

DATE: 3/03/2020
BID NO.: 50-00129906

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, 3/24/2020 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 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. Vendors may experience a delay in payment if your company is not a registered vendor with Jefferson Parish.

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 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.

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. Failure to comply with this instruction will result in bid rejection.
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 JPCO 2-155.10(19). By signing this document, every corporation, partnership, or person contracting with PARISH, whether by cooperative endeavor, intergovernmental agreement, bid, proposal, application or solicitation for a parish contract, and every application for certification of eligibility for a parish contract or program, attests that it understands and will abide by all provisions of JPCO 2-155.10.

DATE: 3/03/2020

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BID NO.: 50-00129906

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 X

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____%

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF 7/29/20.

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

7/29/20

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

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Premier Equipment Corporation Inc.

ADDRESS: 13918 Airline Hwy

CITY, STATE: Baton Rouge, LA

ZIP: 70817

TELEPHONE: (225) 755-2240

FAX: (225) 755-2271

EMAIL ADDRESS: Amartinez@premierequipla.com

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: 1

NUMBER: 2

NUMBER: 3

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 111,715.00

AUTHORIZED

SIGNATURE: Ashley Martinez

Ashley Martinez

Printed Name

TITLE: Sales Engineer

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.: 50-00129906

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	1.00	EA	ONE TIME PURCHASE OF ELECTRIC AIR COMPRESSORS AND TRANSFER PUMPS FOR JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS - DRAINAGE		
			0010 - (2) Skid Mounted PL40 Electric Champion Compressor with Dual Control Panel Part Number: PL40	\$27,996.00	\$27,996.00
2	1.00	EA	0020 - Base Mounted Pressure Lubricated Diesel Champion Compressor with Outdoor Enclosure Part Number: BDPL5Y	\$22,673.00	\$22,673.00
3	12.00	EA	0030 - Flowserve 4GAX Gear Pump Part Number: 4GAFM1D0	\$2,224.00	\$26,688.00
4	1.00	EA	0040 - Champion Pressure Lubricated Compressor and Motor Base Mounted PL40 Part Number: BPL15	\$10,393.00	\$10,393.00
5	1.00	EA	0050 - Champion Pressure Lubricated Compressor and Base Mounted PL40 with Enclosure Part Number: BPL15	\$23,965.00	\$23,965.00

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF
Premier Equipment Corp.

INCORPORATED.

AT THE MEETING OF DIRECTORS OF Premier Equipment Corp
INCORPORATED, DULY NOTICED AND HELD ON March 18th, 2020,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED. THAT Ashley Martinez, 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

3-18-20

DATE

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

Non-Public Works Bid

AFFIDAVIT

STATE OF Louisiana

PARISH/COUNTY OF New Orleans

BEFORE ME, the undersigned authority, personally came and appeared: Ashley
Martinez, (Affiant) who after being by me duly sworn, deposed and said that
he/she is the fully authorized Sales Engineer of Premier Equipment (Entity),
the party who submitted a bid in response to Bid Number 50-00129906, 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 X 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 X _____ 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.

Ashley Martinez
Signature of Affiant

Ashley Martinez
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME
ON THE 27 DAY OF April, 2020.

Sara B. Kuebel
Notary Public

Sara B. Kuebel
Printed Name of Notary

La-Bar No. 38305
Notary/Bar Roll Number

My commission expires at death.

SARA B. KUEBEL
NOTARY PUBLIC
State of Louisiana
My Commission Is Issued For Life
LA Bar Roll No. 38305
Notary ID No. 156503

[Print](#)

Notary Search - Detail

Name: MS. SARA B. KUEBEL
Address: 201 ST. CHARLES AVENUE
SUITE 5100
NEW ORLEANS, LA 70170
Phone: (504) 582-8483
Phone 2: (985) 516-4180
Notary ID Number: 156503
Parish: ORLEANS with STATEWIDE JURISDICTION
Agency: N/A
Notary Type: Attorney
Bar Roll #: 38305
Status: Active
Commission Date: 12/11/2018
Oath Date: 12/11/2018
Surety Expiration Date: Not Required
Annual Report Current: Not Applicable

Notary Events

Name Change	Previous Name: SARA KUEBEL	Previous Commission Date: Unknown
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Deceased, Inactivated, Leave of Absence, Pre-Assessment Registration, Pre-Assessment Taken, Resigned, Retirement, and Revoked events are not available prior to February 11, 2012.

[Back to Search Results](#)[New Search](#)

**Request for Taxpayer
Identification Number and Certification**

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

► Go to www.irs.gov/FormW9 for instructions and the latest information.

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. Premier Equipment Corporation Inc.	
	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 type="checkbox"/> C Corporation <input checked="" 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) _____ <small>(Applies to accounts maintained outside the U.S.)</small>	
	5 Address (number, street, and apt. or suite no.) See instructions. 13918 Airline Hwy	Requester's name and address (optional)
	6 City, state, and ZIP code Baton Rouge, La 70817	
	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.

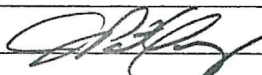
Social security number								
			-				-	
or								
Employer identification number								
7	2		-	1	2	2	1	3 4 5

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 ► January 21, 2020
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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.

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 amounts 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.



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

Toggle navigation

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- [Central Bidding](#)
- [My CP](#)
- [Contact Us](#)
- [Create New](#)
 - [Create New Standard Envelope](#)
- [Logout \(DNELSON\)](#)

Central Bidding Time: Tue Apr 28 2020 14:06:20 GMT-0500 (Central Daylight Time)

Place a Bid: 5000129906 ONE TIME PURCHASE OF ELECTRIC AIR COMPRESSORS AND TRANSFER PUMPS

Enter all required details into the fields below

Louisiana Contractor ID#

Enter all information required on the outside of the sealed envelope in the box below

Premier Equipment Corporation
13918 Airline Hwy
Baton Rouge, LA 701817

Bid 5000129906 One Time Purchase Of Electric Air Compressors And Transfer Pumps

Bid Bond #

Jefferson Parish Vendor #:

310091528

Upload Attachment(s)

While this site accepts various file types, sizes and quantities, the preferred method for delivering all of the appropriate and required bid documents is one single scanned PDF file. Vendors submitting bids with multiple uploaded images/photos of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, the bidder's submission will be rejected. Please note all requirements in this bid package for electronic bid submission.

Upload a file

Click the Upload button in order to upload bid related documents

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Central Auction House, LTD



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

**5000129906 ONE TIME PURCHASE OF ELECTRIC AIR COMPRESSORS
AND TRANSFER PUMPS**
Jefferson Parish Government

Project documents obtained from www.CentralBidding.com
17-Mar-2020 08:37:56 AM

ONE TIME PURCHASE OF ELECTRIC AIR COMPRESSORS AND TRANSFER PUMPS

The intent of this specification is to define the minimum requirements of the Parish of Jefferson for air compressors and transfer pumps. A bid is a guarantee by the vendor of all specifications being met.

Any exception to this specification requires the bidding vendor to submit with their bid a letter attached to the documents listing in detail how it differs from the specifications. Mere attachment of brochures covering standard manufactured equipment when such differs from these specifications shall not be adequate to satisfy the letter of exceptions requirement. Such items may include

- A complete specification and submittal of all major components for the proposed air compressors.
- Information and specifications for the electrical controls and control panel.
- One certified copy of installation and operation manuals for the compressor package.
- One copy of all pump "Bill of Materials" of the unit's construction, cutaway drawings, and dimensions as offered to confirm compliance with the specifications.
- One descriptive brochure showing photographs and/or describing the pump unit.

Any bidder not able to supply information shall be considered non-responsive and shall not be accepted.

All material shall be delivered to Ames pump station at 5100 Rochester Drive, Marrero, LA 70072 (+29.8552695° -90.1198224°). Any and all freight charges are to be included in bid price. Total delivery time starting from the date the vendor receives the purchase order shall not exceed eighty (80) calendar days.

SECTION 1: ELECTRIC AIR COMPRESSORS

Two (2) complete base mounted, factory-assembled, -wired, -piped, and -tested; electric-motor-driven; air-cooled; continuous-duty air compressors that deliver air of quality equal to intake air, equal to "Champion" model PL-40A. Factory operating pressures shall be set to 165-195 psi.

The compressors shall be a pressure lubricated reciprocating belt-driven compressor utilizing multi-finned cylinders, units have cast iron cylinder (or liner), gasket-free integral cylinder/head to decrease the chance of oil leakage, aluminum alloy domed first stage piston, cast iron domed second stage piston, two compression rings, one oil ring, single unit disc valves, fan-bladed flywheel, finned intercooler with pressure relief valve, tapered

roller main bearings that support both ends of crankshaft, and hydraulic unloading system for loadless starting.

A positive displacement oil pump shall be integrated into the compressors and shall be removable for servicing. The oil inlet screen in the unit shall be easily replaceable.

Compressors shall have automatic capacity reduction equipment consisting of dual control suction valve un-loader lift mechanism operated by oil pressure to provide for an unloaded compressor start. The dual control suction valve unloaded lift mechanism shall un-load the compressor when it reaches maximum desired air pressure while running in the hand position.

Each compressor shall include as standard, OSHA approved belt guard, multi-bladed finned flywheel, inline check valve, ASME pressure relief valve in discharge line, intake filter/silencer, oil level window, positive displacement oil pump, spin-on oil filter, oil pressure gauge, hydraulic unloading and dual control (Auto Start/Stop and Constant Speed), excluding base-mounted packages.

Compressor shall have an oil pressure switch and low oil level switch to automatically shut down the electric motor in the event of an air compressor oil pressure failure or low oil level.

The compressors shall also come equipped with or meet the following criteria:

General

1. 45.8 CFM @ 250 psig/pump
2. Two stage, duplex
3. Base Mounted
4. Vibration isolator pads
5. Oil level switch

Motors:

1. 1800 RPM, open drip-proof motor
2. 15 horsepower
3. 460/3/60
4. TEFC 1.15 SF
5. High efficiency
6. Motor shall be the quality product of Baldor or Marathon, or prior approved equal.

Aftercoolers: Each compressor shall be

Vendor shall provide air compressors with OSHA approved belt guard type air aftercooler suitable for operation under 250 psig working pressure. The aftercooler shall have the capacity to remove 70% of the moisture and to cool discharge air to within 25 degrees F of ambient air temperature with compressors operating at specified capacity.

Remote moisture separator with remote automatic drain on the discharge line off the aftercooler shall be provided and mounted separately by the parish.

Provide thermal oil coolant gauge off the discharge pipe of the aftercooler.

304 stainless steel piping shall be utilized.

Connections:

Each compressor shall be equipped with a discharge valve and flanged Stainless steel flexible shielded welded tubing connection minimum one (1) foot long for installation purposes.

Provide stainless steel braided flexible connectors with male swivel on one end on compressed air equipment/piping connections to allow for movement and to prevent transmission of vibration to the piping systems. Flexible connectors shall be equal to "Keeflex" for all piping 2" and smaller.

Isolation valve shall be utilized on the tubing supplying pressure to the compressor unloader valve.

"Y" strainers shall be utilized ahead of automatic drainers with unions.

Brackets shall be utilized to support all piping.

Compressor Controls:

One control panel shall be supplied to start and operate both specified electric compressors.

Automatic control station with load control and protection functions.

Comply with NEMA ICS 2 and UL 508.

1. Enclosure: NEMA ICS 6, Type 12 control panel.
2. Panel shall be built to for compressor to run on 460 volt feed.
3. Control transformer with primary and secondary circuit breakers.
4. Control voltage indicator light.

5. Provide a control relay for control voltage switch over in the event of on circuit being disconnected.
6. Provide individual main disconnect for each circuit breaker located on the face of the panel.
7. Motor Controllers: Full-voltage, combination magnetic type with under-voltage relay release feature and motor-circuit-protector-type disconnecting means and short-circuit protective device.
8. Control Voltage: 120-V ac or less, using integral control power transformer with primary/secondary circuit breakers.
9. Motor Overload Protection: Overload relay in each phase.
10. Starting Devices: Hand-off-automatic (HOA) selector switch in cover of control panel, plus two pressure switches for automatic control.
11. Automatic control switches to alternate lead-lag compressors for duplex air compressors with sequencing of lag compressor if the lead compressor cannot maintain air flow/pressure requirements.
12. Instrumentation on the control panel shall include: Include hour meter, compressor discharge-air and coolant temperature gauges
13. Alarm Signal Device: For connection to alarm system to indicate when backup air compressor is operating due to loss of lead unit called for lag operation.
14. Control panel shall include indicator lights for compressor operation.
15. The vendor shall provide electric motor starters and pressure switches of the proper type and size for the two (2) skid mounted electric compressor units.
16. Individual fault indicators for low oil pressure and low oil level conditions per compressor.
17. Low oil pressure shall be a shutdown feature, while low oil level shall be an alarm.
18. Undervoltage relay for alarm and/or shutdown of panel.
19. Local alarm horn and silence button for active faults.
20. Front of panel shall include a non-reset type elapsed time meter and shall totalize running time in hours and in tenths of hours to 999999.9 hours.
21. Provide six spare terminal blocks.
22. For each compressor, power shall be provided for compressor crank case heater.
23. Phase monitor relay: Shall provide protection against phase loss, low voltage, voltage unbalance, phase reversal, rapid cycling. Unit shall be Symcom Modle 460, or equal.

