



Bid Number 50 - 123656

One time purchase of new 12 inch diesel powered trailer mounted wastewater trash pumps for Jefferson Parish Drainage Department.

August 9, 2018 AT 2:00 PM

ATTENTION VENDORS!!!

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

**Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053
Donna Reamey
Dreamey@Jeffparish.net
504-364-2684**

TECHNICAL SPECIFICATIONS FOR: 12" Automatic Dry Priming Centrifugal Pump

LOUISIANA DEALER'S LICENSE

In accordance with LA RS 32:1254 et seq and LA RS 38:2212.8, a Louisiana State Dealer's License is required. All bidders must provide a copy of their valid Louisiana Dealer's License **with** their bid submission. Failure to submit this copy will result in bid rejection.

• GENERAL DESCRIPTION

These specifications call for the fabrication, delivery, and acceptance of four (4) new 12" Diesel Powered, Trailer Mounted Wastewater Trash Pumps. All four units shall be identical and each unit comply with all specifications listed herein.

Where exact compliance to the specifications as contained herein is not offered, bidders shall attach a letter of exceptions to their bids. Letters of exceptions shall refer to specific specifications herein and shall fully explain in detail where 12" Diesel Powered, Trailer Mounted Wastewater Trash Pump offered differs from requirements as spelled out herein. Bidders are warned that 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.

The unit shall be a 12-inch portable horizontal self-priming centrifugal trash pump driven by a water-cooled diesel engine. The pump shall be self-priming and capable of handling large volumes of air, water, and solids. End-suction centrifugal pumps requiring add-on systems for priming shall not be considered.

- The complete pump package shall be manufactured in a plant that is registered to ISO9001:2015 and a copy of the Certificate may be requested by Owner before bid acceptance.
- Pump shall conform to all Federal (OSHA) requirements.
- Trailer shall conform to DOT Vehicle code requirements.

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- Drive unit shall conform to all EPA Emission standards for air quality, Tier III. No Tier IV units will be acceptable.
- Bids will be accepted for consideration on any make and model that is equal to or superior to the specified MWI Primerite® CT012, 12"X12" Inch Trailer Mounted Pump.

- **SCOPE**

- The purpose of this specification is to secure four complete units of the necessary equipment and accessories that will comprise an electrically and mechanically safe 12" dry-priming, automatic self-priming to 20 ft. of head centrifugal trash pump described herein. A detailed list of components required is included, and is the basis on which the supplier's proposal must be made. All necessary items needed to operate the unit even though not mentioned in the specifications must be supplied. All equipment, materials and workmanship shall be of the highest grade and constructed under modern manufacturing practices. All equipment provided will be manufactured from component levels, no re-packaging or modifications of another manufacturer's equipment will be allowed.

- **GENERAL REQUIREMENTS**

- The equipment shall be new current model year production. All equipment indicated as standard in the manufacturer's published literature shall be included, whether or not it is called for in this specification. Optional equipment necessary to comply with this specification shall also be included. Include model or part numbers of the equipment that will be provided throughout this specification.

- **EQUIPMENT DESCRIPTION**

- The portable trash pump specified in this section will be used to pump raw sewage or similar.
- The pump and accessories shall be supplied by the pump manufacturer.
- The pump shall be fitted with a fully automatic priming system incorporating an air compressor, and an air ejector assembly. The priming system shall be capable of priming the pump from a completely dry pump casing. The air ejector shall

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operate on the discharge side of the compressor, eliminating the possibility of water being drawn into the air source. The pump must be capable of running totally dry for periods up to 24 hours, then re-priming and returning to normal pumping volumes.

- The priming system shall not use a vacuum or diaphragm pump, nor require the use of a "Foot" type valve. It shall contain no moving parts or protective float gear. Priming systems that require manual water additions to facilitate pump priming are not acceptable. A demonstration of the pump's ability to repeatedly cycle from dry suction / pump / snore. Re-priming pump shall be required if requested by the customer. This will necessitate the draining of all residual water from the pump case to initiate a dry suction starting condition.
- The diesel engine driven pump unit with skid base and integral fuel cell shall be mounted on a trailer suited for highway travel at 50 M.P.H. and wired for over the road usage per applicable D.O.T. Standards.
- Pump and priming system shall be fully automatic, needing no form of adjustment or manual addition of water for the priming system. The pump shall be capable of static suction lifts to 20 vertical feet, at sea level. It shall also be capable of operation using extended suction lines.
- Equipment acceptance shall be contingent upon the pump's ability to run continuously at full speed in a completely dry condition for periods up to 24 hours. This may require the draining of all residual water in the pump casing to simulate a dry suction case condition.
- The pump offered shall be the manufacturer's standard production model. It shall have been in continuous use by municipal and industrial owners for a minimum of five years.

- **DRIVE UNIT**

- The drive unit shall be a diesel water-cooled engine. The engine shall drive the pump by use of direct connected intermediate drive plate. Starter shall be 12 volt electric. Safety shut down switches for low oil pressure and high temperature shall be integral to the engine control panel. Battery shall have 180-amp hour rating. The engine control panel shall include a tachometer and an hour meter. Drive unit shall be a John Deere 6068 or equal, rated at 140 hp (continuous) at

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2000 RPM. A certified continuous duty engine curve shall be supplied to the owner/engineer.

- Engine shall be TEIR 3 emission certified. Model John Deere 6068D, crankcase vapor recovery to be included.
- ENGINE CONTROL PANEL: Engine speed shall be adjustable to operate the pump between maximum and minimum design operation speeds in manual mode. Unit comes with Controls Inc. auto start/stop panel with floats.
- FUEL SOURCE: Fuel tank capacity shall be sufficient to provide at least twenty-four (24) hours of operating time at full load. The engine shall be capable of operating satisfactorily on a commercial grade of distilled No. 2 fuel oil. Fuel tank to be fitted with a balanced leveling device, mounted on trailer, and capable of carrying 198 gallons of fuel.
- EXHAUST: Exhaust system shall include muffler and silencer of suitable size.

