferson Parish reserves the option to retain motors deemed not repairable. If the motor is to be repaired, the contractor will be paid according to his base unit repairs price for rewind or recondition. There will be no payment made to the contractor for the preparation and submittal of estimates.

Storage fees- the contractor will be allowed to charge storage fees for motors which have a written estimate of repair, page 203. The relevant departmental personnel have been contracted but authorization has not been given to repair the motor. Said charges shall begin ten working days after date of estimate. Storage fees will be five dollars per working day and will be added to the contractors billing invoice as stated in line item no. 0370.

Estimates shall be prepared utilizing the unit price of a motor in the nearest HP and RPM range.

### 9.5 ESTIMATE OF REPAIR (WARRANTY)

Should a warranty repair request be necessary, the contractor will be required to provide a written estimate for repairs, documenting the nature of the failure and what will be done to remedy the failure. Additionally, the contractor must contact the relevant departmental personnel to arrange a meeting to discuss repairs prior to any work being done.

## 10. PAYMENTS TO CONTRACTORS

The contractor shall submit all invoices to the Jefferson Parish Engineering Department, c/o Contract Administrator, 1221 Elmwood Park Blvd., Suite 801, Harahan, LA 70123. 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 either on the invoice received or by the submission of a new invoice by the contractor, whichever is agreeable to both Jefferson Parish and the contractor. All invoices shall contain the following:

- A. Contractor's invoice in triplicate
- B. Contractor's dray ticket
- C. Electric Motor Repair Request Form
- D. Electric Motor Data Sheet, completed in its entirety, signed by the contractor and Jefferson Parish inspector or superintendent
- E. Motor Repair Estimate Sheet
- F. Electric Motor Data Sheet and Mechanical Data sheet, pages 204 and 205, are to be completed whenever tests are indicated, specified, or performed
- G. Valid material invoices from third parties with verifiable tracking numbers for audit purposes, supply vendors, subcontractors, UL charges
- H. Copy of employee's time card, for overtime labor verification
- I. Service call time sheet or sheets for labor at field locations. The time sheet or sheets shall be signed by the appropriate Jefferson Parish authority for each contractor's employee for each day or partial day's work at each location. Multiple employee and/or multiple day sheets will not be allowed for payment.

Invoices which 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 complete and accepted work shall be submitted within or before thirty days from date of delivery or pick-up. There will be no partial payments made to the contractor for work in progress. Payment terms shall be net 60 days.

## 11. TRANSPORTATION

Contractor shall pick up motors from and deliver motors to the east and west bank warehouses. The pickup time shall be within four working hours from the time of notification. See Section 2

for normal working hours. The contractor shall be paid labor time for removal, pickup, delivery, and installation of large motors requiring lifting equipment at the field location of the motor in accordance with hourly rates quoted by the contractor in Bid Item Numbers 0359 and 0362. Additionally, contractor shall list equipment rental rates necessary to remove and install large motors in the field, Bid Item Numbers 0363 and 0364. All equipment not listed which is utilized by the contractor shall be paid at the contractor's actual rental cost as a third party invoice. In the event of emergency, overtime, or for convenience, Jefferson Parish personnel may deliver and/or pick up motors at contractor's repair facility.

## 12. INSPECTION

Jefferson Parish personnel, or their appointee, reserve the right to visit contractor's repair facility, without notice, to inspect any motor repair process in progress, at any time, during normal business hours or after hours, overtime repairs only, for the duration of the contract.

A Jefferson Parish Inspector will be visiting the contractor's shop on a regular basis to monitor work in progress on Jefferson Parish motors and to sign off on the Motor Repair Data Sheet, page 201, upon completion of repairs.

## 13. REPAIR VERIFICATION

Jefferson Parish reserves the right to appoint an independent motor repair shop to disassemble and verify that repairs performed by the contractor were done in proper fashion. At such time, the contractor, or his representative, shall have the opportunity to be present for such verification. Upon examination of discrepancies between the work which was claimed by the contractor to have been done, based on the information contained on the Electric Motor Data Sheet, and actual findings will be dealt with as outlined in Section 5.

## 14. REPAIR DOCUMENTATION AND TRANSMITTAL FORMS

The following forms/reports shall be completed as requested and/or needed in order to facilitate smooth and orderly work progression:

- A. Electric Motor Repair Request Form, page 202: to be completed by Jefferson Parish personnel, warehouse personnel or department superintendent, Section 15, at the time of motor failure. Contractor shall not begin repair of any motor until he has this request form in his possession.
- B. Motor Repair Estimate Sheet, page 201: to be completed by the contractor in accordance with Section 9. Upon completion, contractor shall contact either the respective warehouse or superintendent listed in section 15 for authority to proceed with repair or not to repair the motor.
- C. Electric Motor Data Sheet, page 201: to be completed and signed by the contractor and Jefferson Parish Inspector upon completion of repairs. One copy is to be returned with the repaired motor and a second copy is to be attached to the contractor's billing invoice.
- D. Electric Motor Data Sheet and Mechanical Data Sheet, page 204 and 205: are to be completed whenever tests are indicated, specified or performed to verify that these tests have been performed. Additionally, the contract administrator may require the signature of the Jefferson Parish Inspector for verification purposes.
- E. Contractor's dray ticket: to be filled out by the contractor for his own use within his shop, with one copy attached to his billing invoice with acceptance signature of Jefferson Parish's representative.