Structural Steel Skid Base:

1. Each unit shall be on an independent steel skid base
2. Provide structural steel skid base constructed with fabricated steel components to prevent flexing and undue vibration. Skid base shall have flanges and mounting hardware for bolting unit to existing concrete foundation pad. Unit to be furnished aligned, but with provisions for future adjustments.
3. Structural steel skid base shall be cleaned and have a proper primer and epoxy coat of paint to protect from rust.
4. Vibration isolation pads shall be included.

Spare Parts/Warranties

1. The vendor shall furnish and install all required lubrication oil and grease for package unit field testing upon delivery.
2. The vendor shall furnish two spare sets of oil filters, fuel filters, air filters, and match sets of v-belts where applicable for each unit.
3. The vendor shall provide package unit responsibility of 5 year pro-rated warranty on compressor shall be an authorized representative of the compressor manufacturer.
4. Two sets of operating and maintenance manuals shall be furnished for all equipment which includes motor, compressor, valves, separator, and all ancillary equipment.
5. Wiring diagram for the control panel shall be provided.
6. Pipe extension beyond the base skid for the oil drainage.
7. Two "Y" strainers for piping done by the Parish during installation.

SECTION 2: DIESEL AIR COMPRESSOR

A. Compressor

One (1) Champion, a Gardner Denver Company, model BDPL5Y, simplex, base mounted pressure lubricated air compressor. The compressor shall be of reciprocating type, belt driven, gasket-free integral cylinder/head to decrease the chance of oil leakage, two compression rings, one oil ring, single unit disc valves, and fan-bladed flywheel. Manufacturer to be Champion, a Gardner Denver company, or approved equal.

1. The design specifications and features of the diesel compressor shall be as follows:
 - a. Compressor will deliver 21.7 CFM at 175 PSIG
 - b. Intake Filter/Silencer
 - c. Vibration Isolators
 - d. Pneumatic throttle control
 - e. Load-less Starting

B. Engine

One (1) Yanmar model L100V air cooled diesel engine rated for 9.1 BHP at 940RPM at 175PSIG. Engine will be air cooled, single cylinder, 4 cycle, direct injection diesel engine. Manufacturer to be Yanmar or approved equal.

1. The design features of the diesel engine shall be as follows:
 - a. Fuel Tank Capacity: 4.7 Liters
 - b. Exhaust System: Expansion Silencer with Cover
 - c. Lubrication System: Pressure Lubrication with Trochoid Pump
 - f. Valves per Cylinder: 2
 - g. Balancing System: Single, Counter-rotating balance shaft
 - h. Noise Output Rating: 97dB(A)

C. Electrical

Motor to have electric starter operating off 12V/15A.

1. Additional components to be supplied include:
 - a. (1) 12V 8D Battery
 - b. Heavy Duty Cables
 - c. (1) 12 Volt Battery trickle charger and (1) battery box

D. Enclosure

The enclosure shall provide suitable protection for outdoor installation. The enclosure material should be of stainless steel composition. The enclosure with dimensions at a minimum of 45" L x 35"H x 25" W should be used. The roof of the enclosure should provide an opening for engine exhaust. The enclosure is intended to house the entire air compressor unit.

E. Spare Parts/Warranty

1. The vendor shall furnish and install all required lubrication oil and grease for package unit field testing upon delivery.
2. The vendor shall furnish two spare sets of oil filters, fuel filters, air filters, and match sets of v-belts where applicable for each unit.
3. The vendor shall provide package unit responsibility of 3 year pro-rated warranty on compressor.

SECTION 3: TRANSFER PUMPS AND MOTORS

Twelve (12) fully assembled pump and motors meeting the following specifications.

Pump Flowserve Model 4GAX

- 4GAFM1D0
- Clockwise Rotation
- Type 1 - BF(50)878
- ASTM A-278 Class 30 Cast Iron Pump Body
- Highly Pearlitic Cast Iron Gears
- Mechanical Seal

- Carbon Bushings
- Flowserve Standard Paint
- Cast Iron Relief Valve - 0-100psig Set Range
- ASTM A-278 Class 30 Cast Iron Motor
- Bracket

Driver:

- Baldor or Equal 3HP,
- 230/460V1200rpm, 60Hz, 3 Phase
- Severe Duty, 182TC Frame
- 1.15 Service factor

Construction:

- Both suction and discharge nozzles shall be 1 inch NPT
- Rotation shall be clockwise
- Pump Mounting shall be Flange
- Relief valve setting shall be 0 – 100 psig

Pump Characteristics

- 17 USgpm
- 30 psig
- Viscosity 220 cST
- Pump Speed 1120 rpm
- Temperature 105 F
- NPSHr 12 ft
- SG: 0.85

SECTION 4: ELECTRIC COMPRESSOR SKID MOUNTED

One (1) Pressure Lubricated Compressor and Motor skid package.

The compressor shall be a pressure lubricated reciprocating belt-driven compressor utilizing multi-finned cylinders, units have cast iron cylinder (or liner), gasket-free integral cylinder/head to decrease the chance of oil leakage, aluminum alloy domed first stage piston, cast iron domed second stage piston, two compression rings, one oil ring, single unit disc valves, fan-bladed flywheel, finned intercooler with pressure relief valve, tapered roller main bearings that support both ends of crankshaft, and hydraulic unloading system for loadless starting.

Each compressor shall include as standard, OSHA approved belt guard, multi-bladed finned flywheel, inline check valve, ASME pressure relief valve in discharge line, intake filter/silencer, oil level window, positive displacement oil pump, spin-on oil filter, oil pressure gauge, hydraulic unloading and be base-mounted for complete package.

The compressor shall also come equipped with or meet the following criteria:

General

- 45.9 CFM @ 250 psig/pump
- Simplex Unit
- Base Mounted
- Vibration isolator pads
- Low Oil Level Pressure Switch (NEMA 1)
- PL40A Pump
- High Temperature Switch

Motor:

- 15 horsepower each
- 460/3/60
- TEFC 1.15 SF
- High efficiency
- Mounted Starter

Aftercoolers

- Air Cooled
- Moisture Separator trap with automatic drain

Connections

- Compressor shall be equipped with a discharge valve and flexible discharge connector.

Spare Parts/Warranty

- The vendor shall furnish and install all required lubrication oil and grease for package unit field testing upon delivery.
- The vendor shall furnish two spare sets of oil filters, fuel filters, air filters, and match sets of v-belts where applicable for each unit.
- The vendor shall provide package unit responsibility of 3 year pro-rated warranty on compressor.

The compressor shall be model number BPL15 by Champion Pneumatic or equal.

SECTION 5: ELECTRIC COMPRESSOR SKID MOUNTED WITH ENCLOSURE

One (1) Pressure Lubricated Compressor and Motor skid package.

The compressor shall be a pressure lubricated reciprocating belt-driven compressor utilizing multi-finned cylinders, units have cast iron cylinder (or liner), gasket-free integral cylinder/head to decrease the chance of oil leakage, aluminum alloy domed first stage piston, cast iron domed second stage piston, two compression rings, one oil ring, single unit disc valves, fan-bladed flywheel, finned intercooler with pressure relief valve, tapered roller main bearings that

support both ends of crankshaft, and hydraulic unloading system for loadless starting.

Each compressor shall include as standard, OSHA approved belt guard, multi-bladed finned flywheel, inline check valve, ASME pressure relief valve in discharge line, intake filter/silencer, oil level window, positive displacement oil pump, spin-on oil filter, oil pressure gauge, hydraulic unloading and be base-mounted for complete package.

The compressor shall also come equipped with or meet the following criteria:

General

- 45.9 CFM @ 250 psig/pump
- Simplex Unit
- Base Mounted
- Vibration isolator pads
- Low Oil Level Pressure Switch (NEMA 1)
- PL40A Pump
- High Temperature Switch

Motor:

- 15 horsepower each
- 460/3/60
- TEFC 1.15 SF
- High efficiency
- Mounted Starter

Aftercoolers

- Air Cooled
- Moisture Separator trap with automatic drain

Enclosure

- The enclosure shall provide suitable protection for outdoor installation. The enclosure material should be of stainless steel composition. The enclosure with dimensions at a minimum of 55" L x 45"H x 35" W should be used. The roof of the enclosure should provide adequate ventilation for the air compressor unit.

Connections

- Compressor shall be equipped with a discharge valve and flexible discharge connector.

Spare Parts/Warranty

- The vendor shall furnish and install all required lubrication oil and grease for package unit field testing upon delivery.
- The vendor shall furnish two spare sets of oil filters, fuel filters, air filters, and match sets of v-belts where applicable for each unit.

50-00129906

- The vendor shall provide package unit responsibility of 3 year pro-rated warranty on compressor.

The compressor shall be model number BPL15 by Champion Pneumatic or equal.

DATE: 3/03/2020
BID NO.: 50-00129906

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

JEFFERSON PARISH

PURCHASING DEPARTMENT
P.O. BOX 9
GRETN, 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, GRETN, LA 70053 UNTIL 2:00 PM, 3/24/2020 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 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. Vendors may experience a delay in payment if your company is not a registered vendor with Jefferson Parish.

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)

DATE: 3/03/2020

BID NO.: 50-00129906

Page: 2

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 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 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.

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. Failure to comply with this instruction will result in bid rejection.
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 JPCO 2-155.10(19). By signing this document, every corporation, partnership, or person contracting with PARISH, whether by cooperative endeavor, intergovernmental agreement, bid, proposal, application or solicitation for a parish contract, and every application for certification of eligibility for a parish contract or program, attests that it understands and will abide by all provisions of JPCO 2-155.10.

DATE: 3/03/2020

BID NO.: 50-00129906

Page: 5

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 XX

MAXIMUM ESCALATION PERCENTAGE REQUESTED -- %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF Sept. 15, 2020.

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

80 days ARO

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

N/A

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Industrial Eqpt. Sales & Service Co., Inc.

ADDRESS: P.O. Box 73424

CITY, STATE: Metairie, LA ZIP: 70033

TELEPHONE: (504) 454-0991 FAX: (504) 885-0478

EMAIL ADDRESS: iessco2@cox.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: No. 1

NUMBER: No. 2

NUMBER: No. 3

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 171,890.00

AUTHORIZED

SIGNATURE: Raymond J. Archambault Raymond J. Archambault

TITLE: President

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.: 50-00129906

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			ONE TIME PURCHASE OF ELECTRIC AIR COMPRESSORS AND TRANSFER PUMPS FOR JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS - DRAINAGE		
1	1.00	EA	0010 - (2) Skid Mounted PL40 Electric BPL15 model Champion Compressor with Dual Control Panel; duplex design J.A. Controls Part Number: PL40A compr. pump	\$33,000.00	\$33,000.00
2	1.00	EA	0020 - Base Mounted Pressure Lubricated Diesel Champion Compressor with Outdoor Enclosure 60"L x 42"H x 30"W Part Number: BDPL5Y	\$37,230.00	\$37,230.00
3	12.00	EA	0030 - Flowserve 4GAX Gear Pump Part Number: 4GAFM1D0; 2HP Siemens TEFC frame 182-184TC 1200 RPM 3 phase close cplg. 1.15 SF severe duty.	\$2795.00	\$33,540.00
4	1.00	EA	0040 - Champion Pressure Lubricated Compressor and Motor Base Mounted PL40A Part Number: BPL15	\$16,100.00	\$16,100.00
5	1.00	EA	0050 - Champion Pressure Lubricated Compressor and Base Mounted PL40 with Enclosure 60"L x 48"H x 42"W Part Number: BPL15	\$52,020.00	\$52,020.00

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF
Industrial Eqpt. Sales & Service Co., Inc.
INCORPORATED.

AT THE MEETING OF DIRECTORS OF Industrial Eqpt. Sales & Service Co.
INCORPORATED, DULY NOTICED AND HELD ON 4/25/2020,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED. THAT Raymond J. Archambault, 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.

Gabriele Archambault
SECRETARY-TREASURER
Gabriele Archambault

4/25/2020

DATE

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

Non-Public Works Bid

AFFIDAVIT

STATE OF Louisiana

PARISH/COUNTY OF Jefferson

BEFORE ME, the undersigned authority, personally came and appeared: Raymond J. Archambault, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized representative of Industrial Eqpt Sales & Service Co., the party who submitted a bid in response to Bid Number 50-00129, to the Parish of 906 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 xx 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.

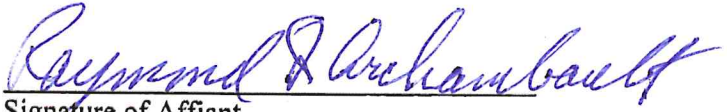
Choice B XX There are NO debts which would require disclosure under Choice A of this section.