- **DESIGN REQUIREMENTS**

- Operating speed (maximum) 1770 rpm
- Maximum solids handling size 4 inches
- Impeller diameter 13.78 inches
- Suction size 12 inches
- Discharge size 12 inches
- Maximum suction lift 20 feet
- Maximum duty point 3000 GPM at 90'TDH (including a 10' suction lift)
- 3.1.8 second duty point 5000 GPM at 60'TDH (including a 10' suction lift)

- **PUMP**

- CASING, SUCTION COVER: Pump castings shall be High-grade, spheroidal graphite (ductile) cast iron. Pump design shall incorporate a direct suction flow path that is in axial alignment with the impeller eye. There shall be no turns, chambers or valves between the suction flange and the impeller eye.
- IMPELLER The pump impeller shall be an open, 3-bladed, non-clog type with pump out vanes on the back shroud and fabricated from hardened, high-chromium, wear-resistant cast iron – KmTBCr26 with Brinell hardness > 558, with diameter of 13.78".

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- WEARPLATES: Shall be fully replaceable, fabricated of hardened, high-chromium, wear-resistant cast iron – KmtBCr26 with Brinell hardness > 558 cast iron. Wear plate clearances shall have no relationship to the ability of the pump to achieve a prime.
- BEARINGS AND SHAFTS: Pump shall be fitted with a bearing bracket to contain the shaft and bearings. Bearings shall be tapered roller bearings of adequate size to withstand imposed loads for sustained pumping at maximum duty points. Minimum ISO L10 bearing life to be 100,000 hours. Impeller shafts shall be fabricated of 1.5% chromium alloy.
- SEALS: Seals shall be high pressure, mechanical self-adjusting type with silicon carbide faces capable of withstanding suction pressures to 100 psi. The mechanical seal shall be cooled and lubricated in an oil bath reservoir, requiring no maintenance or adjustment. Pump shall be capable of running dry, with no damage, for periods up to 24 hours. All metal parts shall be of stainless steel. Elastomers shall be Viton.
- PUMP SUCTION AND DISCHARGE FLANGES: Shall be cast iron ANSI (B16.1) Class 150, flat faced.
- PUMP GASKETS: Shall be compressed fiber and/or Teflon.
- PUMP O RINGS: Shall be Buna.
- PRIMING SYSTEM: Pump shall be fitted with a fully automatic double venturi priming system for easy field troubleshooting, incorporating a twin-cylinder compressor and air ejector assembly, no vacuum pump. The compressor shall be installed on the engine auxiliary drive and shall be gear driven, lubricated and cooled from the engine. The priming system shall require no fail-safe protection float gear or any adjusting at high or low suction lifts. Pumps with self-priming chambers modified with vacuum priming systems shall not be accepted as equal.

- **ASSOCIATED EQUIPMENT**

- CHECK VALVE: Each pump shall be supplied with an integral swing type check valve mounted on the discharge of the pump allowing unrestricted flow from the impeller. The check valve shall prevent in-line return of flow when the pump is

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shut off. Non-return valve elastomers shall be Nitrile rubber and shall be field replaceable.

- SUCTION HOSE: Each pump shall be supplied with 20 feet of flange x flange suction hose rated for both suction and discharge for heavy-duty applications requiring combined vacuum and higher working pressures. The suction hose shall have a minimum working pressure of 28 psi at 72 degrees Fahrenheit, a vacuum rating of 25 inches of mercury at 72 degrees Fahrenheit, and have a weight less than 11 pounds per foot of length.

Suction hose shall be Kanaflex Kanaline SR series or approved equal.

- DISCHARGE PIPING: Each pump shall be supplied with 50 feet of 12 inch black PVC/ Nitrile rubber discharge hose (flange x flange) having required working pressure of at least 115 psi. The discharge hose shall resist kinking, stretching, and twisting and shall have a ribbed cover to provide resistance to weathering & abrasion, and shall weigh less than 4 pounds per foot.

The discharge hose shall be Shipyard Supply 600NT Nitrile Rubber Discharge Hose or approved equal.

- FITTINGS: Two 12" 90 degree elbows shall be provided for the discharge and suction of each pump with flanged ends.
- Flanges: All suction, discharge, and fittings shall conform to ANSI (B16.1).
- Bolts: One complete set and one spare set of B7 studs and HH nuts shall be provided with each flanged adaptor.

- **TRAILER**

- The pump and engine shall be trailer mounted with a pintle type trailer hitch.
- Tires and suspension shall be adequately sized for the required load range ratings.
- Trailer shall be manufactured with a bolt together design, equipped with fenders, surge brakes, front and rear support stands, lifting bar, safety chains, and side and rear reflectors.
- Trailer design shall be in compliance with applicable D.O.T. regulations.

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- **PAINTING**

- A minimum 1-2 mil thick layer of Industrial Acrylic Enamel primer shall be applied to the entire pump set prior to the finish coat. A minimum 1-2 mil thick layer of Industrial Acrylic Enamel Paint shall be applied over the primer coat.
- Pump, engine, and trailer shall be shop primed and finish painted at the place of manufacturer. Materials and thickness for priming shall be in accordance with manufacturer's standards.
- The complete pump assembly shall be prepared inside and outside using standards SSPC-SP10 / (Near-White Blast cleaning) and painted with a high build epoxy primer/finish, Axalta Imron polyurethane or equal, to a dry film thickness of 8.0 mils.

- **EXHAUST**

- Exhaust system shall include muffler and silencer of suitable size.

- **SPARE PARTS**

- In addition to the factory installed filters for the diesel drive unit, the Contractor shall provide one complete set (when applicable) of spare oil filters, fuel filters, air filters with pre-filters, vapor recovery system filters, and water filters.
- In addition to the oil required to fill the engine, the contractor shall provide enough oil for one complete oil change of specified lube oil.
- In addition to the coolant required to fill the engine and piping systems, the contractor shall provide enough coolant for one complete change of specified coolant.

- **WARRANTY**

- The entire pump system and controls shall be warranted for 1 year by the manufacturer against defects in material and workmanship, under normal use and service from the date of shipment from the factory as described in the warranty certificate. The vendor shall have a certified shop which must maintain

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units of equal size and must be able to provide emergency parts within 3 hours from notification of pump failure during the warranty period.

- **SERVICE FACILITY**

- The pump supplier shall own and operate a service facility stocked with spare parts for the 12" trash pump being provided.

- **DELIVERY**

- The work under this contract shall consist of providing all pumping equipment including the pumps, drive units, and all piping, appurtenances and mechanical system as specified herein. Vendor shall notify Drainage Department two (2) weeks prior to delivery. Pumping units along with all piping, controls, flanges, and accessories are to be delivered to the Ames pump station warehouse at 5100 Rochester Drive, Marrero Louisiana. 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 one hundred eighty (180) calendar days.