#### 15. CONTACT PERSONNEL

After contract award, the successful contractor will be given a list of contact personnel for the various departments within Jefferson Parish who will utilize this contract.

The contractor must appoint at least one contact person who will interface with Jefferson Parish personnel and who must be familiar with all aspects of this contract, including repair procedures, status of motors being repaired, paperwork submittals, and invoice billing. The contact person must be available at all times during normal business hours, as well as be able to be contacted for emergency situations after hours.



After contract award, contractor shall submit the name or names of their contact person or persons. Information submitted must include phone numbers, fax numbers, and e-mail addresses.

#### 16. FACILITIES

The following equipment shall be available and properly maintained by the contractor or subcontractor, if used, in accordance with Section 8.

- A. Test facilities for 4160 voltage
- B. Two tank VPI system, vacuum pressure impregnation, for varnish resin systems only. For contractors utilizing DIP tank impregnating resin systems as manufactured by Epoxylite, Esterlite number 605, technical service bulletin number 605 shall be followed. Other manufacturer's product and procedures shall be on an approved equal basis. Both systems shall be capable of P to A 1000 H.P. motor.
- C. Electronic static and dynamic balancing equipment to accommodate motor size up to 700 H.P.
- D. Machinery for rebabbiting bearings
- E. Burning oven capable of maintaining constant burning temperature up to 800 degrees Fahrenheit max. Oven shall be equipped with water quenching device to prevent temperature runaway.
- F. Baking oven to accommodate motors up to 1000 H.P.
- G. Adequate Hi-Pot facility, surge tester, and core loss tester
- H. An FFT, Fast Fournier Transform, type vibration analyzer with 400 lines of resolution or greater and a frequency range of 0.4 x running speed to 2000 HZ the transducer shall be either the velocity type or the accelerometer type with a magnetic mount, hand held pickups are not acceptable.

#### 17. REPAIR MATERIALS

Repair materials which are used on the job shall be paid at the contractor's wholesale unit cost without mark up or increase. These third party invoices shall be attached to the contractor's billing invoice for payment. Materials approved for payment are items such as bearings, seals, in-line splice kits, gaskets, heater strips, etc. Items which will not be allowed for payment are shop supplies common to many motors such as O- Rings, glue, tape, nuts, bolts, oil, etc. This contract is a labor intensive type contract, therefore, contractor's should consider all matters of labor and overhead and build his or her necessary profit into his or her prices for rewinding and reconditioning of motors.

All repair materials used to replace worn or damaged parts shall be new, i.e. not used, and be of equal or better quality as original parts.

Jefferson Parish reserves the right to supply repair materials to the contractor when it is deemed to be in the best interest of Jefferson Parish.

All worn and damaged parts, including bearings, which are replaced shall be tagged and returned with the repaired motor and also be listed on the billing invoice as having been returned. If the contractor does not return the replaced parts, including bearings, he will not be paid for the replacement parts.

Additionally, the contractor agrees to tag and store the crown of every rewind job in a suitable location on his or her premises for 13 months from date of the invoice and allow Jefferson Parish employees or their appointees' access to these crowns. After this time period has expired, the crowns become the property of the contractor.

#### 18. MOTOR RECONDITIONING

##### General:

Motor reconditioning, see Section 24 for percentage of rewind prices, shall be performed in accordance with the relevant manufacturer's specifications and procedures for each and every motor unless otherwise specified. Reconditioning shall include but not necessarily be limited to disassembly, cleaning, mechanical and electrical inspection, varnish treating windings, baking, replace bearings if necessary, check balancing, check coupling, greasing, assembly, testing and painting.

In the case of UL listed motors, the contractor shall contact relevant department for instructions as to whether or not to repair the motor in accordance with UL procedures. Jefferson Parish will pay to the contractor all usual and customary UL charges for inspection services.

Motor Preliminary Inspection and Testing:

Visually inspect all components, test stator for core loss, report stator damage and any core loss greater than 10 percent of original design.

The insulation resistance of all windings shall be measured and recorded as follows:

Use a 500 volt insulation resistance tester, megger for all 480 volt motors, and measure this insulation resistance turn to ground.

Rotor Reconditioning:

Steam clean, and dry by heating in oven.

If the rotor core laminations are found damaged, loose and/or shorted, they shall be repaired. Minor repair shall consist of separating the lamination and filling with mica and a class H varnish, etching, and hand filing. Major damage may require restacking of lamination. Hot spots shall be repaired. The hot spot temperature shall not be allowed to exceed 10 degrees Celsius above the average temperature.

Visually inspect for damage to air fans. If any exists, repair prior to varnishing the rotor.

Check rotor bars and resistance rings, for cage rotors, for open circuit by either a growler or a sonic test. Rotor bar movement, if minimal, shall be corrected by giving the rotor a bonding resin treatment and curing. Glass banding will also be considered for restricting bar movement.

At the conclusion of repairs, a dye penetrate shall be used over the short circuiting ring to inspect for cracked bars.

Additional repairs, if required, shall be done prior to the rotor being sprayed with a coat of an air drying varnish. If openings are found in an aluminum cast rotor, the rotor shall be replaced.

Collector rings shall be examined for pitting, roundness and burning. Perform repairs, if required, otherwise polish the rings by strapping. Do not use emery paper.