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

Raymond J. Archambault

Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 27th DAY OF April, 2020



Notary Public

Richard B. Levin

Printed Name of Notary

25250

Notary/Bar Roll Number

My commission expires



RICHARD B. LEVIN
NOTARY PUBLIC
NOTARY ID # 25250
MY COMMISSION IS FOR LIFE

Print

Notary Search - Detail

Name: MR. RICHARD B. LEVIN
Address: 716 N. CAUSEWAY BLVD.
METAIRIE, LA 70001
Phone: (504) 828-5844
Notary ID Number: 25250
Parish: JEFFERSON with STATEWIDE JURISDICTION
Agency: N/A
Notary Type: Attorney
Bar Roll #: 14138
Status: Active
Commission Date: 08/14/2006
Oath Date: 07/05/2006
Surety Expiration Date: Not Required
Annual Report Current: Not Applicable

Notary Events

Parish Change Previous Parish: ORLEANS Previous Commission Date: 10/15/1984

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

[Back to Search Results](#)[New Search](#)

Request for Taxpayer Identification Number and Certification

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

Print or type See Specific Instructions on page 2.	Name (as shown on your income tax return)	
	Business name, if different from above	
	Check appropriate box: <input type="checkbox"/> Individual/ Sole proprietor <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Other ▶	
	Address (number, street, and apt. or suite no.)	
	City, state, and ZIP code	
List account number(s) here (optional)		Requester's name and address (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 your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I Instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number

or

Employer identification number

720829578

Part II Certification

Under penalties of perjury, I certify that:

1. 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
2. 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
3. I am a U.S. person (including a U.S. resident alien).

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 on page 4.)

Sign Here	Signature of U.S. person ▶ <i>Kristen M. O'Shaughnessy</i>	Date ▶ <i>12/5/07</i>
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Purpose of Form

A person who is required to file an information return with the IRS, must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

U.S. person. Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee.

In 3 above, if applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

For federal tax purposes, you are considered a person if you are:

- An individual who is a citizen or resident of the United States,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States, or
- Any estate (other than a foreign estate) or trust. See Regulations sections 301.7701-6(a) and 7(a) for additional information.

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

The person who gives Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases:

- The U.S. owner of a disregarded entity and not the entity,



JEFFERSON PARISH

DEPARTMENT OF PURCHASING

CYNTHIA LEE SHENG
PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

March 20, 2020

ADDENDUM # 1

Bid Number: 50-00129906

Receipt Date: March 24, 2020

Postponed To Date: April 16, 2020

Description of Bid: One time purchase of a quantity of electric air compressors and transfer pumps for Jefferson Parish Department of Public Works, Drainage

DUE THE COVID-19 SAFETY PRECAUTIONS, THE BID OPENING DATE HAS BEEN POSTPONED.

THE BID OPENING DATE HAS BEEN POSTPONED UNTIL APRIL 16, 2020, AT 2:00 P.M.

Sincerely,

Daphne Nelson

Daphne Nelson
Buyer I

Jefferson Parish Purchasing Department

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of This addendum on the bid form as indicated. Failure to do so will result in bid rejection.
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This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.

GENERAL GOVERNMENT BLDG. – 200 DERBIGNY ST., SUITE 4400, GRETN, LA 70053
OFFICE 504.364.2678

JOSEPH S. YENNI BLDG. – 1221 ELMWOOD PARK BLVD., SUITE 404, JEFFERSON, LA 70123
OFFICE 504.364.2678

EMAIL: PURCHASING@JEFFPARISH.NET WEBSITE: WWW.JEFFPARISH.NET



JEFFERSON PARISH

DEPARTMENT OF PURCHASING

CYNTHIA LEE SHENG
PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

April 9, 2020

ADDENDUM #2

Bid Number: 50-00129906

Receipt Date: April 16, 2020

Description of Bid: One time purchase of a quantity of electric compressors and transfer pumps for Jefferson Parish Department of Public Works, Drainage

DUE TO COVID-19 SAFETY PRECAUTIONS, ALL PUBLIC BID OPENINGS HAVE BEEN SUSPENDED. THE BID OPENING WILL CONTINUE AND BE MADE AVAILABLE VIA PHONE CONFERENCE. ADVERTISED BIDS WILL BE ACCEPTED THROUGH CENTRAL BIDDING OR MANUAL SUBMISSION. MANUALLY-SUBMITTED BIDS WILL ONLY BE ACCEPTED FROM 1:30 -1:59 P.M. ON THE DAY OF THE BID OPENING OR BY APPOINTMENT. BIDDERS MUST SUBMIT AT THE GENERAL GOVERNMENT BUILDING. THE PURCHASING DEPARTMENT WILL HAVE A TABLE SET UP TO RECEIVE SEALED BIDS AT THE ENTRANCE INSIDE OF THE BUILDING.

THE BID OPENING WILL BE MADE AVAILABLE BY CALLING THE FOLLOWING:

DIAL IN NUMBER: (504) 323-1800
MEETING ID: 181357

THE BID OPENING WILL BEGIN AT 2:30 P.M.

GENERAL GOVERNMENT BLDG. — 200 DERBIGNY ST., SUITE 4400, GRETN, LA 70053
OFFICE 504.364.2678

JOSEPH S. YENNI BLDG. — 1221 ELMWOOD PARK BLVD., SUITE 404, JEFFERSON, LA 70123
OFFICE 504.364.2678
EMAIL: PURCHASING@JEFFPARISH.NET WEBSITE: WWW.JEFFPARISH.NET



JEFFERSON PARISH

DEPARTMENT OF PURCHASING

CYNTHIA LEE SHENG
PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

Sincerely,

Daphne Nelson

Daphne Nelson
Buyer II

Jefferson Parish Purchasing Department

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of This addendum on the bid form as indicated. Failure to do so will result in bid rejection.

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

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RENNY SIMNO
DIRECTOR

April 14, 2020

ADDENDUM # 3

Bid Number: 50-00129906

Receipt Date: April 16, 2020

Postponed To Date: April 28, 2020

Description of Bid: One time purchase of a quantity of electric air compressors and transfer pumps for Jefferson Parish Department of Public Works, Drainage

Questions and Answers:

Question 1: Page 8; section 5: The SS enclosure wanted for the electric air compressor has an inadequate spec. design since is very vague in its description. More description details will be needed if expected to assure offering of such enclosure is adequate for the project, otherwise we will need to offer what we think is wanted. Our offering will be a minimum design to meet such spec. intent. There are (2) design thoughts for offering a SS enclosure. Obviously, there is a considerable cost difference between the designs of just a drop over enclosure over the base mounted package verses one having a floor and unit mounted inside the enclosure. This maybe a disappointment when we make such offer as currently least costly of the drop over enclosure and may not be considered acceptable toward what is expected. Being a public bid, the law only requires that we meet the letter of the spec. requirement as a design build intent. Will offer our description on a separate letterhead for such description as surprisingly evident that it will need to be accepted as long as it meets what is called for, when we make the bid offering. The enclosure material is not specified as to whether 304 or 316 SS and thickness of metal should be specified. Our envisioning the supply of a drop over enclosure that will be bolted to the concrete slab by parish or an independent contractor is to be provided. Currently, this enclosure would have louvers on side, front, and back and exhaust fan out the top. Would have a double door to handle servicing of the compressor pkg. Would be weatherproof with a 24" fan cover of aluminum as used on house roofs for design. Electric motor would be drip proof open type with an interlock when compressor runs, fan runs. Lifting eyes in each corner to lift enclosure should major repairs need to be made. Clarify exact design wanted by addendum so we are assured what we are considering, is what is desired.

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Starter package in nema 1 enclosure as supplied by factory as mounted on base. All wiring by others to various points on compressor. Power source as 120V and 460V needed for controls and power.

Answer: The enclosure is intended to have a base floor with the unit mounted inside. The material composition should be 316 Stainless Steel, .125" thickness. The enclosure would have louvers on all sides and an exhaust fan on the roof housing. The enclosure should come equipped with doors to provide adequate access to the unit for service work. The exhaust fan should be set to run when the compressor runs. Lifting lugs are required on each corner of the base. NEMA 4 starter is required. Immersion heater would be used.

Question 2: The diesel driven air compressor as noted on page 6 as section 2. has same issue of enclosure design description. This unit also has air needing to be exhausted out of the enclosure and no fan is indicated. Design would be similar as a drop over enclosure with double door and intake louvers. Again, clarify exact design wanted by addendum.

Answer: The enclosure should include an exhaust fan on the roof housing. The exhaust fan should be set to run when the compressor runs. Air intake would be extended to outside of both packages.

Question 3: Per section 1, page 1 thru 5: We see that on page 4, item 22, the crank case heater is specified. Gardner Denver Champion mfg. has stated that this is not possible to supply. Only a crank case heater block heater or blanket can be supplied. Clarify which is wanted. Heater will need to be cut off when compressor operates, thus an interlock circuit within panel needed. On page 3, under aftercooler description, stating that an oil coolant gauge is needed. This should be an air coolant gauge.

Answer: An air coolant gauge should be provided in place of an oil coolant. A crank case block heater should be supplied. The immersion heater should be wired so that it is not in operation while the compressor is running.

Sincerely,

Daphne Nelson

Daphne Nelson
Buyer II

Jefferson Parish Purchasing Department

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

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ONE TIME PURCHASE OF ELECTRIC AIR COMPRESSORS AND TRANSFER PUMPS

The intent of this specification is to define the minimum requirements of the Parish of Jefferson for air compressors and transfer pumps. A bid is a guarantee by the vendor of all specifications being met.

Any exception to this specification requires the bidding vendor to submit with their bid a letter attached to the documents listing in detail how it differs from the specifications. Mere attachment of brochures covering standard manufactured equipment when such differs from these specifications shall not be adequate to satisfy the letter of exceptions requirement. Such items may include

- A complete specification and submittal of all major components for the proposed air compressors.
- Information and specifications for the electrical controls and control panel.
- One certified copy of installation and operation manuals for the compressor package.
- One copy of air pump "Bill of Materials" of the unit's construction, cutaway drawings, and dimensions as offered to confirm compliance with the specifications.
- One descriptive brochure showing photographs and/or describing the pump unit.

Any bidder not able to supply information shall be considered non-responsive and shall not be accepted.

All material shall be delivered to Ames pump station at 5100 Rochester Drive, Marrero, LA 70072 (-29.8552695° -90.1198224°). Any and all freight charges are to be included in bid price. Total delivery time starting from the date the vendor receives the purchase order shall not exceed eighty (80) calendar days.

SECTION 1: ELECTRIC AIR COMPRESSORS

Two (2) complete base mounted, factory-assembled, -wired, -piped, and -tested; electric-motor-driven; air-cooled; continuous-duty air compressors that deliver air of quality equal to intake air, equal to "Champion" model PL-40A. Factory operating pressures shall be set to 165-195 psi.

The compressors shall be a pressure lubricated reciprocating belt-driven compressor utilizing multi-finned cylinders, units have cast iron cylinder (or liner), gasket-free integral cylinder/head to decrease the chance of oil leakage, aluminum alloy domed first stage piston, cast iron domed second stage piston, two compression rings, one oil ring, single unit disc valves, fan-bladed flywheel, finned intercooler with pressure relief valve, tapered

roller main bearings that support both ends of crankshaft, and hydraulic unloading system for loadless starting.

A positive displacement oil pump shall be integrated into the compressors and shall be removable for servicing. The oil inlet screen in the unit shall be easily replaceable.

Compressors shall have automatic capacity reduction equipment consisting of dual control suction valve un-loader lift mechanism operated by oil pressure to provide for an unloaded compressor start. The dual control suction valve unloaded lift mechanism shall un-load the compressor when it reaches maximum desired air pressure while running in the hand position.

Each compressor shall include as standard, OSHA approved belt guard, multi-bladed finned flywheel, inline check valve, ASME pressure relief valve in discharge line, intake filter/silencer, oil level window, positive displacement oil pump, spin-on oil filter, oil pressure gauge, hydraulic unloading and dual control (Auto Start/Stop and Constant Speed), excluding base-mounted packages.

Compressor shall have an oil pressure switch and low oil level switch to automatically shut down the electric motor in the event of an air compressor oil pressure failure or low oil level.

The compressors shall also come equipped with or meet the following criteria:

General

1. 45.8 CFM @ 250 psig/pump
2. Two stage, duplex
3. Base Mounted
4. Vibration isolator pads
5. Oil level switch

Motors:

1. 1800 RPM, open drip-proof motor
2. 15 horsepower
3. 460/3/60
4. TEFC 1 15 SF
5. High efficiency
6. Motor shall be the quality product of Baldor or Marathon, or prior approved equal.

Aftercoolers: Each compressor shall be

Vendor shall provide air compressors with OSHA approved belt guard type air aftercooler suitable for operation under 250 psig working pressure. The aftercooler shall have the capacity to remove 70% of the moisture and to cool discharge air to within 25 degrees F of ambient air temperature with compressors operating at specified capacity.

Remote moisture separator with remote automatic drain on the discharge line off the aftercooler shall be provided and mounted separately by the parish.

Provide thermal ~~oil~~^{air} coolant gauge off the discharge pipe of the aftercooler.

304 stainless steel piping shall be utilized.

Connections:

Each compressor shall be equipped with a discharge valve and flanged Stainless steel flexible shielded welded tubing connection minimum one (1) foot long for installation purposes.

Provide stainless steel braided flexible connectors with male swivel on one end on compressed air equipment/piping connections to allow for movement and to prevent transmission of vibration to the piping systems. Flexible connectors shall be equal to "Keeflex" for all piping 2" and smaller.

Isolation valve shall be utilized on the tubing supplying pressure to the compressor unloader valve.

"Y" strainers shall be utilized ahead of automatic drainers with unions.