- **OPERATION AND MAINTENANCE MANUAL / PUMP CURVES**

All items shall be furnished at the time of pump delivery.

- One (1) set of operating and maintenance manuals and start up procedures per pump unit shall be provided to the owner as a hard copy and in pdf format on a CD. Vendor along with pump manufacturer shall train and instruct owner's operator on all equipment. The vendor shall provide four (4) hours of training during the startup tests upon delivery.
- One (1) copy of certified pump performance curves per each unit will be furnished by manufacturer. The curve shall be stamped as certified (correct) by a Registered Professional Engineer in the state in which the pumps are tested and manufactured. The curve shall show the pump capacity, discharge head, speed, NPSH, and Brake horsepower requirements.

A certified continuous duty engine curve shall be supplied for each engine.

DATE: 7/25/2018
BID NO.: 50-00123656

INVITATION TO BID
THIS IS NOT AN ORDER

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JEFFERSON PARISH

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

BUYER: DREAMEY@jeffparish.net

BIDS WILL BE RECEIVED IN THE WEST BANK PURCHASING DEPT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 8/09/2018 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.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Further, a current W-9 form and respective Tax Identification number must be supplied upon contract execution, should you be awarded a contract and/or issued purchase order. Failure to do so may result in delay of payment.

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

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

Bidders should submit all questions in writing via email to the buyer's email address as indicated above, no later than Five (5) working days prior to the bid opening. Bid numbers should be mentioned in all requests. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

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

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

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

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

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

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 submitted a bid in response to this solicitation may submit a protest in writing to the Director of the Purchasing within 48 hours of bid opening. The Purchasing Director will review it in connection with the Parish Attorney's Office which will then respond in writing as soon as possible.

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

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.

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

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

7. **PUBLIC WORKS BIDS:** All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. **NON-PUBLIC WORKS BIDS:** A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. **NON-PUBLIC WORKS BIDS:** A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Prior to contract executions/purchase order issuance, the successful bidder will be required to provide final insurance certificates which shall name Jefferson Parish as an additional insured in accordance with the instructions in the aforementioned "Standard Insurance Requirements" sheet.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies) If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. **PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required;** This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
15. **NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required** in conformity with the provisions contained in LSA – RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted with bid submission. Failure to submit applicable certifications with bid submission will result in bid rejection.
17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment"). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owned on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session – Louisiana Revised Statute 47:301(8)(c). Owner will furnish contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment

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

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 XMAXIMUM ESCALATION PERCENTAGE REQUESTED N/A %INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF August 9, 2019

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

90 Days - ARO

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

N/A**THIS SECTION MUST BE COMPLETED BY BIDDER:**FIRM NAME: Thompson Pump and Manufacturing Company Inc.ADDRESS: 4620 City Center DriveCITY, STATE: Port Orange, FLZIP: 32129TELEPHONE: (386) 767-7310FAX: (386) 761-0362EMAIL ADDRESS: dperry@thompsonpump.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: Addendum #1- AttachedNUMBER: Addendum #2- Attached

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 285,960.00

AUTHORIZED

SIGNATURE: David Perry

Printed Name

TITLE: Municipal Sales Manager

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.: 50-00123656

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	4.00	EA	ONE TIME PURCHASE OF FOUR NEW 12 INCH DIESEL POWERED, TRAILER MOUNTED WASTEWATER TRASH PUMPS. 0010 - Fabrication, delivery, and acceptance of new 12" Diesel Powered, Trailer Mounted Wastewater Trash Pumps. All four units shall be identical and each unit comply with all specifications listed herein.	\$71,490.00	\$285,960.00

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF
Thompson Pump and Manufacturing Company
INCORPORATED.

AT THE MEETING OF DIRECTORS OF Thompson Pump and Manufacturing Company
INCORPORATED, DULY NOTICED AND HELD ON June 29, 2017,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

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

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



SECRETARY-TREASURER

6-26-18

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 Florida

PARISH/COUNTY OF Volusia

BEFORE ME, the undersigned authority, personally came and appeared: _____
David Perry, (Affiant) who after being by me duly sworn, deposed and said that
he/she is the fully authorized Legal Agent of Thompson Pump & Manufacturing Co. Inc. (Entity),
the party who submitted a bid in response to Bid Number 50-123656, 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.


Signature of Affiant

David Perry
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME
ON THE 26th DAY OF JUNE, 2018.


Notary Public

Printed Name of Notary

Notary/Bar Roll Number



My commission expires _____.



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Renny Simno
Director

July 2018

CHANGES TO JEFFERSON PARISH BIDDING PROCEDURES

The East bank Office of Purchasing is now open! We are located in the Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Suite 404, Jefferson, LA 70123. Bidders may submit bid responses at this location, pending authorization in each bid package. **Bidders should carefully read and must respond accordingly per the requirements of the bid packages. NOTE: Bidders submitting bids on the day of bid opening, bidders must submit at the West Bank location only.**

Other Changes Continued:

- For all advertised sealed bids, written evidence of signature authority must be included with bid submission.
- Current W9 Forms 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, a current W-9 form must be supplied upon contract execution, should you be awarded a contract and/or issued a purchase order.
- **Proof of insurance in the form of a current certificate evidencing coverages is required with bid submission.** Bidders must read the insurance requirements attachment included in each bid package for specific instructions. Upon contract execution, successful bidder must produce final insurance certificates in accordance with Jefferson Parish insurance requirements.

Bidders should reference the "Additional Requirements" section of the bid instructions and/or the "Important Notice to Bidders" included in the bid package for specific requirements to respond accordingly.

For more information, please call Jefferson Parish Purchasing at 504-364-2678.

Joseph S. Yenni Building – 1221 Elmwood Park Blvd., Ste. 404, Jefferson, LA 70123
Office 504.364.2678
General Government Bldg. – 200 Derbigny St – Suite 4400 - Gretna, LA 70053
Office 504.364.2678
Email: Purchasing@jeffparish.net Website: www.jeffparish.net



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Renny Simno
Director

July 30, 2018

ADDENDUM # 1

Bid No.: 50-00123656

Bid Opening Date: 08/09/2018

For: One time purchase of new 12 inch diesel powered trailer mounted wastewater trash pumps for Jefferson Parish Drainage Department.

ANSWERING VENDORS QUESTIONS:

1). Why is a motor vehicle dealer's license required to sell **PUMPS** to Jefferson Parish?