The end ring connections to the rotor bars must be of such quality that uniform resistance and continuity is maintained.

#### Stator Reconditioning:

The acceptable values for insulation resistance to ground are shown below:

Motor Voltage in Volts AC	Test Voltage in Volts DC	Resistance (1 min.) in Megohms
480	500	15
2300	2500	25
4160	5000	50

If the megger readings obtained from the stator are higher than the above minimum values and the polarization index (P.I.) is greater than 2, Hi-Pot test the winding to ground at 0.6 (2E plus 1000) volts AC for one minute.

Note: whenever a stator alone is to be high-potted prior to assembling the motor, the test shall be done either with the end windings wrapped with aluminum foil and the foil grounded.

Perform a three phase balance test at about one-fifth rated voltage. Line currents should balance within 2-5 percent (depending on the motor size).

Steam clean to remove oil, grease, salt, and other unwanted deposits from windings. Do not pressure wash.

Dry the windings by heating it in an oven for 4-6 hours at about 200 degrees Fahrenheit. Visually inspect for signs of physical damage and/or deterioration to the winding, core lamination and other abnormalities. Inspect all machine and mating surfaces to make sure they are free of nicks, burrs, and all other foreign material.

Core lamination damage or shorts, if any exist, can be repaired either by etching, hand filing or separating lamination and filling the interspace with mica and a class H insulating varnish. Major damage may require restacking/replacing the lamination. A core test shall invariably be performed on all motors. A core loss in excess of ten percent shall be reported on the Motor Repair Estimate Sheet (page 203) and Motor Repair Data Sheet (page 201). Hot spot temperature shall not be allowed to exceed 10 degrees Celsius above the average core temperature.

All broken ties, blocks and wedges shall be replaced. The loose blocks and wedges shall be tightened using an approved adhesive with a filler material or replaced in kind.

Inspect and clean ventilation passages.



Inspect the terminal leads for damage.

Deterioration and/or burning. All leads shall be marked in accordance with NEMA standard and be G.E. Vulcanfler number 1 or equal. Leads shall be a minimum of one foot long of stranded copper cable and shall be sufficient durability to withstand moist environment.

Connectors shall be inspected for damage and/or burning signs. The damaged and/or burnt connectors shall be replaced with those having the following characteristics:

Suitable for either aluminum and/or copper cables

Suitable for compression filled with Penetrox in their barrels. Solder type connectors shall not be used.

Have two holes in the tongue area.

Have inside diameter of the barrel equal to outside diameter of the lead.

Nicks and burrs from the machined surfaces shall be removed by carefully filing them. All the rust shall be removed from the motor body either by sanding, using an approved solvent or strapping.

Heaters and their wiring shall be checked for proper insulation level (a few megohms at 500 volt megger), tight connections and open circuiting of the heaters. Repair if damage or deterioration is present.

After the above work has been completed, treat the motor with a coat of baking type H varnish or class H impregnating resin as manufactured by Epoxylite (Esterlite number 605) as outlined in Epoxylite's technical bulletin number 605 or approved equal.

Retest the insulation resistance to ground together with P.I. test for the minimum acceptable values as listed previously.

If satisfactory values are attainable, perform a hi-pot test on assembled motor for one minute at 0.6 (2E plus 1000) volt AC and record the leakage currents. The hi-pot test on the assembled motor is required to ascertain the insulation was not damaged during the assembly.

If there is no significant insulation resistance improvement and if the reading remains less than the minimum values then the stator shall be rewound (see Section 19).

## 19. MOTOR REWINDING

### General:

Motor rewinding shall be performed in accordance with the relevant manufacturer's specifications and procedures for each and every motor unless otherwise specified. Rewinding shall include but not necessarily be limited to disassembly, cleaning, removal of old windings, mechanical and electrical inspection, rewinding with class H insulation, one dip and bake for 75 H.P. and smaller V.P.I. dip and bake for 100 H.P. and larger followed by a second dip and bake (including all form coil wound motors), machine work (if necessary) and other parts, greasing, new leads (included in rewinding price), assembly, testing and painting.

Nameplate: In the event of winding change, the original nameplate will remain on the motor and a new nameplate mounted adjacent to the original nameplate with the words REDESIGNED or CHANGED and then the new characteristics are to be stamped fully and completely on the new nameplate.

This new nameplate should also state the name of the company who originated or engineered the new characteristics.

In the event that a motor received by the contractor without a nameplate or with a nameplate with data which is not easily readable, then the contractor must replace said nameplate in accordance with the manufacturer's specifications and Bid Item 0358.

Nameplate data must reflect the motor characteristics as repaired, performed and delivered by the contractor and as reflected by the billing invoice and relevant documentation.

In the case of a UL listed motor, the contractor shall contact relevant department for instructions as to or not to repair the motor in accordance with UL procedures. Jefferson Parish will pay all usual and customary UL charges for inspection services. The existing winding shall be completely removed in such a manner that no damage is done to the laminations or frame and without impairing the magnetic characteristics of the core. No torches, chemical strippers, or burners that utilize a direct flame on the stator shall be used. Burning must be done in a temperature controlled oven capable of maintaining constant burning temperature at no more than 800 degrees Fahrenheit.

The crown of the winding shall be cut for every rewind job and be tagged and stored in a suitable location for the warranty period.