Brackets shall be utilized to support all piping.

Compressor Controls:

One control panel shall be supplied to start and operate both specified electric compressors.

Automatic control station with load control and protection functions.
Comply with NEMA ICS 2 and UL 508.

1. Enclosure: NEMA ICS 6, Type 12 control panel.
2. Panel shall be built to for compressor to run on 460 volt feed.
3. Control transformer with primary and secondary circuit breakers.
4. Control voltage indicator light.

5. Provide a control relay for control voltage switch over in the event of on circuit being disconnected.
6. Provide individual main disconnect for each circuit breaker located on the face of the panel.
7. Motor Controllers: Full-voltage, combination magnetic type with under-voltage relay release feature and motor-circuit-protector-type disconnecting means and short-circuit protective device.
8. Control Voltage: 120-V ac or less, using integral control power transformer with primary/secondary circuit breakers.
9. Motor Overload Protection: Overload relay in each phase.
10. Starting Devices: Hand-off-automatic (HOA) selector switch in cover of control panel, plus two pressure switches for automatic control.
11. Automatic control switches to alternate lead-lag compressors for duplex air compressors with sequencing of lag compressor if the lead compressor cannot maintain air flow/pressure requirements.
12. Instrumentation on the control panel shall include: Include hour meter, compressor discharge-air and coolant temperature gauges
13. Alarm Signal Device: For connection to alarm system to indicate when backup air compressor is operating due to loss of lead unit called for lag operation.
14. Control panel shall include indicator lights for compressor operation.
15. The vendor shall provide electric motor starters and pressure switches of the proper type and size for the two (2) skid mounted electric compressor units.
16. Individual fault indicators for low oil pressure and low oil level conditions per compressor.
17. Low oil pressure shall be a shutdown feature, while low oil level shall be an alarm.
18. Undervoltage relay for alarm and/or shutdown of panel.
19. Local alarm horn and silence button for active faults.
20. Front of panel shall include a non-reset type elapsed time meter and shall totalize running time in hours and in tenths of hours to 999999.9 hours.
21. Provide six spare terminal blocks.
22. For each compressor, power shall be provided for compressor crank case heater.
23. Phase monitor relay: Shall provide protection against phase loss, low voltage, voltage unbalance, phase reversal, rapid cycling. Unit shall be Symcom Modle 460, or equal.

Structural Steel Skid Base:

1. Each unit shall be on an independent steel skid base
2. Provide structural steel skid base constructed with fabricated steel components to prevent flexing and undue vibration. Skid base shall have flanges and mounting hardware for bolting unit to existing concrete foundation pad. Unit to be furnished aligned, but with provisions for future adjustments.
3. Structural steel skid base shall be cleaned and have a proper primer and epoxy coat of paint to protect from rust.
4. Vibration isolation pads shall be included.

Spare Parts/Warranties

1. The vendor shall furnish and install all required lubrication oil and grease for package unit field testing upon delivery.
2. The vendor shall furnish two spare sets of oil filters, fuel filters, air filters, and match sets of v-belts where applicable for each unit.
3. The vendor shall provide package unit responsibility of 5 year pro-rated warranty on compressor shall be an authorized representative of the compressor manufacturer.
4. Two sets of operating and maintenance manuals shall be furnished for all equipment which includes motor, compressor, valves, separator, and all ancillary equipment.
5. Wiring diagram for the control panel shall be provided.
6. Pipe extension beyond the base skid for the oil drainage.
7. Two "Y" strainers for piping done by the Parish during installation.

SECTION 2: DIESEL AIR COMPRESSOR

A. Compressor

One (1) Champion, a Gardner Denver Company, model BDPL5Y, simplex, base mounted pressure lubricated air compressor. The compressor shall be of reciprocating type, belt driven, gasket-free integral cylinder/head to decrease the chance of oil leakage, two compression rings, one oil ring, single unit disc valves, and fan-bladed flywheel. Manufacturer to be Champion, a Gardner Denver company, or approved equal.

1. The design specifications and features of the diesel compressor shall be as follows:
 - a. Compressor will deliver 21.7 CFM at 175 PSIG
 - b. Intake Filter/Silencer
 - c. Vibration Isolators
 - d. Pneumatic throttle control
 - e. Load-less Starting

- B. Engine
One (1) Yanmar model L100V air cooled diesel engine rated for 9.1 BHP at 940RPM at 175PSIG. Engine will be air cooled, single cylinder, 4 cycle, direct injection diesel engine. Manufacturer to be Yanmar or approved equal.
1. The design features of the diesel engine shall be as follows:
 - a. Fuel Tank Capacity: 4.7 Liters
 - b. Exhaust System: Expansion Silencer with Cover
 - c. Lubrication System: Pressure Lubrication with Trochoid Pump
 - f. Valves per Cylinder: 2
 - g. Balancing System: Single, Counter-rotating balance shaft
 - h. Noise Output Rating: 97dB(A)
- C. Electrical
Motor to have electric starter operating off 12V/15A.
1. Additional components to be supplied include:
 - a. (1) 12V 8D Battery
 - b. Heavy Duty Cables
 - c. (1) 12 Volt Battery trickle charger and (1) battery box ^{60" 42" 30"}
- D. Enclosure
The enclosure shall provide suitable protection for outdoor installation. The enclosure material should be of stainless steel composition. The enclosure with dimensions at a minimum of 45" L x 35" H x 25" W should be used. The roof of the enclosure should provide an opening for engine exhaust. The enclosure is intended to house the entire air compressor unit.
- E. Spare Parts/Warranty
1. The vendor shall furnish and install all required lubrication oil and grease for package unit field testing upon delivery.
 2. The vendor shall furnish two spare sets of oil filters, fuel filters, air filters, and match sets of v-belts where applicable for each unit.
 3. The vendor shall provide package unit responsibility of 3 year pro-rated warranty on compressor.

SECTION 3: TRANSFER PUMPS AND MOTORS

Twelve (12) fully assembled pump and motors meeting the following specifications.

Pump Flowserve Model 4GAX

- 4GAFM1D0
- Clockwise Rotation
- Type 1 - BF(50)878
- ASTM A-278 Class 30 Cast Iron Pump Body
- Highly Pearlitic Cast Iron Gears
- Mechanical Seal

- Carbon Bushings
- Flowserve Standard Paint
- Cast Iron Relief Valve - 0-100psig Set Range
- ASTM A-278 Class 30 Cast Iron Motor
- Bracket

Driver:

- Baldor or Equal 3HP,
- 230/460V1200rpm, 60Hz, 3 Phase
- Severe Duty, 182TC Frame
- 1.15 Service factor

Construction:

- Both suction and discharge nozzles shall be 1 inch NPT
- Rotation shall be clockwise
- Pump Mounting shall be Flange
- Relief valve setting shall be 0 – 100 psig

Pump Characteristics

- 17 USgpm
- 30 psig
- Viscosity 220 cST
- Pump Speed 1120 rpm
- Temperature 105 F
- NPSHr 12 ft
- SG: 0.85

SECTION 4: ELECTRIC COMPRESSOR SKID MOUNTED

One (1) Pressure Lubricated Compressor and Motor skid package.

The compressor shall be a pressure lubricated reciprocating belt-driven compressor utilizing multi-finned cylinders, units have cast iron cylinder (or liner), gasket-free integral cylinder/head to decrease the chance of oil leakage, aluminum alloy domed first stage piston, cast iron domed second stage piston, two compression rings, one oil ring, single unit disc valves, fan-bladed flywheel, finned intercooler with pressure relief valve, tapered roller main bearings that support both ends of crankshaft, and hydraulic unloading system for loadless starting.

Each compressor shall include as standard, OSHA approved belt guard, multi-bladed finned flywheel, inline check valve, ASME pressure relief valve in discharge line, intake filter/silencer, oil level window, positive displacement oil pump, spin-on oil filter, oil pressure gauge, hydraulic unloading and be base-mounted for complete package.

The compressor shall also come equipped with or meet the following criteria:
General

- 45.9 CFM @ 250 psig/pump
- Simplex Unit
- Base Mounted
- Vibration isolator pads
- Low Oil Level Pressure Switch (NEMA 1)
- PL40A Pump
- High Temperature Switch

Motor:

- 15 horsepower each
- 460/3/60
- TEFC 1.15 SF
- High efficiency
- Mounted Starter

Aftercoolers

- Air Cooled
- Moisture Separator trap with automatic drain

Connections

- Compressor shall be equipped with a discharge valve and flexible discharge connector.

Spare Parts/Warranty

- The vendor shall furnish and install all required lubrication oil and grease for package unit field testing upon delivery.
- The vendor shall furnish two spare sets of oil filters, fuel filters, air filters, and match sets of v-belts where applicable for each unit.
- The vendor shall provide package unit responsibility of 3 year pro-rated warranty on compressor.

The compressor shall be model number BPL15 by Champion Pneumatic or equal.

SECTION 5: ELECTRIC COMPRESSOR SKID MOUNTED WITH ENCLOSURE

One (1) Pressure Lubricated Compressor and Motor skid package.

The compressor shall be a pressure lubricated reciprocating belt-driven compressor utilizing multi-finned cylinders, units have cast iron cylinder (or liner), gasket-free integral cylinder/head to decrease the chance of oil leakage, aluminum alloy domed first stage piston, cast iron domed second stage piston, two compression rings, one oil ring, single unit disc valves, fan-bladed flywheel, finned intercooler with pressure relief valve, tapered roller main bearings that

support both ends of crankshaft, and hydraulic unloading system for loadless starting.

Each compressor shall include as standard, OSHA approved belt guard, multi-bladed finned flywheel, inline check valve, ASME pressure relief valve in discharge line, intake filter/silencer, oil level window, positive displacement oil pump, spin-on oil filter, oil pressure gauge, hydraulic unloading and be base-mounted for complete package.

The compressor shall also come equipped with or meet the following criteria:
General

- 45.9 CFM @ 250 psig/pump
- Simplex Unit
- Base Mounted
- Vibration isolator pads
- Low Oil Level Pressure Switch (NEMA 1)
- PL40A Pump
- High Temperature Switch

Motor:

- 15 horsepower each
- 460/3/60
- TEFC 1.15 SF
- High efficiency
- Mounted Starter

Aftercoolers

- Air Cooled
- Moisture Separator trap with automatic drain

Enclosure

- The enclosure shall provide suitable protection for outdoor installation. The enclosure material should be of stainless steel composition. The enclosure with dimensions at a minimum of 55" L x 45" H x 35" W should be used. The roof of the enclosure should provide adequate ventilation for the air compressor unit.

Connections

- Compressor shall be equipped with a discharge valve and flexible discharge connector.

Spare Parts/Warranty

- The vendor shall furnish and install all required lubrication oil and grease for package unit field testing upon delivery.
- The vendor shall furnish two spare sets of oil filters, fuel filters, air filters, and match sets of v-belts where applicable for each unit.

50-00129906

- The vendor shall provide package unit responsibility of 3 year pro-rated warranty on compressor.

The compressor shall be model number BPL15 by Champion Pneumatic or equal.

INDUSTRIAL EQUIP. SALES & SERVICE CO., INC.
P.O. BOX 73424 OFFICE: 3713 BISSONET DR. SHOP: 2401 KINGSTON ST
METAIRE, LA. 70033 METAIRIE, LA. 70003 KENNER, LA 70062
FAX (504) 885-0478 (504) 454-0991 (504) 421-0570
E-MAIL ADDRESS; iessco2@cox.net

PROPOSAL

April 27, 2020

Jefferson Parish Purchasing Dept.
200 Derbigny Street, Suite 4400
Gretna, LA 70053

Terms: Net 30 days. Price firm for 45 days.

Attn: Daphne Nelson

Inquiry Solicitation # 50-00129906 for One Time Electric Compressors and Transfer Pumps

In accordance with the specifications originally issued and (3) addendums for modification of the specs., we are offering that as noted for requirement intent. We are offering a further descriptive summary to establish clarity and understanding of what is being offered to meet such intent interpretation. We are also offering a revision to 2 HP TEFC motor instead of 3 HP indicated for the transfer pumps since the Flowserve pump bracket is set up for accommodating a frame 182 or 184TC motor as noted in specs. The 3 HP motor has a frame 213TC and way over-sized for the application as shown on the performance curve for 17 GPM at 30 PSI. Actual HP draw is 1.3 HP with liquid being pumped at pressure shown at 1150 RPM speed.

As for the compressor units, we are offering the J.A. Controls duplex and simplex panels for project and their quality for custom built reliable application. Factory on the simplex is not able to offer exactly what we assume is required as interpreted as a simplex design panel with status lights and sensors on compressor pump shown in specs. Panel also powers the compressor block heaters for both simplex indoor and outdoor SS enclosure units as asked for in addendum #3 for such packages design arrangement. We are assuming that what is noted for features of the duplex compressor packaged description, also applies for the simplex packages, even though we are seeing limited design requirements for a mounted starter only provision. We are mounting and wiring the simplex starter panel on each skid package and pre-wired to all components in package. Same with the diesel driven compressor package for a working application. All compressor units as required are ready for operation once installed at pump station and minor wiring and piping to each being accomplished after installation.