ANSWER: The Louisiana dealer's license is not applicable to this bid. Remove the requirement on page one of specifications sheet.

2) Do you all have an exemption for using a Tier III engine because of limited run time?

ANSWER: Jefferson Parish would be using the portable pump units during emergencies with limited run times.

3). Will you accept a Tier IV engine in lieu of a Tier III?

ANSWER: Tier IV engines will not be accepted.

Sincerely,

Donna Reamey

Donna Reamey, Buyer II
Jefferson Parish Purchasing Department

<p>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.</p>

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.



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Renny Simno
Director

August 1, 2018

ADDENDUM # 2

Bid No.: 50-00123656

Bid Opening Date: 08/09/2018

For: One time purchase of new 12 inch diesel powered trailer mounted wastewater trash pumps for Jefferson Parish Drainage Department.

ANSWERING VENDOR QUESTION:

1). Clarify the number of bolts required in the section "Associated Equipment" on page six of specification sheets.

ANSWER: 4 sets of bolts for each pump package.

Sincerely,

Donna Reamey

Donna Reamey, 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.



Thompson Pump & Manufacturing Co., Inc.
4620 City Center Drive, Port Orange, FL 32129
Office: (800) 767-7310

August 9, 2018

Jefferson Parish Purchasing Department
200 Derbigny Street- General Government Building, Suite 4400
Gretna, LA 70053

RE: Compliance Letter

Attn: Donna Reamey

Please be advised that Thompson Pump model 12JSCJ-DJDST-45H-X complies with all the functional requirements of the technical specifications for 12" Automatic Dry Priming Centrifugal Pump included within Bid No. 50-00123656. All product information provided will allow Jefferson Parish to evaluate equivalence to the MWI CT012 specified.

Exception #1: Impeller: Thompson Pump offers a two blade, 12.88 inch, enclosed, ductile iron, impeller design with 3" solids handling capability. This design improves efficiency and reduces wear of the impeller. Impeller can be hardened to 550 Brinell. Also, other impeller designs are available for specific needs.

Exception #2: Priming System: Thompson Pump offers an Enviroprime System which incorporates an air/water separation chamber, engine mounted compressor, and venturi device to automatically prime and re-prime the pump from a dry state. This system also ELIMINATES BLOW-BY which is defined as excess wastewater being re-circulated back to the sump or being discharged into the surrounding environment. Also, Thompson Pump offers a lifetime warranty on the venturi device.

Exception #3: Thompson Pump is capable of the 3,000 GPM at 85' TDH duty point as shown in the literature provided. If needed, the engine maximum RPM can be set to 1,900 to easily achieve this duty point.

Thompson Pump & Manufacturing Company provides equipment and services that are equal to, and in some cases superior to, the MWI Pumps brand. If needed, we would like to request an opportunity to present the Thompson Pump 12JSCJ- design and clarify any questions pertaining to equivalence to the technical specifications.

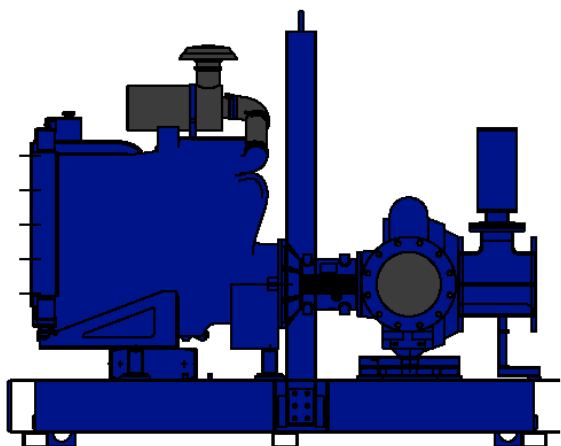
Sincerely,

David Perry, Thompson Pump & Manufacturing Co., Inc.
Municipal Sales Manager
PH: 386-527-3265
E: dperry@thompsonpump.com

With its heavy-duty cast-iron construction, ability to dry-prime and re-prime automatically, this end-suction centrifugal pump leads the industry in construction, industrial and mining applications. The Thompson 12JSCJ-DJDST-45H-X Solids Handling Jet Pump is designed for high flows to 7,300 gpm and moderate heads to 102 feet making it perfect for sewage bypass pumping or general construction dewatering.

ENVIROPRIME SYSTEM® with Compressor

Thompson's innovative priming system preventing blow-by of sewage, effluent and waste from discharging onto the ground. This system, with Thompson's compressor priming system, offers mid-range air handling capabilities for quick priming.