The interior, exterior, and all parts of the motor made of cast iron or steel shall be thoroughly cleaned and sandblasted to white metal prior to rewinding.

All materials used shall be new and of first grade quality. Conductor shall be of the same size as the original or an equivalent cross sectional area which will not increase the current density. Copper materials shall be the only materials used for rewinding and shall be Phelps Dodge Hapt or approved equal. Connections shall be silver brazed or copper welded. Dine leads may be high temperature soldered.

20. STATOR AND WOUND ROTOR REWINDING:

All winding data such as wire size, number of turns, throw of windings, connections, coil dimensions, end bell clearances and lead length etc. shall be recorded prior to stripping off the winding and such records shall be reported with the billing invoice.

The crown of the winding shall be cut for every rewind job and be tagged and stored in a suitable location for the warranty period.

The interior, exterior, and all parts of the motor made of cast

Iron or steel shall be thoroughly cleaned and sandblasted to "white" metal prior to rewinding.

All materials used shall be new and of first grade quality. Conductor shall be of the same size as the original or an equivalent cross-sectional area which will not increase the current density. Copper materials shall be the only materials used for rewinding and shall be Phelps, Dodge, Hapt, or approved equal. Connections shall be silver brazed or copper welded. Fine leads may be high temperature soldered.

Old windings shall be roasted out of stator in an oven with adequate temperature controls to provide uniform heating and cooling to prevent warping and cracking of the frame and impairment of the magnetic quality of the core. The burn out shall be done by first maintaining at a temperature of 500 degrees F for 3-4 hours and then slowly increasing to a temperature of 700 degrees F maximum. The burnout temperature of 700 degrees F shall not be exceeded. Other stripping methods such as water blast or cold strip will be permitted when necessary.

After the winding has been removed from the roasted stator, the laminations will be thoroughly cleaned blowing out with compressed air and removing any remaining foreign matter by hand. The slots shall be clean and free of sharp edges or particles.

All old windings shall be removed and bore frame thoroughly cleaned using bead blast. Use only glass beads.

Laminations shall be inspected for damage. Repairs can be performed either by separating the laminations and filling the interspaces with mica and a class "H" insulation, etching or hand filing. Major damage may require restacking/replacing of the laminations.

The repaired stator shall be ring checked when core damage has occurred, and hot spots corrected.

A core test shall be performed on all motors 50 hp and above prior to rewinding. Hot spot temperature shall not be allowed to exceed 10 degrees C above the average core temperature.

Remove all rust by sanding using an approved solvent or scraping.

Inspect and clean all ventilation passages.

Spray the stator bore area with an air drying varnish.

Rewinding shall be done using copper wire coils designed for continuous duty. The copper size to be used shall conform to the motor manufacturer's latest specifications.

## 21. BALANCING, RUNNING VIBRATION AND MACHINE WORK

Electronic static and dynamic balancing and vibration testing shall be performed on all motors to assure acceptable vibration levels as specified hereafter. However, there will be no payment made for balancing and vibration testing under the terms of this contract.

Machine and welding work necessary to properly repair motors will be paid to the contractor on an hourly basis for actual work hours performed. The contractor shall quote hourly labor rates



as listed in Bid Items 0359-0362. Work deemed by Jefferson parish to be excessive shall be justified in writing by the contractor prior to payment.

Each motor rotor shall be dynamically balanced on an appropriate balancing machine. The rotor balancing precision shall meet an assembled motor running vibration test noted in the next paragraph.

Complete motors shall be assembled and test run after repairs. The maximum measured vibrational velocity shall not exceed the following:

MAXIMUM PERMISSIBLE VELOCITY OF VIBRATION - INCHES PER SECOND

MOTOR ON ELASTIC MOUNTING	MOTOR ON RIDGE MOUNTING	MOTOR SHAFT IN SLEEVE BRS.
OVERALL LEVEL 0.1	0.15	0.15

MAXIMUM PERMISSIBLE VIBRATION LEVELS:

FREQUENCY RANGE	AMPLITUDE (IN/SEC)
1-10 HZ	.06
10-80 HZ	.10
80-150 HZ	.08
150-2000 HZ	.02

All vibration measurements will be made with an FFT (Fast Fourier Transform) analyzer utilizing 400 lines of resolution or greater and a frequency range of 0.4 x running speed of 2,000 hz. Each measurement will consist of 4 averages (linear, non-overlapping) using a hanning window. The transducer used during the test will be either a velocity transducer or accelerometer type transducer with a magnetic mount (hand-held pickups are not acceptable for measurement under this specification).

THE BALANCE FOR INTEGRAL HORSEPOWER MOTORS BUILT IN A 153 AND LARGER FRAME SHALL BE AS FOLLOWS:

SOURCE	MAXIMUM
SPEED, RPM*	INCHES+
3,000 - 4,000	0.001
1,500 - 2,999	0.0015
1,000 - 1,499	0.002
999 AND BELOW	0.0025

\* For ac motors use the highest synchronous speed + amplitude as used in this paragraph means total peak to peak displacement.

All rotors and armatures must be centralized laterally on the shaft so as to eliminate end thrust pressure against either bearing and should float between bearings.

Total end play in sleeve bearing motors must be approximately 1/16" per inch diameter of shaft.