We advise that the duplex air compressor pkg. has a pro-rated 5 year warranty specified. This is no longer available from the factory as a std. warranty. We have added a special warranty kit for a 6 year pro-rated warranty now available instead of the std. 3 year. This supplies synthetic oil and added oil filters with a quantity of oil for change out on a regular basis. Not offered with the other packages since the std. 3 year is asked for. The rest of the equipment covers 1 year std. limited warranty for motor,

Page 2 of 2:

switches, and panel on all packages. See 3 year warranty for description supplied here-in and the old 5 year warranty.

We are offering larger 316 SS enclosures for the diesel engine driven and electric packages as shown on the bid sheet. Not able to offer any special drawings till order is received. Will comply with addendum, #3 contents. Double door front and back and removable side bolted panels. Falk-liftable base and 4 point lifting at top. Louvers all sides and exhaust electric fan on top with canopy. Nema 4 enclosure panel in electric unit with sensors. Pre-wired and ready for operation on electric. Diesel package also ready for operation. Pre-piped on both units and having components as shown in duplex compressor pkg. section.

J.A. Controls panels supplied for all compressor packages and complying with the duplex compressor package specs. or better for application intent. 1 year limited mfg. warranty applies. Drawings and submittal data after purchase order issuance for exact design description.

Compressors and pump equipment offering as noted to comply with specs otherwise. Limited mfg. data currently since supplying what is called for in specs except as noted here-in description. Refer to the bid sheet for exact pricing of the equipment pricing. Delivery is 10 weeks approx. from time of order equipment submittal approval.

Sincerely,

A handwritten signature in dark ink, appearing to read "R Archambault", with a stylized flourish at the end.

Raymond Archambault
Application Engineer

DD-B-200	QUOTE NO. _____	DATE: 2/15/18
NOTES: 1. DO NOT SCALE PRINT, TYPICAL DIMENSIONS ONLY. 2. SPECIFICATIONS AND DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE OR OBLIGATION. 3. ALL DIMENSIONS IN INCHES. 4 ADD 1" FOR VIBRATION ISOLATOR OPTION. 5 OPTIONAL EQUIPMENT MAY EFFECT DIMENSION		
MODEL NO.: BPL15 OVERALL DIM: 48 1/2" L, 31" W, 38" H MOTOR: 15/460/3 HP/VOLTS/PH/Hz ODP(STD) <input checked="" type="checkbox"/> TEFC <input checked="" type="checkbox"/> HIEFF <input checked="" type="checkbox"/>		
OPTIONAL EQUIPMENT <input checked="" type="checkbox"/> STARTER 5 - WALL MOUNT <input type="checkbox"/> FUSED DISCONNECT 5 <input checked="" type="checkbox"/> VIBRATION ISOLATORS 4 <input type="checkbox"/> LOPS 5 <input checked="" type="checkbox"/> LOSC <input checked="" type="checkbox"/> AIR-COOLED AFTERCOOLER 5 <input checked="" type="checkbox"/> OTHER-Crankcase Block Heater		

Technical drawing of the PL40A pump station. The front view shows a pump assembly with a motor, belt guard, and vibration isolators. Dimensions include 48.68" total length, 29.00" for the pump assembly, and 7.50" for the motor. Labels include 'PL40A PUMP', 'STD. BELTGUARD', 'MOTOR', 'Dual Cont. 1/4" Air Line to Air Rec.', 'Slide Rail Slots in Base for Belt Adj.', 'Vib. Pads as 4" x 4" x 1"', and 'Ø.75 4 HOLES'. The side view shows the pump assembly from the side, with dimensions 28.46" and 38.00". Labels include 'BELTGUARD WITH AIR-COOLED AFTERCOOLER' and 'Temp. Ind. 1" SS Piping Outlet'. A note indicates 'Vib. Pads as 4" x 4" x 1"'. A tag label reads 'TAG: PLANTERS PUMP STATION, SIMPLEX COMPRESSOR PACKAGE'.

NOTICE:
REFERENCE DRAWING ONLY MAY NOT INCLUDE SPECIFIC ACCESSORY ITEMS FOR ANY PARTICULAR ORDER.

GENERAL ARRANGEMENT
MODEL BPL-15
PL40A BASEMOUNT
PRINT NO.: DD-B-200
REV. _____
DRAWN BY: GL
DATE: 03-17-00
CHK'D BY: _____
DATE: _____

CHAMPION- A GARDNER DENVER COMPANY



[Home](#) > [Compressors](#) > [Champion](#) > [Reciprocating Lubricated](#)

Champion Reciprocating Air Compressors PL-Series

The PL-Series compressor has been designed to operate in extreme duty applications and is also an alternative to the R-Series. Because the PL-Series can operate up to 250 psi, in remote locations or in off-level operations, it is a true industrial use compressor.

Champion is so confident in the way it has engineered and built its product, that we offer a 5 year warranty on the compressor. With many models from which to choose, we can match your needs exactly. The wide choice of options and features provide the components for a customized installation.

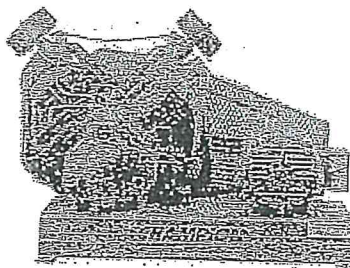
Available with horizontal or space-saving vertical tanks.

Features:

- 3-35 hp range
- Cartridge type oil filter
- Long-life, Swedish steel disc valves
- Two-stage, pressure lubricated compressor pump
- 5-year, pro-rated warranty on compressor pump
- Shipped with ChampLub lubricants
- OSHA approved enclosed belt guards
- ASME Coded receivers
- 5-year warranty on electric motors

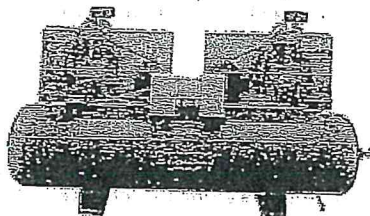
Base-Mounted Air Compressors
- Designed for installations where air tanks are remotely located.

Available 3-30 hp.



Duplex Air Compressors -
For extra air delivery when you need it without wasted space. Plus the flexibility of single operation, alternating between compressors, or duplex operation to meet high air demand.

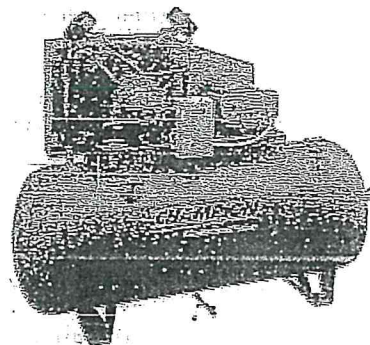
Available 3-30 hp.



CHAMPION®

A Gardner Denver Product

Always be one.



Instant Information Center

[Sales Brochure](#)
[Engine Driven Sales Brochure](#)

[Dimensional Drawings](#)

[BPL3, BPL5, BPL7](#)

[BPL15](#)

[BPL20,25,30](#)

[HGR5-LPH](#)

[HGR7-8K](#)

[HPL3,3.6,8,12](#)

[HPL5,3.6,8,120](#)

[HPL7-10D,6.8,12,25](#)

[HPL15,6.8,120](#)

[HPL15,12,25](#)

[HPL15D-12](#)

[HPL15D-25](#)

[HPL20,25,30,25](#)

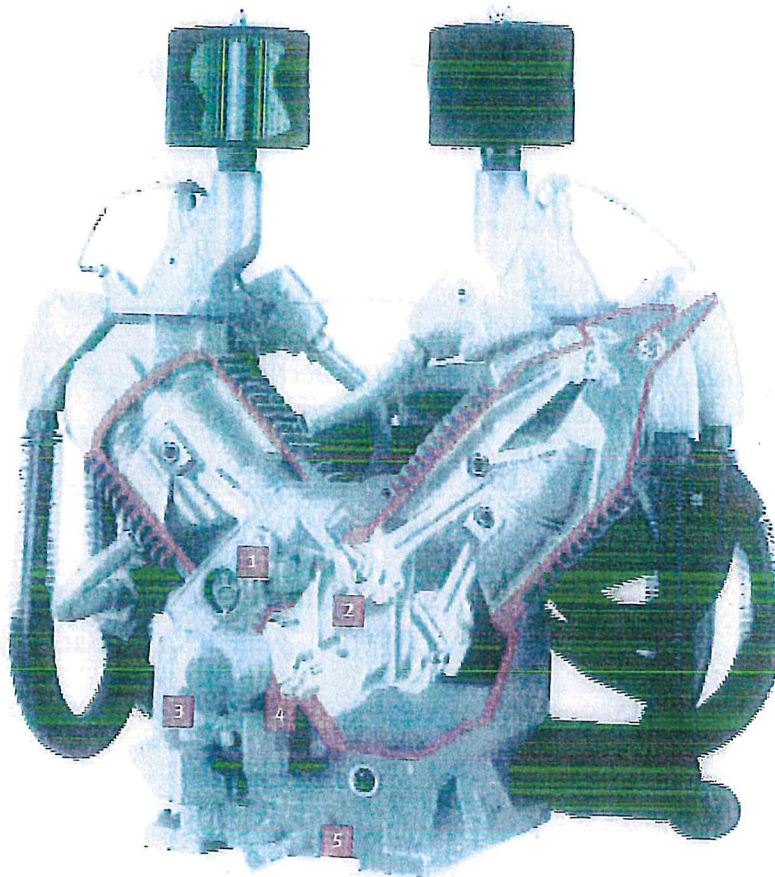
[VPL3,3.6,8,12](#)

[VPL5,3.6,8,12](#)

[VPL7,3.6,8,12](#)

[VPL10,12](#)

PRESSURE-LUBRICATED PL-SERIES



The PL-Series compressor has been designed to operate in extreme duty applications and is also an alternative to an R-Series unit. Because the PL-Series can operate up to 250 PSI in remote locations or in off-level operations, it is a true industrial use compressor. Gardner Denver is so confident in the way it has engineered and built its products, it offers a 5-year warranty on the compressor pump. The PL-Series features domed pistons, integral cylinder head, disc valves and an oil pump that provides lubricant to all crucial parts of the compressor. From its extra heavy-duty design to its ease of maintenance, the Gardner Denver PL-Series exemplifies reliability, durability and quality.

- 1 OIL PRESSURE GAUGE**
Mounted on the front of the compressor for an excellent view and easy pressure monitoring.
- 2 TAPERED ROLLER BEARING**
Insures long operating life of the crankshaft
- 3 POSITIVE DISPLACEMENT OIL PUMP**
Provides lubricant to all critical areas of the compressor pump that require lubrication.
- 4 PRESSURE LUBRICATION**
Crankshaft and connecting rod bearings are pressure lubricated for extended life.
- 5 INTERNAL FILTRATION**
An oil inlet screen is located in the center of the crankcase to protect bearings from larger debris.

COMPRESSOR PRODUCTS

CHAMPION

Standard Warranty

PL Series

STANDARD WARRANTY

Champion (the "Company") warrants to each original purchaser ("Purchaser") of its new products from the Company or its authorized distributor that such products are, at the time of delivery to the Purchaser, free of defects in material and workmanship. **This Standard Warranty statement applies to compressors shipped after August 1st, 2018.**

STANDARD WARRANTY PERIOD

The Company's obligation under this warranty is limited to repairing or, at its option, replacing, during normal business hours at an authorized service facility of the Company, any part which in its judgment proved not to be as warranted within the applicable warranty period as follows. **Regular maintenance in accordance with the service manual is required. Use of genuine Champion OEM parts and lubricants are recommended to maintain warranty. If a component failure is deemed a result of using non-genuine Champion parts and lubricants, warranty will not be allowed.**

COMPONENT	STANDARD WARRANTY COVERAGE	DETAILS
Package	12 months from startup or 18 months from date of shipment from Company, whichever occurs first	All components within the package (i.e. pressure switch, starter, control panel, cooler, etc.), excluding normal wear items
Pump – Package	36 months from startup or 42 months from date of shipment from Company, whichever occurs first	Applies to pump only when purchased as part of a Company compressor package, excludes head valves which are warranted for first year only.
Pump – Bare	12 months from startup or 18 months from date of shipment from Company, whichever occurs first	Applies to pumps purchased as bares only
Electric Motors	12 months from startup or 18 months from date of shipment from Company, whichever occurs first	For nonstandard motors, the original manufacturer's warranty will take precedence
Gasoline & Diesel Engines	Warranted by engine manufacture to the extent of their standard warranty	For nonstandard engines, the original manufacturer's warranty will take precedence
Air Receivers	12 months from startup or 18 months from date of shipment from Company, whichever occurs first	Recommended to be installed properly with Company vibration isolators
Labor	<p>Package/Electric Motor/Air Receivers/Bare Pump: 12 months from startup or 18 months from date of shipment from Company purchaser, whichever occurs first</p> <p>Pump (Package): 36 months from startup or 42 months from date of shipment from Company, whichever occurs first</p>	Service will be provided by Company representative or authorized service personnel, for repair or replacement of any product or part which in the Company's sole judgement is proved not to be as warranted. Labor shall be limited to the amount specified in the Company's labor rate schedule. All costs of transportation of product, parts, and repaired or replacement parts claimed not to be as warranted to and from such service facilities shall be borne by the Purchaser. The Company may require the return of any part claimed not to be as warranted to one of its facilities as designated by Company, to establish a claim under this warranty (Return freight eligible for consideration for reimbursement). Replacement Parts provided under the terms of the warranty are warranted for the remainder of the original warranty period.