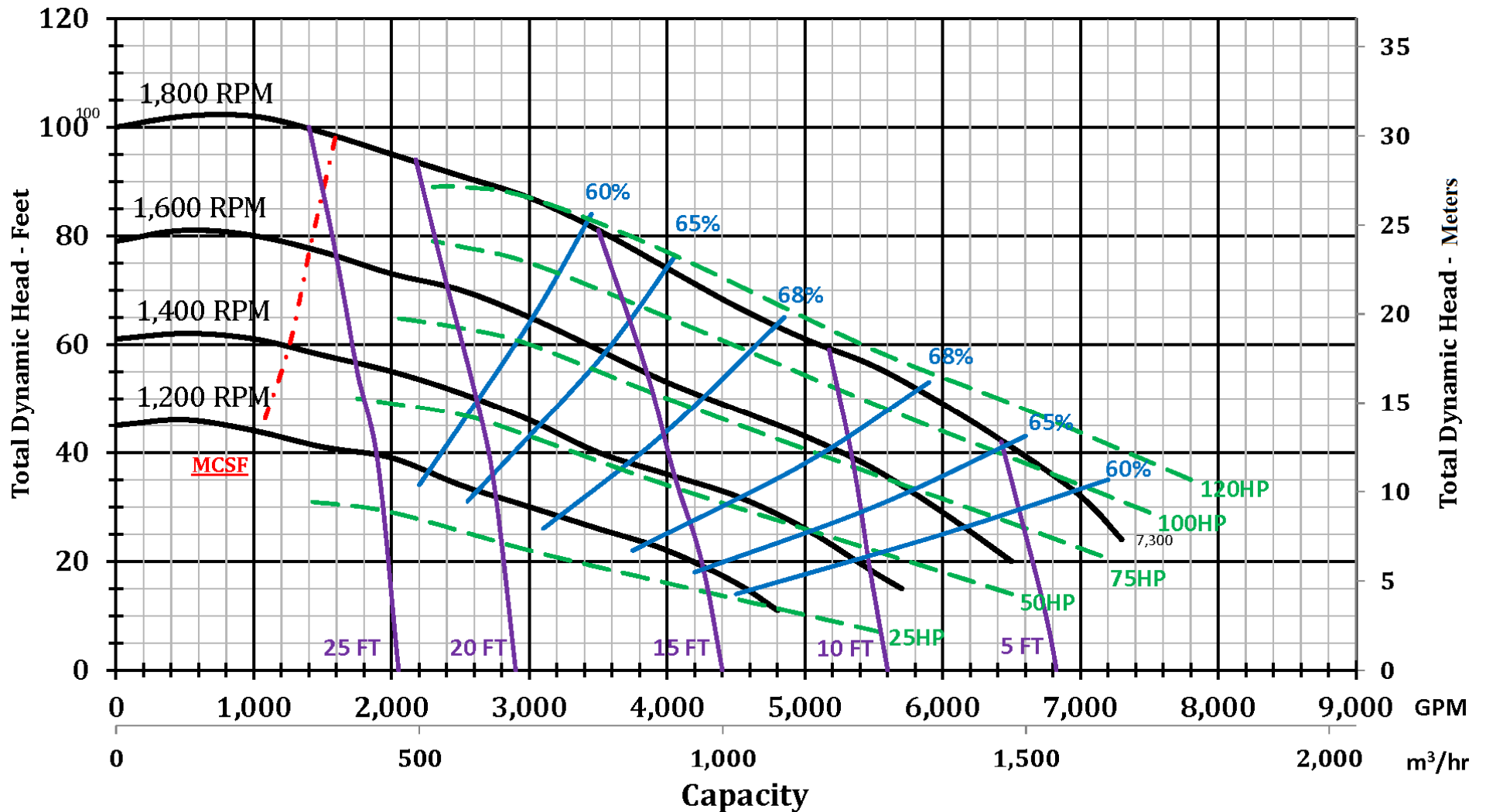
Consult factory for other versions & options including site trailers, sound attenuation, etc.

Materials

Materials	
Pump Casing	Heavy-duty class 30 cast-iron
Impeller	Dynamically balanced, non-clogging, enclosed, 65-45-12 ductile-iron, with rear-equalizing vanes to reduce axial loading and prolong seal and bearing life; diameter 12.88" x 27°
Mechanical Seal	3" run-dry oil lubricated with Tungsten Carbide rotating and Silicon Carbide stationary seal faces. Single inside mounted, non-pusher type with self-adjusting elastomeric bellows. Other components are 304 stainless steel and viton.
Bearings & Frame	Heavy-duty bearing, grease lubricated to carry both axial and radial loads, Heavy-duty class 30 cast-iron frame
Suction Wear Ring	Replaceable, 65-45-12 ductile iron
Shaft	'Stress-proof' steel and fitted with a renewable 416 stainless steel shaft sleeve
Head	Rugged, back pull out design, heavy duty class 30 cast iron with tapered bore design

TECHNICAL SPECIFICATIONS

Suction Size	12 in (30.48 cm)	Approximate Dry Weight	6,500 lbs (2948.35 kg)
Discharge Size	12 in (30.48 cm)	Fuel Tank	200 gal (757.08 L)
Maximum Flow Capacity	7300 gpm (1657.1 m³/h)	Fuel Consumption @ 1800rpm	6.24 gph (23.62 L/h)
Maximum Head	102 ft (31.09 m)	Best Efficiency Point	68 %
Maximum Solids Handling	3 in (7.62 cm)	Maximum Operating Times	Fuel Economy
Maximum Operating Speed	1800 rpm	29 hours @ 1800 rpm	0.350 lb/hp-hr @ 1800 rpm
Maximum Operating Temp.	200 °F (93.33 °C)	37 hours @ 1600 rpm	0.351 lb/hp-hr @ 1600 rpm
Maximum Operating Pressure	44.2 psi (304.44 kPa)	55 hours @ 1400 rpm	0.360 lb/hp-hr @ 1400 rpm



Engine Specification

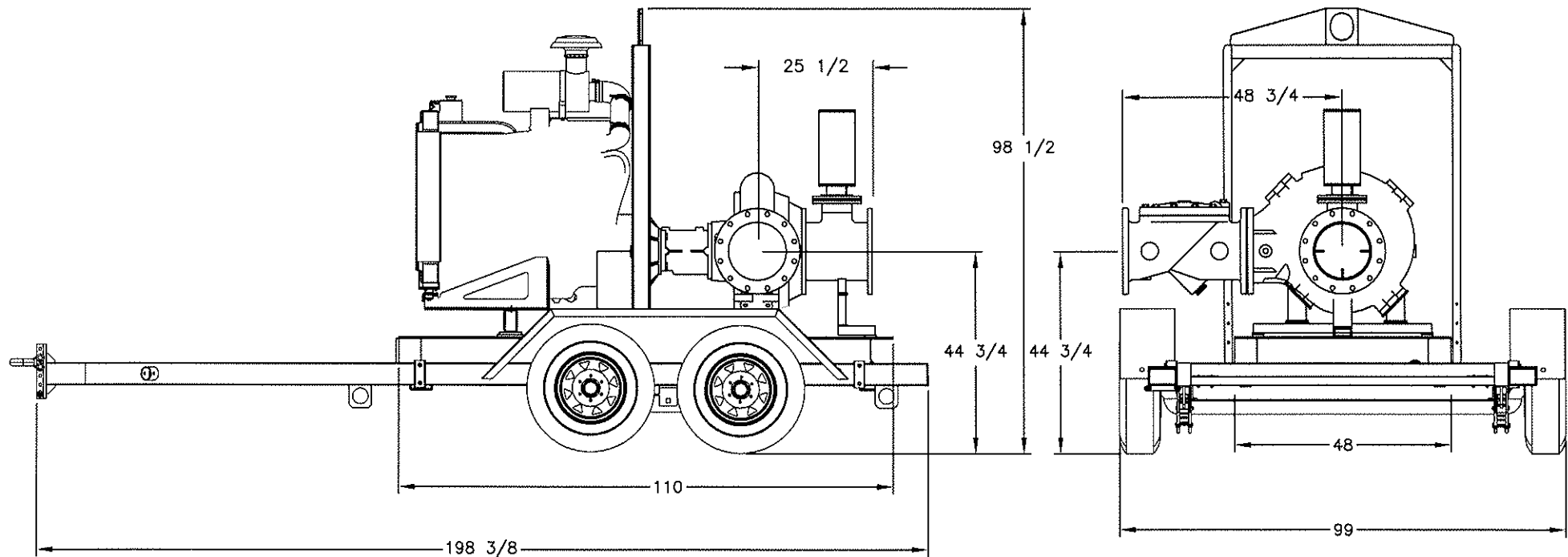
Engine Model	John Deere 4045HF485, 139 hp @ 1,800 rpm	Standard Equipment	Alternator, radiator, muffler and exhaust stack with rain protection
Type	4-cylinder, in-line, 4-cycle, water-cooled, turbo charged, direct-injected, Tier III diesel	Automatic Shut-downs	High coolant temperature; Low oil pressure