## 22. GENERATORS

All generators shall be repaired as motors based on their equivalent horsepower rating and are to be calculated according to the following formula:

Generator kw = kva x p.f (power factor)

Generator equivalent h.p. = kw x 1.34

The cost of repair of generator equivalent horsepower not listed in the motor bid forms shall be based on the closest motor horsepower listed on these forms.

## 23. INSURANCE

The responsibility of the contractor for damage, theft or loss of motors or generators while in the contractor's possession and/or control shall be as set forth in the Louisiana Civil Code and jurisprudence thereunder for compensated depositories.

Jefferson parish council resolution 113646 (12/09/09) sets forth the insurance requirements for this contract. Copies are available at the council clerk's office.

## 24. REWINDING SPECIAL MOTORS

When the special motors listed below require repair, the appropriate special motor item shall be used in conjunction with the standard motor base rewind item. Special motor items shall be a

percentage of the standard motor price as detailed below.

1. \*T.E.F.C. MOTOR (Special Motor Adder)
  - a. The maximum final invoice amount for item shall not exceed 10% of the standard motor base rewind price.
2. \*EXPLOSION PROOF MOTOR (Special Motor Adder)
  - a. The maximum final invoice amount for item shall not exceed 15% of the standard motor base rewind price.
3. \*VERTICAL MOTOR (Special Motor Adder)
  - a. The maximum final invoice amount for item shall not exceed 15% of the standard motor base rewind price.
4. \*"U" FRAME (Special Motor Adder)
  - a. The maximum final invoice amount for item shall not exceed 15% of the standard motor base rewind price.
5. \*PRE-"U" FRAME (Special Motor Adder)
  - a. The maximum final invoice amount for item shall not exceed 40% of the standard motor base rewind price.
6. PUMP, GEAR MOTOR PLUS PUMP, GEAR ASSEMBLY (Special Motor Adder)
  - a. The maximum final invoice amount for item shall not exceed 25% of the standard motor base rewind price.
7. SUBMERSIBLE PUMP (COMPLETE), RE-POUR POT HEAD WHEN NECESSARY (Special Motor Adder)
  - a. The maximum final invoice amount for item shall not exceed 30% of the standard motor base rewind price.
8. SUBMERSIBLE PUMP (STATOR W/HOUSING), RE-POUR POT HEAD WHEN NECESSARY(Special Motor Adder)
  - a. The maximum final invoice amount for item shall not exceed 20% of the standard motor base rewind price.
9. TWO SPEED MOTOR (Special Motor Adder)
  - a. The maximum final invoice amount for item shall not exceed 50% of the standard motor base rewind price.

10. FORM COILS (Special Motor Adder)
  - a. The maximum final invoice amount for item shall not exceed 55% of the standard motor base rewind price.
11. EPOXY COIL COATING (Special Motor Adder)
  - a. The maximum final invoice amount for item shall not exceed 12% of the standard motor base rewind price.
12. EPOXY ENCAPSULATION, FORMED OR MOLDED (Special Motor Adder)
  - a. The maximum final invoice amount for item shall not exceed 50% of the standard motor base rewind price.
13. REWIND ROTOR OF WOUND ROTOR INDUCTION MOTOR (Special Motor Adder)
  - a. The maximum final invoice amount for item shall not exceed 80% of the standard motor base rewind price.
14. \*IF MOTOR IS T.E.F.C., VERTICAL AND U-FRAME (Special Motor Adder)
  - a. The maximum final invoice amount for item shall not exceed 15% of the standard motor base rewind price.
15. \*IF MOTOR IS T.E.F.C. AND VERTICAL (Special Motor Adder)
  - a. The maximum final invoice amount for item shall not exceed 15% of the standard motor base rewind price.
16. \*IF MOTOR IS EXPLOSION PROOF AND U-FRAME (Special Motor Adder)
  - a. The maximum final invoice amount for item shall not exceed 15% of the standard motor base rewind price.
17. OVERTIME WORK (EA) (Special Motor Adder)
  - a. Overtime work associated with special motors shall be bid at a special hourly rate with the maximum final invoice amount not exceeding 50% of the standard motor base rewind price.

NOTE: ONE (1) SPECIAL MOTOR ITEM ALLOWED PER MOTOR REPAIR EXCEPT FOR OVERTIME WORK WHERE APPLICABLE.



25. STATOR ONLY WORK

When motor repair work only involves the stator, the final invoice amount shall be 90% of the standard motor base rewind price.

26. RECONDITION PRICES

Recondition prices (includes disassembly, cleaning of all parts, sandblasting, dip in class "h" varnish, bake, reassembly and testing, bearings and parts extra) shall be priced as a percentage of rewound stator prices (Items 0001-0285) according to the following hp ranges:

1/3-20	HP	50%
25-125	HP	50%
150-300	HP	40%
350-500	HP	30%

JEFFERSON PARISH  
DEPARTMENT OF PUBLIC WORKS

ELECTRIC MOTOR REPAIR DATA SHEET

DATE	_____	R.P.M.	_____
REQ. NO.	_____	FRAME	_____
MFG.	_____	AMPS	_____
SERIAL NO.	_____	VOLTS	_____
H.P.	_____	TYPE	_____

Condition Received: \_\_\_\_\_

Apparent Cause for Repair: \_\_\_\_\_

Repairs Performed:    Disassemble ( )    Steam Clean Parts ( )