NO WARRANTY IS MADE WITH RESPECT TO:

1. Any product which has been repaired or altered in such a way, in the Company's sole judgement, as to affect the product adversely
2. Any product which has, in the Company's sole judgement been subject to negligence, accident, improper storage, or improper installation or application
3. Any product which has not been operated or maintained in accordance with the recommendations of the Company
4. Any reconditioned or prior owned product
5. Warranty is non-transferable

STANDARD WARRANTY DISCLAIMER

THE FOREGOING WARRANTY IS EXCLUSIVE AND IT IS EXPRESSLY AGREED THAT, EXCEPT AS TO TITLE, THE COMPANY MAKES NO OTHER WARRANTIES AND HEREBY EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, INCLUDING WITHOUT LIMITATION, EXPRESSED, IMPLIED OR STATUTORY WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. THE REMEDY PROVIDED UNDER THIS WARRANTY SHALL BE THE SOLE, EXCLUSIVE AND ONLY REMEDY AVAILABLE TO PURCHASER AND IN NO CASE SHALL THE COMPANY BE SUBJECT TO ANY OTHER OBLIGATIONS OR LIABILITIES. UNDER NO CIRCUMSTANCES SHALL THE COMPANY BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, EXPENSES, LOSSES OR DELAYS HOWSOEVER CAUSED. NO STATEMENT, REPRESENTATION, AGREEMENT, OR UNDERSTANDING, ORAL OR WRITTEN, MADE BY ANY AGENT, DISTRIBUTOR, REPRESENTATIVE, OR EMPLOYEE OF THE COMPANY WHICH IS NOT CONTAINED IN THIS WARRANTY WILL BE BINDING UPON THE COMPANY UNLESS MADE IN WRITING AND EXECUTED BY AN OFFICER OF THE COMPANY. THIS WARRANTY SHALL NOT BE EFFECTIVE AS TO ANY CLAIM WHICH IS NOT PRESENTED WITHIN 30 DAYS AFTER THE DATE UPON WHICH THE PRODUCT IS CLAIMED NOT TO HAVE BEEN AS WARRANTED. ANY ACTION FOR BREACH OF THIS WARRANTY MUST BE COMMENCED WITHIN ONE YEAR AFTER THE DATE UPON WHICH THE CAUSE OF ACTION OCCURRED. ANY ADJUSTMENT MADE PURSUANT TO THIS WARRANTY SHALL NOT BE CONSTRUED AS AN ADMISSION BY THE COMPANY THAT ANY PRODUCT WAS NOT AS WARRANTED. WARRANTY IS NOT TRANSFERABLE.



Champion Five Year Warranty "R" & "PL" Series Compressors

CHAMPION warrants each new compressor pump in these series manufactured by **CHAMPION**, mounted on a factory assembled unit, to be free from defects in material and workmanship under normal use and service for a period of sixty (60) months, from date of installation or sixty-six (66) months from date of shipment by **CHAMPION** or **CHAMPION** distributor, whichever may occur first. **Applies to the compressor pump only, excluding head valves. Valves, controls and accessories are warranted for the first year only.** Compressor pumps purchased separately would carry a one year warranty.

This five year extended warranty will be prorated over the 5 years as follows:

First year	100% Allowance, Parts and Labor
Second Year	90% Allowance, Parts and Labor
Third Year	80% Allowance, Parts and Labor
Fourth Year	70% Allowance, Parts and Labor
Fifth Year	60% Allowance, Parts and Labor

Applies to **CHAMPION** logo, tank or base mounted complete compressors only.

Express Limited Warranty

CHAMPION warrants each new air compressor unit manufactured by **CHAMPION** to be free from defects in material and workmanship under normal use and service for a period of twelve (12) months from date of installation or eighteen (18) months from date of shipment by **CHAMPION** or **CHAMPION** distributor, whichever may occur first.

CHAMPION makes no warranty in respect to components and accessories furnished to **CHAMPION** by third parties, such as **ELECTRIC MOTORS, GASOLINE ENGINES, and CONTROLS**, which are warranted only to the extent of the original manufacturer's warranty to **CHAMPION**. To have warranty consideration, electric motors must be equipped with thermal overload protection.

The extended five year warranty will apply to ASME air receivers provided they are installed on rubber vibro isolator pads or approved equivalent.

When a compressor pump, or component is changed or replaced during the warranty period, the new/replaced item is warranted for only the remainder of the original warranty period.

Repair, replacement or refund in the manner and within the time provided shall constitute **CHAMPION'S** sole liability and your exclusive remedy resulting from any nonconformity or defect. **CHAMPION** SHALL NOT IN ANY EVENT BE LIABLE FOR ANY DAMAGES, WHETHER BASED ON CONTRACT, WARRANTY, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, INCLUDING WITHOUT LIMITATION ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES, ARISING WITH RESPECT TO THE EQUIPMENT OR ITS FAILURE TO OPERATE, EVEN IF **CHAMPION** HAS BEEN ADVISED OF THE POSSIBILITY THEREOF.

CHAMPION MAKES NO OTHER WARRANTY OR REPRESENTATION OF ANY KIND, EXCEPT THAT OF TITLE, AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY EXPRESSLY DISCLAIMED. NO SALESMAN OR OTHER REPRESENTATIVE OF **CHAMPION** HAS AUTHORITY TO MAKE ANY WARRANTIES.

Owner's Responsibilities

SAFETY:

The Operation/Maintenance Manual accompanying this piece of equipment contains important safety information and must be made available to those operating this equipment. Operator must also read, understand & retain the information given in the various safety labels affixed to the unit.

INSTALLATION:

Compressor must be located in a clean, well-ventilated, dry room to insure an adequate supply of fresh, clean, cool and dry air.

Compressor flywheel should have a minimum clearance of 12" from any obstruction to insure proper cooling of unit.

Lagging compressor to the floor is required. It is essential to shim the legs to avoid undue stress on the tank welds. Lag-bolts should be "snug", but not tight. For 5 year tank warranty to apply, it is required that the tank be mounted on vibro isolator pads placed under the tank feet.

Necessary electrical wiring and connections should be made by a qualified electrician and must be installed in accordance with all national and local electrical codes. Pressure relief valves and pressure switches must not be tampered with or have their settings changed under any conditions.

MAINTENANCE:

Refer to owner's manual for safety rules and detailed maintenance instructions and service schedule.

- Keep oil level at the full mark.
- Change oil as required.
- Drain moisture from tank daily.
- Keep complete unit clean.
- Keep intake filters and valves clean. Inspect valves every 90 days.
- Pull ring on all pressure relief valves every 3 months to assure proper operation.
- Keep belts adjusted properly.
- Keep nuts, bolts, capscrews and all fittings tight.

Failure of owner to comply with safety rules, installation and maintenance procedures outlined above, and in the Operation/Maintenance Manual, will void warranty.

FREIGHT DAMAGE:

Freight damages do not constitute warranty or service adjustment. **CHAMPION's** terms are FOB point of shipment/factory, and **CHAMPION'S** responsibility ceases upon delivery of material to carrier and obtaining receipt for same. It is the responsibility of the receiving customer to file damage, shortage or concealed damage claim with the delivering carrier on receipt of material.

Qty	Description	Unit Price		Total
1	JAC 15 HP 3480VAC Duplex Alternating Compressor Control Panel mounted in a NEMA 12 painted steel enclosure to include the following:			
	Main MCP type breakers w/ thru door operator for each pump			
	Phase monitor w/ fuse block and fuses			
	120V Under-Voltage monitor			
	IEC Motor starters w/ adj. overload relays & reset pushbuttons			
	Control power transformer w/ circuit breaker primary & secondary			
	Illuminated "Control Power Off-On" selector switch			
	"Hand-Off-Auto" selector switches			
	Compressor "Run" pilot lights			
	"Motor Overload Trip" pilot lights - Motor shutdown - manual reset			
	"High Temperature" alarm lights w/ latching relay & integral reset pushbutton - Motor shutdown w/ manual reset			
	"Low Oil Pressure" alarm lights w/ latching relay & integral reset pushbutton - Motor shutdown w/ manual reset			
	"Low Oil Level" alarm lights w/ relay for alarm contacts			
	N.C. Aux Contacts for "Crank Case Heaters"			
	Time delay relays to allow compressor to start before low oil pressure alarm is activated			
	Alternator w/ integral lead / lag selector			
	Machine tool relay for "Cross Over" circuit necessary when using two supply voltages.			
	General flashing alarm light			
	Alarm horn w/ silence pushbutton			
	Time delay relay for automatic silence of horn after 15 minutes			
	Control relays			
	Terminal strip			
	Ground lugs			
	Custom gauge bracket for Discharge Air and Coolant Temperature Gauges - mounted on outside wall of enclosure.			
	Note- Hour Meters to be mounted in door of enclosure and NOT on the above mentioned bracket.			



Quotation

"We Cannot Compete with Poor Quality"

"SIMPLEX COMPRESSOR PACKAGE PANEL"

To: Industrial Equipment Sales & Services

Quote No: 22507

Attn: Ray Archambault

Ref: Jefferson Parish - Compressor Station

Qty	Description	Unit Price		Total
1	JAC 15 HP 3480VAC Simplex Compressor Control Panel			
	mounted in a NEMA 12 painted steel enclosure to include the following:			
	Main MCP type breaker w/ thru door operator			
	Phase monitor w/ fuse block and fuses			
	120V Under-Voltage monitor			
	IEC Motor starter w/ adj. overload relays & reset pushbutton			
	Control power transformer w/ circuit breaker primary & secondary			
	Illuminated "Control Power Off-On" selector switch			
	"Hand-Off-Auto" selector switch			
	Compressor "Run" pilot light			
	"Motor Overload Trip" pilot light - Motor shutdown - manual reset			
	"High Temperature" alarm light w/ latching relay & integral reset pushbutton - Motor shutdown w/ manual reset			
	"Low Oil Pressure" alarm light w/ latching relay & integral reset pushbutton - Motor shutdown w/ manual reset			
	"Low Oil Level" alarm light w/ relay for alarm contacts			
	N.C. Aux Contact for "Crank Case Heater"			
	Time delay relay to allow compressor to start before low oil pressure alarm is activated			
	General flashing alarm light			
	Alarm horn w/ silence pushbutton			
	Time delay relay for automatic silence of horn after 15 minutes			
	Control relays			
	Terminal strip			
	Ground lugs			
	Custom gauge bracket for Discharge Air and Coolant Temperature			
	Gauges - mounted on outside wall of enclosure.			
	Note- Hour Meter to be mounted in door of enclosure and NOT on the above mentioned bracket.			



10403 1/2 Windsor Ln.
Houston, Texas 77031
Telephone: 281-530-2500
Fax: 281-530-9202

Date: 2/14/18

To: Whom it May Concern

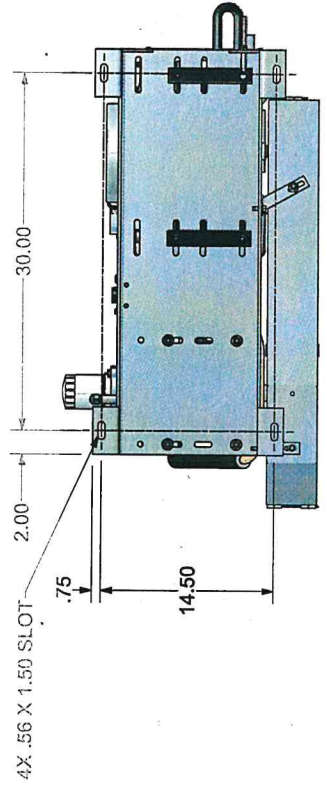
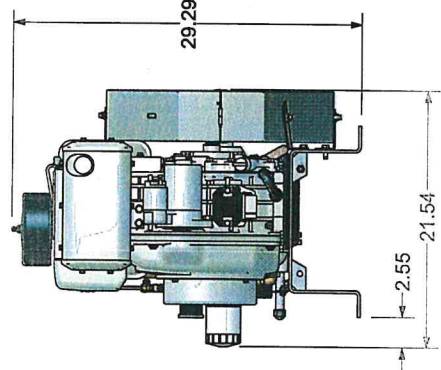
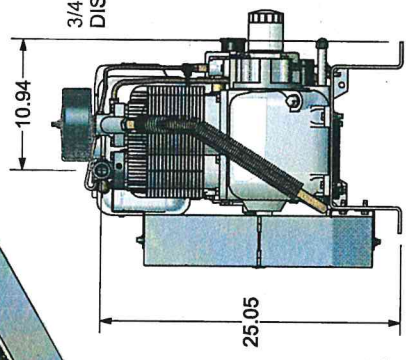
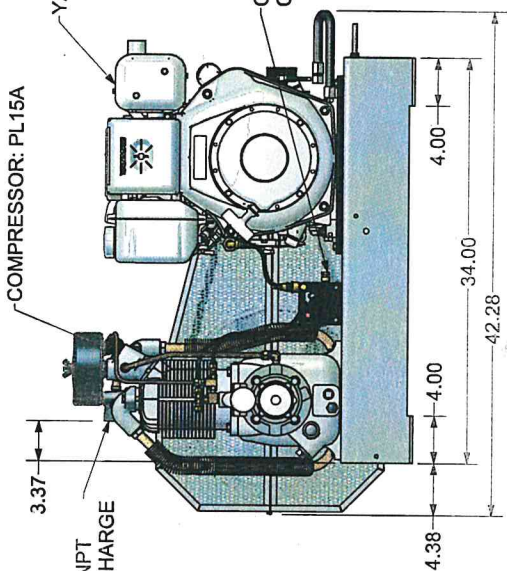
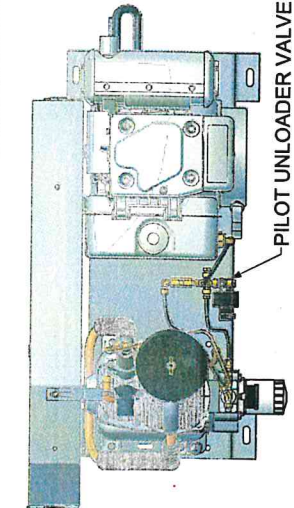
Ref: J. A. Controls Warranty Policy

J. A. Controls, Inc. offers a 12 month warranty from time of purchase. The warranty will cover materials and workmanship on all components purchased from J. A. Controls, Inc. This warranty does not cover acts of God, power surges, lightning strikes, terrorists, vandalism or any other form of damage caused which is out of our control. It only covers a failed product or workmanship. Labor is not included nor implied for any warranty claims.