Specifications and illustrations are subject to revision without notice and without incurring any obligation for previous or subsequent equipment sold. Thompson Pump (ISO 9001:2008) makes no representation regarding the completeness or accuracy of this information and is not liable for any direct or indirect damages arising from or relating to this information or its use. Capacity & Head are shown for comparative purposes. Consult Thompson factory for exact capabilities.

FOR REFERENCE ONLY

NOTES:

1. DIMENSIONS ARE APPROXIMATE. IN THE INTEREST OF PRODUCT IMPROVEMENT, THOMPSON PUMP RESERVES THE RIGHT TO CHANGE DIMENSIONS AND SPECIFICATIONS WITHOUT NOTICE



DRAWN	STIETZEL	DATE	5/1/12	TITLE
CHECKED	IA	DATE	5/1/12	
APPROVED		DATE		

12JSCJ-DJDST-45H-M FRAME CONCEPTUAL DRAWING
WITH 10.4K TRAILER



SCALE	NONE	DO NOT SCALE DRAWING
SIZE	B	SHEET 1 OF 1
DRAWING NUMBER	C-JSCW08-C156	REV 1

ENVIROPRIME[®] system[®]

The exclusive Thompson Pump Enviroprime System[®] pump system provides reliable, automatic priming with the environmental advantage of not spilling pump fluids during priming.

Enviroprime System[®] pumps are used on many applications where the project site cannot be contaminated by pump fluids, such as sewage or hazardous effluent. The Enviroprime System[®] provides quick initial priming and consistent re-priming along with the ability to prevent the pumping of effluent discharge, commonly known as "blow-by", into the environment. The Thompson Enviroprime System[®] also eliminates the need to fill the pump with water to obtain initial prime at start-up.

When pumping sewage, consideration of possible leaks must be taken because of the effects to the environment and the fines and penalties that may be assessed by the EPA (Environmental Protection Agency) – not to mention the cleanup costs that are associated with an overflow. The Enviroprime System[®] provides this peace of mind.

Specifications

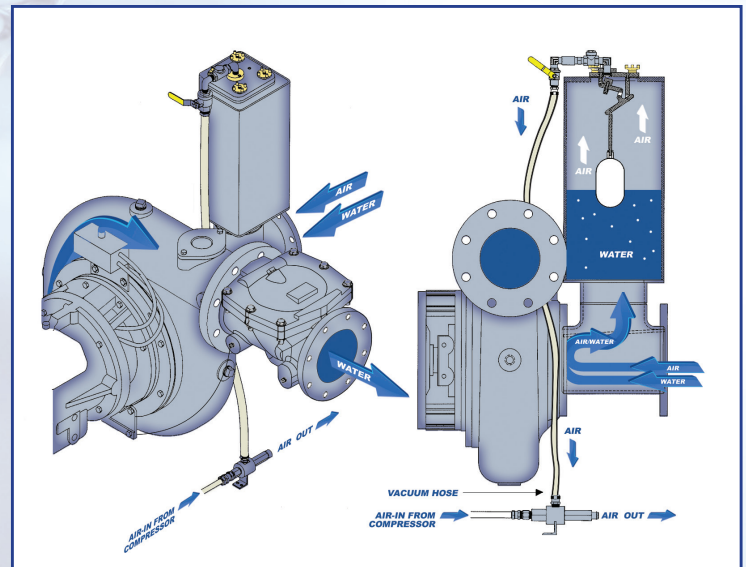
The Enviroprime System[®] is available on pumps sizes 2 to 18 inches with capacities up to 11,000 GPM, heads to 430 feet and can handle solids up to 4-inches.

The Enviroprime System[®] is a multi-purpose compressor-assisted system that offers fully automatic priming, re-priming and continuous operation - with minimal maintenance. Not only are the Thompson Enviroprime System[®] pumps ideal for sewer bypasses but they are versatile enough to handle general dewatering excavations, flood drainage, sludge, canals, sumps and almost any fluid transfer.

Working Principle

This innovative priming system prevents product blow-by from discharging, keeping the surrounding environment clean and safe. The Enviroprime System[®] uses an air compressor to divide air from water, which keeps the pump's venturi from clogging. With the air escaping separately, the fluid can continue through the pump without any unwanted blow-by discharge.

An on-board compressor supplies air to a venturi, providing powerful air suction to the Enviroprime System[®] chamber located at the pump inlet. The chamber empties air from the pump's suction line causing it to fill with water. When the suction line is fully primed, an internal float rises in the Enviroprime System[®] chamber, shutting off the air suction, preventing blow-by leakage to the ground from the venturi opening. During operation, if prime is lost or air enters the the pump suction line, the float automatically actuates, reapplying suction to restore prime or eliminate air pockets.