( ) Recon./Rewind ( )	<u>Machine Work Prmd</u> ( )	<u>Installed New:</u>
( ) stator ( )	bush housing ( )	leads ( )
( ) rotor ( )	bush brg cap(s) ( )	brushes ( )
( ) coils ( )	bush/wld sft pass ( )	commu-
		tator ( )
( ) armature ( )	weld sft jrnls ( )	fan ( )
( ) fields ( )	weld cplg end ( )	heaters ( )
( ) interpoles ( )	turn & u comm ( )	seals ( )
( ) exciter ( )	turn rings ( )	rtd's ( )
( ) brush rigging ( )	weld feet ( )	brush
		springs ( )
( ) brake ( )	rwk labrnth sls ( )	spn cast
		brgs ( )
	restack core ( )	diodes ( )
	new shaft ( )	surg
		suprsur ( )
		drv end brg #:
		opp end brg #:

Insulation Type:    Dip and Bake ( )  
                                 VPI ( )

Final Readings:    Open Rotor Check (\_\_\_\_V/\_\_\_\_A)

Amps @	Volts:	Line 1:	Line 2:	Line 3:
Hipot:	Microamps @		Volts	

Vibration:

Largest Overall Vibration Level \_\_\_\_\_ in./sec.  
Drive end    Hor. \_\_\_\_\_ in./sec. Ver. \_\_\_\_\_ in./sec. Axl. \_\_\_\_\_ in./sec.  
Opp end      Hor. \_\_\_\_\_ in./sec. Ver. \_\_\_\_\_ in./sec. Axl. \_\_\_\_\_ in./sec.

Bearing Temperature:    Drive end:            Opp end:

Run Time:                            Core Loss Report Included: ( )

Report by: \_\_\_\_\_

Sig. of J.P. Parish Inspector or Supt. \_\_\_\_\_

JEFFERSON PARISH  
DEPARTMENT OF PUBLIC WORKS

ELECTRIC MOTOR REPAIR REQUEST FORM

Date \_\_\_\_\_

Time \_\_\_\_\_

Division/Dept. \* \_\_\_\_\_

Requisition No. \_\_\_\_\_

Motor Location \_\_\_\_\_

Location of Departure for Repair: \_\_\_\_\_

Motor Data:

Manufacturer \_\_\_\_\_ H.P. \_\_\_\_\_

Serial No. \_\_\_\_\_ R.P.M. \_\_\_\_\_

Model No. \_\_\_\_\_ Volts \_\_\_\_\_

Frame \_\_\_\_\_ Amps \_\_\_\_\_

Phase \_\_\_\_\_

Type (Circle):      Vertical              Horizontal              Submersible

Apparent Motor Condition \_\_\_\_\_

Overtime:      Yes      No

Warranty:      Yes      No  
Repair

Contact person for overtime authorization an/or repair procedures  
as per contract specifications:

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Telephone: \_\_\_\_\_

Delivered By: (Parish Representative): \_\_\_\_\_

Time: \_\_\_\_\_

Received By: (Contractor's Representative): \_\_\_\_\_

Time: \_\_\_\_\_

- \*1 - East Bank Water Plant
- 2 - West Bank Water Plant
- 3 - West Bank Sewerage Plant
- 4 - East Bank Lift Station
- 5 - West Bank Lift Station
- 6 - East Bank Drainage Pumping Station
- 7 - West Bank Drainage Pumping Station

JEFFERSON PARISH  
DEPARTMENT OF PUBLIC WORKS

MOTOR REPAIR ESTIMATE

Date \_\_\_\_\_

Time \_\_\_\_\_

Division Dept. \_\_\_\_\_

Motor Location \_\_\_\_\_

Manufacturer \_\_\_\_\_ H.P. \_\_\_\_\_

Serial No. \_\_\_\_\_ R.P.M. \_\_\_\_\_

Model No. \_\_\_\_\_ Volts \_\_\_\_\_

Frame \_\_\_\_\_ Amps \_\_\_\_\_

Phase \_\_\_\_\_

Type (Circle):      Vertical      Horizontal      Submersible

A). Major Repair Procedure:      Rewind      \$ \_\_\_\_\_

Recondition      \$ \_\_\_\_\_

B). Materials: (List) \_\_\_\_\_ \$ \_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

C). Machine Work: \_\_\_\_\_ Hrs.      \$ \_\_\_\_\_

Description: \_\_\_\_\_

\_\_\_\_\_

NOTE: If authority to repair motor  
if given, invoice price must  
not exceed estimate

TOTAL \$ \_\_\_\_\_

Contacted: \_\_\_\_\_

Telephone: \_\_\_\_\_

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Estimate Prepared By: \_\_\_\_\_

(Signature)

Job Time: \_\_\_\_\_

JEFFERSON PARISH  
ELECTRIC MOTOR MECHANICAL DATA SHEET

DATE:	MAKE	HORSEPOWER
RPM	FRAME	VOLTAGE
AMPS:	SERIAL NO	PHASE

SHAFT DATA

	BEFORE	AFTER		BEFORE	AFTER
O.E. BEARING FIT			D.E. BEARING FIT		
SHAFT RUNOUT			FAN FIT		
ROTOR FIT			FAN BORE		

REMARKS:

CORRECTIONS:

ROTOR DATA

	BEFORE	AFTER		BEFORE	
CONDITION OF ROTOR BARS			CONDITION OF END RINGS		
CONDITION OF ROTOR BARS			BALANCE OF ASSEMBLY		

REMARKS:

CORRECTIONS:

BEARING HOUSING

	BEFORE	AFTER		BEFORE	
O.E. BEARING HOUSING FIT			D.E. BEARING HOUSING FIT		
O.E. BEARING CAP BORE			D.E. BEARING CAP BORE		
O.E. BEARING O.D.			D.E. BEARING O.D.		
O.E. BEARING I.D.			D.E. BEARING I.D.		
O.E. OIL RING I.D. x O.D. x W			D.E. OIL RING I.D. x O.D. x W		
O.E. BEARING No.			D.E. BEARING No.		
ROTOR AXIAL MOVEMENT			END BELL FACE RUNOUT		

REMARKS:

CORRECTIONS:

O.E. Opposite End	D.E. Drive End
-------------------	----------------



MAKE \_\_\_\_\_ HP/KVA/KVA \_\_\_\_\_ RPM \_\_\_\_\_  
CUSTOMER JEFFERSON PARISH MOTOR DATA SHEET  
JOB NO. \_\_\_\_\_ DATE \_\_\_\_\_

VOLTS \_\_\_\_\_ AMP5 \_\_\_\_\_ FRAME \_\_\_\_\_ TYPE \_\_\_\_\_ S/N \_\_\_\_\_  
MODEL \_\_\_\_\_ STYLE \_\_\_\_\_ CODE \_\_\_\_\_ FORM \_\_\_\_\_ DESIGN \_\_\_\_\_

SVC. FACTOR \_\_\_\_\_ PHASE \_\_\_\_\_ HERTZ \_\_\_\_\_ °C RISE \_\_\_\_\_ INS. CLASS \_\_\_\_\_

GROUPING \_\_\_\_\_ NO. LEADS \_\_\_\_\_ LENGTH OF LEADS \_\_\_\_\_ WIRE SIZE & TYPE OF LEADS \_\_\_\_\_ LEAD POSITION INDICATED \_\_\_\_\_

12 WIRE SIZE \_\_\_\_\_ NO WIRES \_\_\_\_\_ STATOR BORE \_\_\_\_\_ CORE LENGTH \_\_\_\_\_ COIL TO CORE CONN. END \_\_\_\_\_ COIL TO CORE OF. C/E \_\_\_\_\_

HIGH POT @ \_\_\_\_\_ VOLTS AC/DC CURRENT READING \_\_\_\_\_ BALL TEST @ \_\_\_\_\_ VOLTS \_\_\_\_\_ AMPS

GROUPING \_\_\_\_\_ NO. LEADS \_\_\_\_\_ LENGTH OF LEADS \_\_\_\_\_ WIRE SIZE & TYPE OF LEADS \_\_\_\_\_ LEAD POSITION INDICATED \_\_\_\_\_

12 WIRE SIZE \_\_\_\_\_ NO WIRES \_\_\_\_\_ STATOR BORE \_\_\_\_\_ CORE LENGTH \_\_\_\_\_ COIL TO CORE CONN. END \_\_\_\_\_ COIL TO CORE OF. C/E \_\_\_\_\_

HIGH POT @ \_\_\_\_\_ VOLTS AC/DC CURRENT READING \_\_\_\_\_ BALL TEST @ \_\_\_\_\_ VOLTS \_\_\_\_\_ AMPS

GROUPING \_\_\_\_\_ NO. LEADS \_\_\_\_\_ LENGTH OF LEADS \_\_\_\_\_ WIRE SIZE & TYPE OF LEADS \_\_\_\_\_ LEAD POSITION INDICATED \_\_\_\_\_

12 WIRE SIZE \_\_\_\_\_ NO WIRES \_\_\_\_\_ STATOR BORE \_\_\_\_\_ CORE LENGTH \_\_\_\_\_ COIL TO CORE CONN. END \_\_\_\_\_ COIL TO CORE OF. C/E \_\_\_\_\_

HIGH POT @ \_\_\_\_\_ VOLTS AC/DC CURRENT READING \_\_\_\_\_ BALL TEST @ \_\_\_\_\_ VOLTS \_\_\_\_\_ AMPS

GROUPING \_\_\_\_\_ NO. LEADS \_\_\_\_\_ LENGTH OF LEADS \_\_\_\_\_ WIRE SIZE & TYPE OF LEADS \_\_\_\_\_ LEAD POSITION INDICATED \_\_\_\_\_

12 WIRE SIZE \_\_\_\_\_ NO WIRES \_\_\_\_\_ STATOR BORE \_\_\_\_\_ CORE LENGTH \_\_\_\_\_ COIL TO CORE CONN. END \_\_\_\_\_ COIL TO CORE OF. C/E \_\_\_\_\_

HIGH POT @ \_\_\_\_\_ VOLTS AC/DC CURRENT READING \_\_\_\_\_ BALL TEST @ \_\_\_\_\_ VOLTS \_\_\_\_\_ AMPS

GROUPING \_\_\_\_\_ NO. LEADS \_\_\_\_\_ LENGTH OF LEADS \_\_\_\_\_ WIRE SIZE & TYPE OF LEADS \_\_\_\_\_ LEAD POSITION INDICATED \_\_\_\_\_