Best Regards

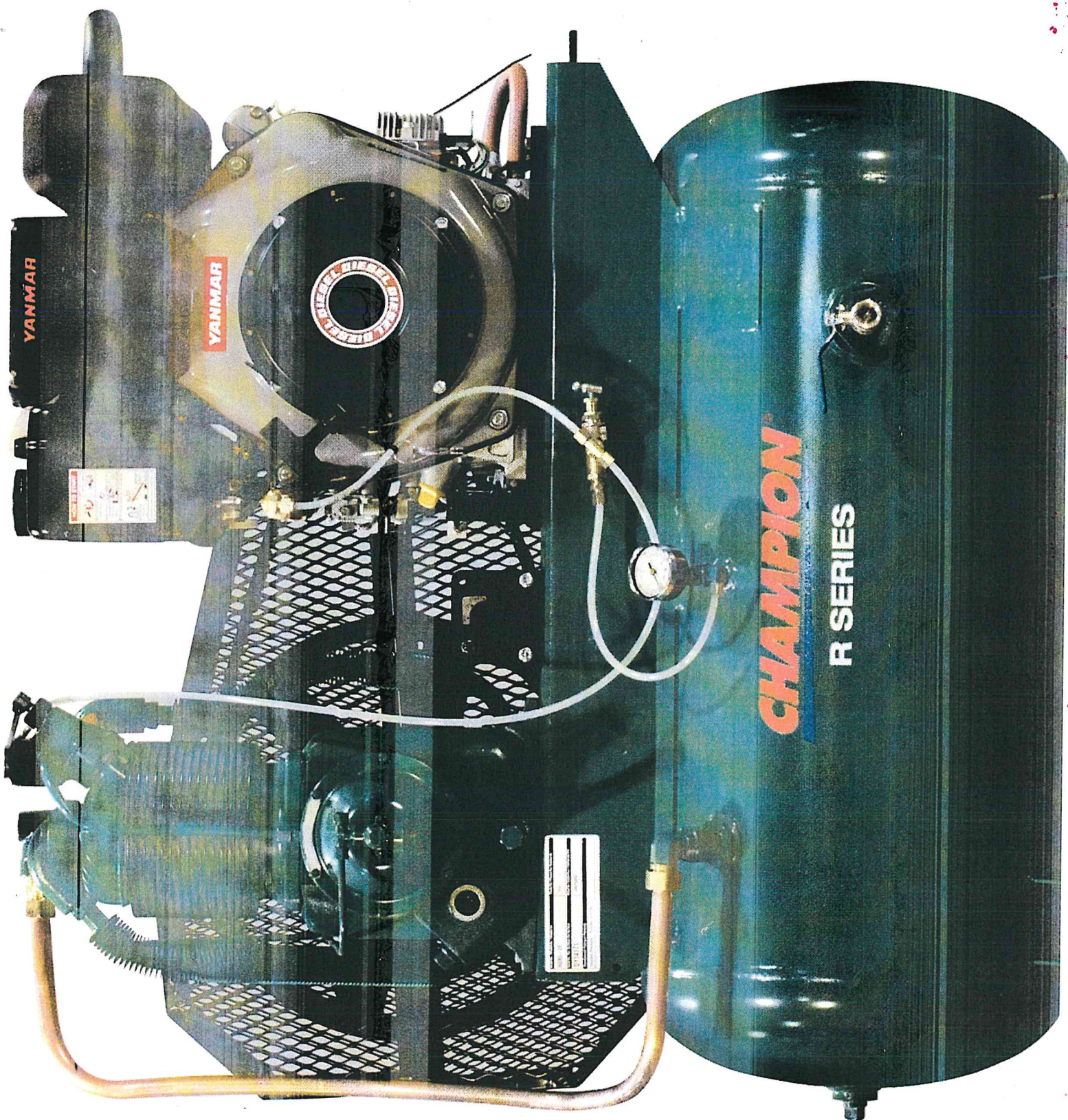
Jim Adams – President – J. A. Controls, Inc.

ZONE		REV	DESCRIPTION	DATE	DWN	CHK
A			RELEASED PER EOI 1071474			



- NOTES:
1. DO NOT SCALE DRAWING.
 2. SPECIFICATIONS AND DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE OR OBLIGATION.
 3. ALL DIMENSIONS IN INCHES.
 4. ADD 1.00" TO HEIGHT FOR VIBRATION ISOLATION OPTION.

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<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON DECIMALS: .XX ± .00 TOL. ON DECIMALS: .XXX ± .00 TOL. ON ANGLES: ± 0.30</small>	<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON DECIMALS: .XX ± .00 TOL. ON DECIMALS: .XXX ± .00 TOL. ON ANGLES: ± 0.30</small>
<small>THREADS PER ASME B1.1 DURING SYSTEM 21 U.S.S., ANSI B1.201 & B1.203</small>	<small>THREADS PER ASME B1.1 DURING SYSTEM 21 U.S.S., ANSI B1.201 & B1.203</small>
<small>HEAT TREATMENT</small>	<small>HEAT TREATMENT</small>
<small>ENGINE REF:</small>	<small>ENGINE REF:</small>
<small>OUTLINE-BARE UNIT</small>	<small>OUTLINE-BARE UNIT</small>
<small>Gardner Denver Inc.</small>	<small>Gardner Denver Inc.</small>
<small>QWBY KWT 12/5/2012</small>	<small>QWBY KWT 12/5/2012</small>
<small>QWBY DA 12/5/2012</small>	<small>QWBY DA 12/5/2012</small>
<small>316CBE800</small>	<small>316CBE800</small>
<small>1</small>	<small>1</small>



DESCRIPTION

The PL-Series compressor has been designed to operate in extreme duty applications. Because the PL-Series can operate up to 250 psi, and run in off-level operations, it is a true industrial use compressor. The PL-Series features domed pistons, integral cylinder head, disc valves, and an oil pump that provides lubricant to all crucial parts of the compressor. From its extra heavy duty design to its ease of maintenance, the Champion PL-Series exemplifies reliability, durability, and quality.

Pressure Lubrication – Crankshaft and connecting rod bearings are pressure lubricated for extended life.

Oil Pressure Gauge – Mounted on the front of the compressor for an excellent view and easy pressure monitoring.

Loadless Starting – Hydraulic unloader with factory set pilot valve provides easy, loadless starts and low oil pressure protection for unattended operation.

Lubricant Filtration – An external spin-on oil filter and an internal oil inlet screen protect internal components from damaging debris.

Babbitt Bearings – Replaceable bearing makes repairs easy and inexpensive.

Positive Displacement Oil Pump – Provides lubricant to all critical areas of the compressor pump that require lubrication.

USA Made

Electric Start

Disc Valves

Rated at 21.7cfm at 175psi, 175psi Max

940 Pump RPM

3-Year Limited Warranty

518 lbs

L- 41.2" W- 20.6" H- 29.3"

Standard Features:

- Load-less starting (via hydraulic unloader) for lower energy costs and less wear on starter motor
- ASME inter-stage pressure relief valve for protection
- 10 Micron industrial grade intake filter
- ASME coded receiver
- 0-300 PSIG air pressure gauge on tank

*Free freight is dropped shipped from the Champion factory direct to your 48 State Destination This does not include liftgate service or inside delivery.

ADDITIONAL INFORMATION

HP	10
PSI Configuration	175
Phase Configuration	3
Voltage	200, 230

RELATED PRODUCTS



CHAMPION HR10-12
Contact for Price



**FS-CURTIS CT10 10HP 120 GALLON
HORIZONTAL TANK 2-STAGE AIR
COMPRESSOR**
Contact for Price



**ROLAIR 7722HK28 TWO STAGE PUMP
AIR COMPRESSOR**
Contact for Price

(<https://www.aircompressorcfm.com/rolair-7722hk28-two-stage-pump-air->



CHAMPION HGR7-3H
\$2,710.19

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Support

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YANMAR

YANMAR Tractors

Compact Equipment

Utility
Task
Vehicles

Industrial Engines

Marine Engines

Energy Systems

Power Products

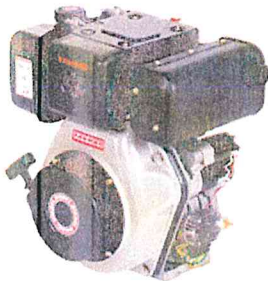
REMAN by Yanmar

Genuine Parts

L-Series (Air Cooled)

TNM (MINIMAX)

TNV



L100V

Industrial Engines | L-Series (Air Cooled) | L-V Series

Our single-cylinder, air-cooled direct injection diesel engines utilize a counter-balancing system for smooth, high-speed operation. Multiple PTO shaft options are available along with electric or recoil starting. Two power levels are offered.

Engine Type	Air Cooled, 4 cycle, Vertical Cylinder
Fuel	Diesel
Number of Cylinders	1
Bore x Stroke	86mm x 75 mm
Combustion Type	Direct Injection
Total Displacement	435 cc
Aspiration	Natural Aspiration
Valves per Cylinder	2
Rated Speed	3600 rpm
Net Intermittent	9.1 Hp[6.8kW]/3600rpm
Net Continuous HP	8.3hp [6.2kW]/3600rpm
Direction of Rotation	Counter Clockwise, Viewed from PTO Side
Crankshaft Type	Straight Keyed, Tapered or Threaded
Starting System	Recoil or Recoil/12 V Electric
Decompression System	Manual Type with Auto-return Lever
Charging System	12 Volt, 15 Amps (for Electric Start Models)
Electric Stop Device	Optional, Fuel Stop Solenoid (for Electric Start Models)
Cold Start Aid	Optional, Intake Air Heater (for Electric Start Models)
Fuel Tank Capacity	4.7 liters
Brake Specific Fuel Consumption at	279 g/kW-hr

Product Overview Resources FAQs Dealers Contact	
Lubrication System	Pressure Lubrication with Trochoid Pump
Oil Capacity	1.60 Liters [0.60 Effective]
Exhaust System	Expansion Silencer with Cover
Air Cleaner	Dry-Type with Paper Element
Balancing System	Single, Counter-Rotating Balance Shaft
Length	16.2 in (412mm)
Width	18.6 in (472mm)
Height	19.4in (493mm)
Dry Weight (Recoil Start)	106.9 Lbs (48.5 kg)
Dry Weight (Electric Start)	117.9 Lbs (53.5 kg)
Noise Output @ Continuous Rating, Mean of Four Directions at 1 Meter	97 dB(A)

Features

Low Vibration & Low Noise

Superior vibration and noise reduction is achieved through the use of precision balancers. This leads to operating comfort even under long work hours.

Compact, Diesel Injection Engine = Easy Installation & Low Fuel Consumption

Keeping with the tradition of compact design, the new LV series is simple to install. It fits in cramped spaces without sacrificing power and performance. YANMAR's proprietary direct injection technology allows the engine to sip rather than gorge on fuel. This means lower running cost in the world of rising fuel prices.

Quick and Easy Start

Starting is a breeze with the standard recoil starter. Starter motor and switch are also available as an option.