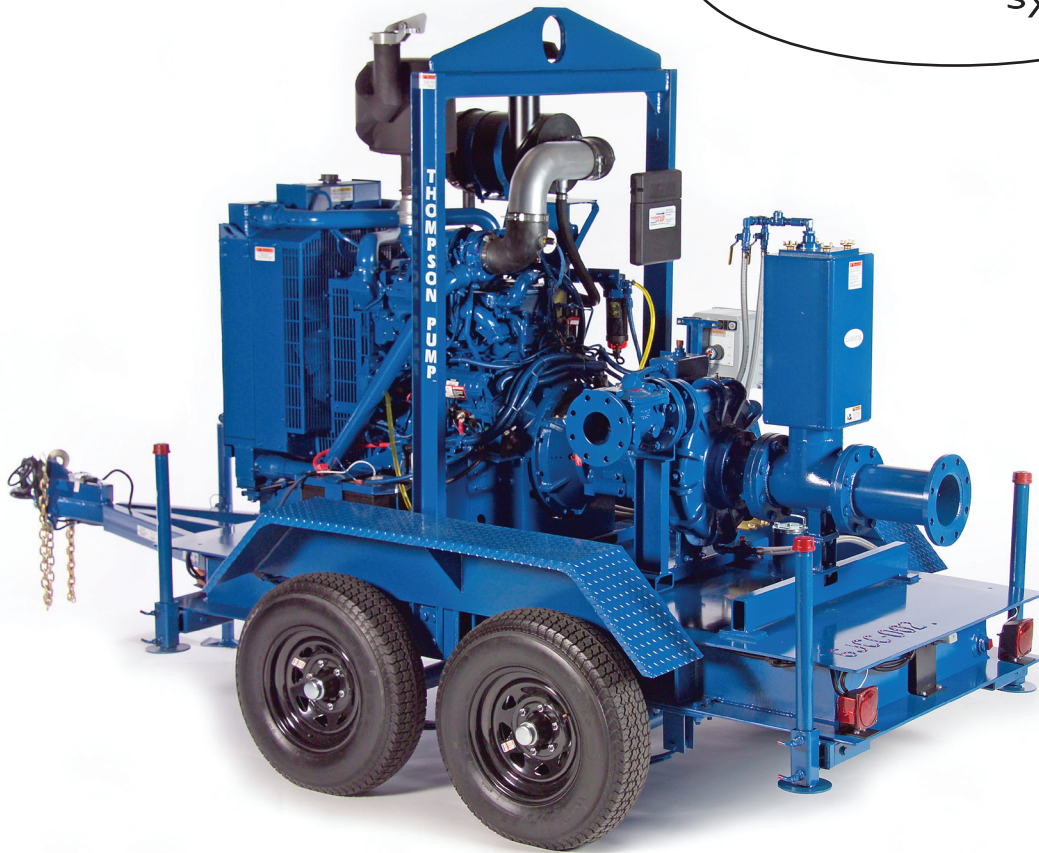


The Thompson Pump Difference

Old technology uses a screen and ball valve assembly that can allow as much as 5 gallons of effluent a minute to continuously pump onto the ground. Additionally, because fluid is permitted to pass through the ejector, the ejector can wear prematurely or clog causing loss of vacuum or prime.

Disposing of the ejector effluent can also be a problem if the effluent is caustic and/or toxic. Capturing and disposing of the effluent with a 5 gallon bucket is not a reasonable alternative since the ejector can exhaust as much as 5 gallons per minute under normal operation and a pump is typically unattended for long periods of time. Furthermore, by placing a hose onto the ejector and routing the effluent back into the sumping manhole the hose can become kinked or restricted. This imparts additional backpressure on the compressor, shortening its life or causing the compressor to relieve all of the air pressure through the relief valve. Once this occurs, the ejector is rendered useless and the pump will not prime. Thompson Pump's units use none of these problem-prone devices.

ENVIROPRIME
system®



Thompson Pump is a full-service manufacturer and provider of heavy-duty portable pumps, pumping equipment and engineering expertise for the toughest pumping applications. Thompson sells and rents wet and dry prime trash pumps, sound attenuated models, diaphragm pumps, hydraulic and electric submersible pumps, high pressure and wellpoint pumps.



Thompson Pump and Manufacturing Co., Inc.
Nationwide 800-767-7310
International 001-386-767-7310
www.thompsonpump.com


**THOMPSON
PUMP**
EXPERIENCE INNOVATION



RECON CONTROL PANELS

With Telemetry and Expandable I/O Options

MODEL: 2000 AND 2000T



RECON2000

RECON

Thompson Pump **RECON** Control Panels are specifically designed and engineered to work with our complete line of dewatering pumps. Our **RECON2000** includes the following features:

- Large display, buttons and more shutdown inputs and relays than the competition
- Easily log data and hours for accurate reporting
- Notification alarm for engine off/on, and failure
- 8 Fully programmable relays and 76 selectable features, including Pump RPMs, Pump Failure, and more
- RS-485 communication ports for communication with SCADA and additional alarm equipment
- Remote operation using pressure/level transducer with backup float switch operation
- Warning alarm event history stores up to 64 events
- Can maintain flow and head parameters using pre-set engine RPM for unattended operation
- Tracks oil and filter usage with automatic alerts when replacement is recommended
- Diesel engine warm up and cool down cycle included
- Interim and Final Tier 4 diesel engine alerts with info showing level of soot in the diesel particulate filter (DPF) and if engine and/or filter needs regeneration
- Includes real-time clock with battery back-up
- Ability to monitor fault codes and warnings

HOSE SPECIFICATIONS

DISCHARGE



BLUE PVC LAYFLAT ASSEMBLIES

PART NO.	SIZE	MAX W.P. PSI	WEIGHT (LBS./FT.)	LENGTH	ATTACHING METHOD	FTNG A	FTNG B
W70-LP-4X50-CXE	4"	55	.48	50	(2) Stainless Ultra-Lok Clamp	Part C	Part E
W70-LP-6X50-CXE	6"	50	.82	50	(2) Stainless Ultra-Lok Clamp	Part C	Part E
W70-LP-8X50-CXE	8"	50	1.21	50	(2) Stainless Ultra-Lok Clamp	Part C	Part E



RED PVC LAYFLAT ASSEMBLIES

PART NO.	SIZE	MAX W.P. PSI	WEIGHT (LBS./FT.)	LENGTH	ATTACHING METHOD	FTNG A	FTNG B
W70-MP-4X50-CXE	4"	90	.62	50	(2) Stainless Ultra-Lok Clamp	TPG Ball	TPG Socket
W70-MP-6X50-CXE	6"	75	1.00	50	(2) Stainless Ultra-Lok Clamp	TPG Ball	TPG Socket
W70-MP-8X50-CXE	8"	50	1.21	50	(2) Stainless Ultra-Lok Clamp	TPG Ball	TPG Socket



OROFLEX LAYFLAT ASSEMBLIES

PART NO.	SIZE	MAX W.P. PSI	WEIGHT (LBS./FT.)	LENGTH	ATTACHING METHOD	FTNG A	FTNG B
W70-HP-4X50-CXE	4"	150	.64	50	Crimped	TPG Ball	TPG Socket
W70-HP-6X50-CXE	6"	150	1.11	50	Crimped	TPG Ball	TPG Socket
W70-HP-8X50-CXE	8"	150	1.51	50	Crimped	TPG Ball	TPG Socket