12 WIRE SIZE \_\_\_\_\_ NO WIRES \_\_\_\_\_ STATOR BORE \_\_\_\_\_ CORE LENGTH \_\_\_\_\_ COIL TO CORE CONN. END \_\_\_\_\_ COIL TO CORE OF. C/E \_\_\_\_\_

HIGH POT @ \_\_\_\_\_ VOLTS AC/DC CURRENT READING \_\_\_\_\_ BALL TEST @ \_\_\_\_\_ VOLTS \_\_\_\_\_ AMPS

GROUPING \_\_\_\_\_ NO. LEADS \_\_\_\_\_ LENGTH OF LEADS \_\_\_\_\_ WIRE SIZE & TYPE OF LEADS \_\_\_\_\_ LEAD POSITION INDICATED \_\_\_\_\_

12 WIRE SIZE \_\_\_\_\_ NO WIRES \_\_\_\_\_ STATOR BORE \_\_\_\_\_ CORE LENGTH \_\_\_\_\_ COIL TO CORE CONN. END \_\_\_\_\_ COIL TO CORE OF. C/E \_\_\_\_\_

HIGH POT @ \_\_\_\_\_ VOLTS AC/DC CURRENT READING \_\_\_\_\_ BALL TEST @ \_\_\_\_\_ VOLTS \_\_\_\_\_ AMPS

GROUPING \_\_\_\_\_ NO. LEADS \_\_\_\_\_ LENGTH OF LEADS \_\_\_\_\_ WIRE SIZE & TYPE OF LEADS \_\_\_\_\_ LEAD POSITION INDICATED \_\_\_\_\_

12 WIRE SIZE \_\_\_\_\_ NO WIRES \_\_\_\_\_ STATOR BORE \_\_\_\_\_ CORE LENGTH \_\_\_\_\_ COIL TO CORE CONN. END \_\_\_\_\_ COIL TO CORE OF. C/E \_\_\_\_\_

HIGH POT @ \_\_\_\_\_ VOLTS AC/DC CURRENT READING \_\_\_\_\_ BALL TEST @ \_\_\_\_\_ VOLTS \_\_\_\_\_ AMPS

MATERIALS		
Date	Description	Qty
	Magnet Wire	
	Magnet Wire	
	Wedge	
	Wedge	
	Wedge	
	Wedge	
	Lead Wire	
	Lead Wire	
	Surge Rope	
	Surge Rope	
	Steering	
	Steering	

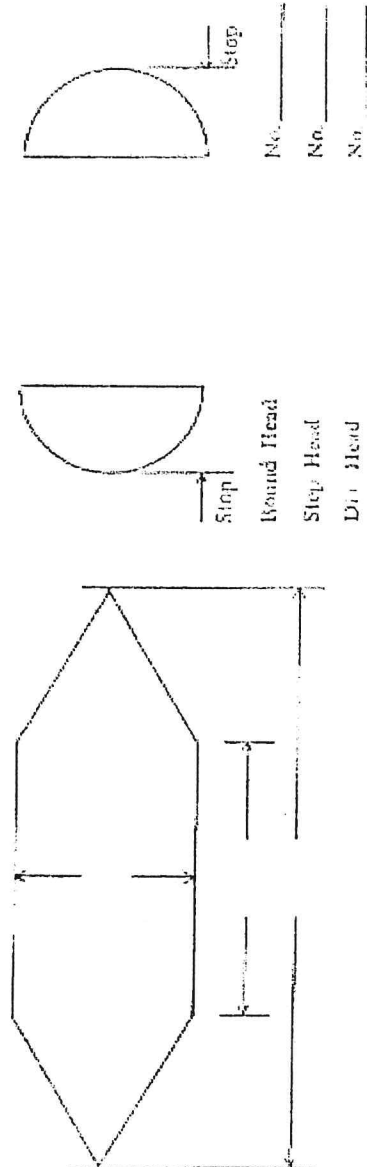


TABLE 1  
INVENTORY  
SQUIRREL CAGE NAME FRAME MOTORS  
200-575 VOLTS-3 PHASE-60 HERTZ  
COMPLETE MOTOR

H.P.	3600 RPM	1800 RPM	1200 RPM	900 RPM	720 RPM	600 RPM	450 RPM
	N	N	N	N	N	N	N
1/2	0	23	2	0	0	0	0
3/4	1	10	19	2	0	0	0
1	1	15	10	1	0	0	0
1.5	2	13	14	21	1	0	0
2	1	19	20	26	5	2	0
3	1	53	75	14	0	0	0
5	77	100	3	3	0	0	0
7.5	5	59	67	4	0	1	0
10	0	2	39	3	0	0	0
15	2	35	26	9	2	0	0
20	0	37	11	18	6	0	0
25	0	19	15	2	2	0	0
30	0	50	16	4	0	0	0
40	0	2	12	2	0	0	0
50	0	10	1	1	0	0	0
60	0	0	6	3	7	0	0
75	0	7	6	11	4	1	0
100	0	2	10	9	0	0	0
125	0	2	3	5	1	0	0
150	0	0	2	5	2	1	0
200	0	8	10	0	3	2	1
250	0	1	0	0	3	1	0
300	0	0	1	0	0	0	0
350	0	2	8	0	0	0	0
400	0	0	2	0	0	0	0
500	0	0	1	0	0	0	0