[Resources](#)



[FAQs](#)



[Dealers](#)



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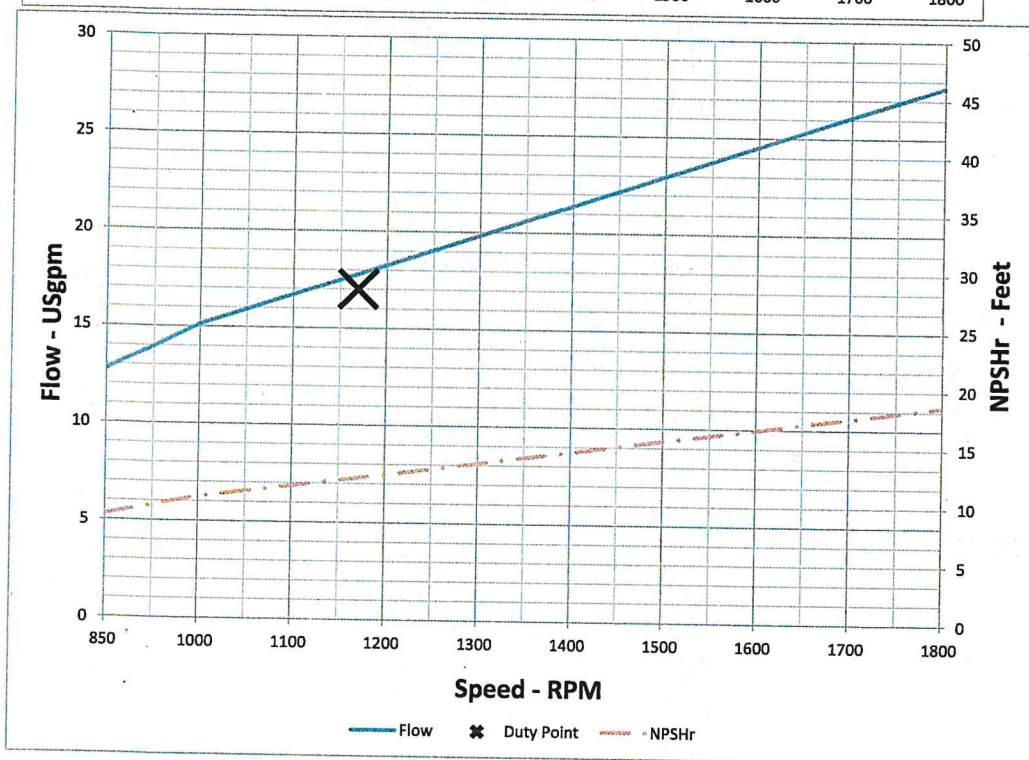
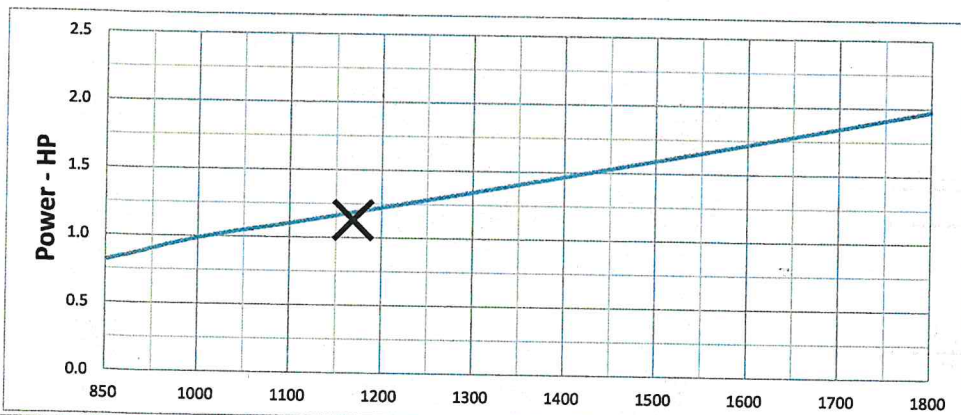
Construction Datasheet

[illegible]

Hydraulic Datasheet

		Pump Size & Model	:	4GAX		
		Based on Curve No	:	GAX-4-C-A		
		Number of Stages	:	1		
Customer	:	Distributor	Flow	:	17	USgpm
Quote Reference	:	Gear Pumps	Pressure	:	30	psig
Pump Tag Number	:		Viscosity	:	220	cSt
Service	:	Transfer Pumps	Pump Speed	:	1120	rpm
Date	:	4/27/2020	Temperature	:	105	°F
			NPSHr	:	12	ft
			Specific Gravity	:	0.85	

CURVES ARE APPROXIMATE. PUMP IS GUARANTEED FOR ONE SET OF CONDITIONS, FLOW, HEAD, VISCOSITY



POSITIVE DISPLACEMENT

DIAPHRAGM

CT6



Scienco™

With market-leading flow rates, the CT6 self-priming diaphragm pump is the premier solution for agricultural and DEF transfer needs. For use with caged IBCs, mini bulk tanks and drums.

- Broad application versatility enabled by a variety of mounting configurations, input voltages, brackets, dip tubes, flow meters, fittings, hoses and valves to meet application needs
- Ease of use provided by a complete, out-of-the-box system and self-priming from a dry state
- Time-saving, efficient chemical transfer facilitated by market-leading flow rates
- Two-year limited warranty

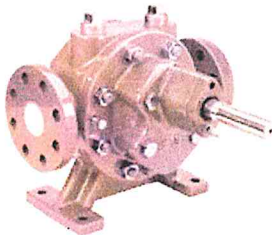
SPECIFICATIONS

Flows to: 4 m³/h (18 gpm)

Refer to literature PSS-90-20.23 and PSS-90-20.24 at flowserve.com/library.

GEAR

GR



Worthington

GR pumps provide high efficiency, pulse-free pumping, even under challenging conditions. They are designed to handle viscous fluids (up to 20 000 cP) across a broad spectrum of flows and pressures.

- Increased uptime while accommodating heavy, highly viscous loads made possible by double-helical herringbone gears and between-bearings design
- Lower operating costs provided by high-speed capability, which eliminates expensive speed reduction accessories and enables the use of off-the-shelf motors
- Application flexibility facilitated by convertible stuffing box, which allows for ample packing or mechanical seals

SPECIFICATIONS

Flows to: 275 m³/h (1200 gpm)

Press. to: 35 bar (500 psi)

Temp to: 350°C (650°F)

Refer to literature PS-60-4 at flowserve.com/library.

GEAR

GA



Worthington

GA cast iron gear pumps have long been workhorses in highly viscous applications (to 5000 cP) within a multitude of industries due to their reliability, efficiency and low total lifecycle costs.

- Dependable, quiet, pulse-free operation made possible by superior between bearings design and external double-helical, herringbone gear design
- Lower operating costs provided by high-speed capability, which eliminates expensive speed reduction accessories and enables the use of off-the-shelf motors
- Reduced maintenance with inherently hydraulically balanced design that eliminates end thrust and the need for thrust bearings
- Convertible stuffing box, which allows for ample packing or mechanical seals

SPECIFICATIONS

Flows to: 570 m³/h (2500 gpm)

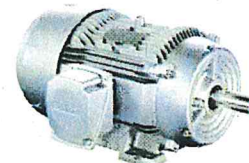
Press. to: 17 bar (250 psi)

Temp: 175°C (350°F)

Refer to literature PS-60-4 at flowserve.com/library.

Data sheet for three-phase Squirrel-Cage-Motors

Totally Enclosed Fan Cooled (TEFC)



MLFB-Ordering data: 1LE2321-1CC31-4EA3

Motor type: SD100 - NEMA Premium Efficiency

Client order no.:

Order no.:

Offer no.:

Remarks:

Item no.:

Consignment no.:

Project:

U [V]	Δ / Y	f [Hz]	P [HP]	P [kW]	n [rpm]	I Load [Amps]					Nom. Eff Load [%]			Pwr. Factor Load [%]			Torque [lb-ft]	T _A /T _N LRT [%]	T _M /T _N BDT [%]
						4/4	3/4	1/2	0	LRC	4/4	3/4	1/2	4/4	3/4	1/2			
460	Y	60	2.00	1.50	1,160	3.20	2.70	2.30	1.90	20.0	88.5	88.7	87.5	66.1	58.8	46.5	9.1	242	308
230	YY	60	2.00	1.50	1,160	6.40	5.39	4.60	3.80	40.0	88.5	88.7	87.5	66.1	58.8	46.5	9.1	242	308

Frame Type	Type of constr.: (E) Foot mounted - C-Face	Ins. Cl.: F	Motor Prot.: (A) Without Protection	NEMA Des.: B	S.F.: 1.15
Mtr. WT: 133 lbs	Mounting: (3) F-1, Standard Floor Mount, T. Box LHS	Temp. Rise Cl.: B	Amb. Temp.: +40 to -20 °C @1000 m	kVA: J	IP55

Mechanical data

WK2

Rotor Moment of Inertia:

0 Lb-ft²

Ext Load Inertia Capability:

30.0 Lb-ft²

Safe Stall Time

Hot:

23.0 s

Cold:

32.0 s

Typical Noise Data

A-weighted Sound

Sound Pressure:

54.0 dB(A)

Sound Power:

63.0 dB(A)

Octave Band Center Frequencies Hertz

	250	500	1000	2000	4000	8000	Hz
SPL@3 feet	36.0	46.0	52.0	47.0	41.0	31.0	dB(A)

Bearings

	DE	NDE
Bearing size:	6206 Z C3 S0	6206 Z C3 S0
Bearing Type:	Ball Bearing	Ball Bearing
AFBMA:	30BC02JP30	30BC02JP30

Grease

Capacity:	0.20 oz	0.20 oz
Type:	Exxon Mobile EM	
Thickener:	Polyurea	

Frame

Frame material: cast iron

Coating (paint finish): Standard Paint

Color, paint shade: RAL 7030

Terminal box

Terminal box position: (3) F-1, Standard Floor Mount, T. Box LHS

Lead Wire Connection

Description:

9 LEAD - WYE

Voltage	L1	L2	L3	Connected together
LOW	T1 T7	T2 T8	T3 T9	T4 T5 T6 Y Y
HIGH	T1	T2	T3	T4 T7-T5 T8-T6 Y

Ventilation Type

Type of Cooling: TEFC

Fan Material: Polypropylen ESD

Fan Rotation: Bidirectional

Additional Information

VFD Operation: CT: 4:1

VT: 20:1

Area: classification: Class I Division 2 Gr. A, B, C or D

Notes

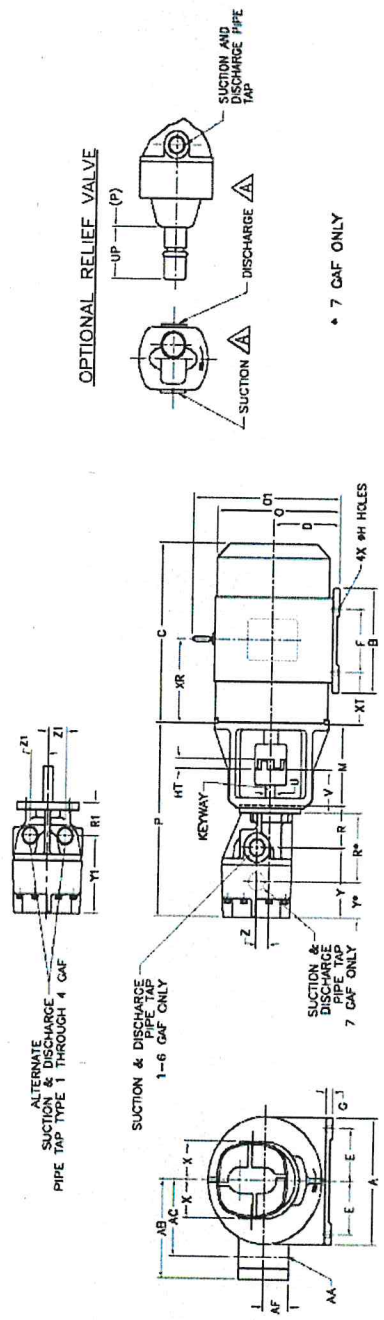
I_{L}/I_N = locked rotor current / current nominal T_A/T_N = break down torque / nominal torque
 T_A/T_N = locked rotor torque / torque nominal ¹⁾ Value is valid only for DOL operation with motor design IC411

Technical data are subject to change! There may be discrepancies between calculated and rating plate values.

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General Notes:

1. Consult Instruction Manual Before Installing Pump.
2. All dimensions given in inches.
3. All pipe taps are standard NPT threads.
4. Standard tolerance for customer pipe connections are ± 0.25 inches on all (2) place decimal dimensions.
5. Foundation bolts and piping should not be set rigidly until receipt of equipment.
6. Driver dimensions are approximate. Refer to a certified driver dimension drawing for exact dimensions if needed.
7. The design and piping system, foundations, and other areas of system design are responsibility of customer.
8. All GAF pumps may be operated in either direction without modification. With opposite rotation, suction and discharge will be interchanged.



Pump Dimensions														
R	R1	X	X1	Y	Y1	Z	Z1	U	UP	V	A	B	D	
3.00	2.74	2.75	2.36	4.75	5.26	1.00	1.38	0.7491	3.25	2.50	9.00	6.50	4.50	
E	F	G	H	M	XT	C	O	O1	XR	AA	AB	AC	AF	
3.75	4.50	0.62	0.41	6.38	3.62	13.81	9.25	11.25	6.12	0.75	7.18	5.82	2.42	

Pump Size	4GAF
Motor Frame Size	182TC
Suction Size (NPT)	1.00 in
Discharge Size (NPT)	1.00 in

Customer	:	Distributor	:	Pump Model #	:	4GAFM100	Date	:	4/27/2020
Pump Tag #	:	Gear Pumps	:	Pump Speed (rpm)	:	1200			
Quote Ref. #	:		:	Driver Power / Frame	:	182-184TC			
				Volts / Phase / Hz	:	230-460/3			
				Sealing Type	:	Mechanical Seal			