SUCTION



GREEN PVC SUCTION ASSEMBLIES

PART NO.	SIZE	MAX W.P. PSI	WEIGHT (LBS./FT.)	LENGTH	ATTACHING METHOD	FTNG A	FTNG B
W70-1703-004CE	4"	55	1.69	20	(2) Stainless Ultra-Lok Clamp	Part C	Part E
W70-1703-006CE	6"	47	3.05	20	(2) Stainless Ultra-Lok Clamp	Part C	Part E
W70-1703-008CE	8"	40	6.35	20	(2) Stainless Ultra-Lok Clamp	Part C	Part E



ORANGE KANAFLEX ASSEMBLIES

PART NO.	SIZE	MAX W.P. PSI	WEIGHT (LBS./FT.)	LENGTH	ATTACHING METHOD	FTNG A	FTNG B
W70-1703-004BS-KL	4"	75	1.74	20	Spiral Clamp	TGP Ball	TGP Socket
W70-1703-006BS-KL	6"	70	3.88	20	Spiral Clamp	TGP Ball	TGP Socket
W70-1703-008BS-KL	8"	60	5.54	20	Spiral Clamp	TGP Ball	TGP Socket



HD BLACK RUBBER ASSEMBLIES

PART NO.	SIZE	MAX W.P. PSI	WEIGHT (LBS./FT.)	LENGTH	ATTACHING METHOD	FTNG A	FTNG B
W70-1702-004BS	4"	150	2.79	20	(2) Double Bolt Clamp	TGP Ball	TGP Socket
W70-1702-006BS	6"	150	5.75	20	(2) Double Bolt Clamp	TGP Ball	TGP Socket
W70-1702-008BS	8"	100	6.59	20	(2) Double Bolt Clamp	TGP Ball	TGP Socket

FITTINGS SPECIFICATIONS

CAMLOCKS – PART C / PART E

PART NO.	SIZE	MAX W.P. PSI	WEIGHT (lbs.)
W70-2404-04E	4"	150	2.1
W70-2404-04C	4"	150	3.2
W70-2406-06E	6"	75	6.2
W70-2406-06C	6"	75	7.7
W70-2408-08E	8"	50	10
W70-2408-08C	8"	50	15.5



TPG (GALVANIZED) – BALL / SOCKET

PART NO.	SIZE	MAX W.P. PSI	WEIGHT (lbs.)
W72-3204-014-S77	4"	217	8.00
W72-3204-015-S78	4"	217	4.00
W72-3206-014-S77	6"	175	16.42
W72-3206-015-S78	6"	175	7.00
W72-3208-014-S77	8"	175	24.20
W72-3208-015-S78	8"	175	12.00



STEEL - FLANGE

PART NO.	SIZE	MAX W.P. PSI	WEIGHT (lbs.)
N/A	4"	150	18.15
N/A	6"	150	32.45
N/A	8"	150	56.05
N/A	12"	150	83.18



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. Thompson Pump and Manufacturing Company, 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) _____ (Applies to accounts maintained outside the U.S.)	
	5 Address (number, street, and apt. or suite no.) See instructions. 1496 Herbert Street	Requester's name and address (optional)
	6 City, state, and ZIP code Port Orange, FL 32129	
	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.

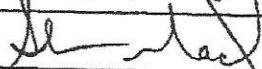
Social security number								
			-				-	
OR								
Employer identification number								
5	9	-	1	2	8	6	3	8 9

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 ► 2-15-18
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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 amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

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



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

12/27/2017

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

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

PRODUCER Williams and Stazzone Insurance 6549 N Wickham Road Unit 101 Melbourne FL 32940	CONTACT NAME: Stephanie Schrader PHONE (A/C, No, Ext): (800)868-1235 FAX (A/C, No): (321)868-2003 E-MAIL ADDRESS: sschrader@wsins.com														
INSURED Thompson Pump & Manufacturing Co. Inc P.O. Box 291370 Port Orange FL 32129-1370	<table border="1"><thead><tr><th>INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr></thead><tbody><tr><td>INSURER A: Westchester Surplus Lines Insurance Co</td><td>10172</td></tr><tr><td>INSURER B: Ace American Insurance</td><td>22667</td></tr><tr><td>INSURER C: Technology Insurance Company</td><td>42376</td></tr><tr><td>INSURER D:</td><td></td></tr><tr><td>INSURER E:</td><td></td></tr><tr><td>INSURER F:</td><td></td></tr></tbody></table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Westchester Surplus Lines Insurance Co	10172	INSURER B: Ace American Insurance	22667	INSURER C: Technology Insurance Company	42376	INSURER D:		INSURER E:		INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #														
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INSURER C: Technology Insurance Company	42376														
INSURER D:															
INSURER E:															
INSURER F:															


COVERAGES**CERTIFICATE NUMBER:** CL17122732667**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS														
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			G24246279007	12/28/2017	12/28/2018	<table border="1"><tr><td>EACH OCCURRENCE</td><td>\$ 1,000,000</td></tr><tr><td>DAMAGE TO RENTED PREMISES (Ea occurrence)</td><td>\$ 100,000</td></tr><tr><td>MED EXP (Any one person)</td><td>\$ 5,000</td></tr><tr><td>PERSONAL & ADV INJURY</td><td>\$ 1,000,000</td></tr><tr><td>GENERAL AGGREGATE</td><td>\$ 2,000,000</td></tr><tr><td>PRODUCTS - COMP/OP AGG</td><td>\$ 2,000,000</td></tr><tr><td></td><td>\$</td></tr></table>	EACH OCCURRENCE	\$ 1,000,000	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 100,000	MED EXP (Any one person)	\$ 5,000	PERSONAL & ADV INJURY	\$ 1,000,000	GENERAL AGGREGATE	\$ 2,000,000	PRODUCTS - COMP/OP AGG	\$ 2,000,000		\$
EACH OCCURRENCE	\$ 1,000,000																				
DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 100,000																				
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PERSONAL & ADV INJURY	\$ 1,000,000																				
GENERAL AGGREGATE	\$ 2,000,000																				
PRODUCTS - COMP/OP AGG	\$ 2,000,000																				
	\$																				
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY			H08453585 008	12/28/2017	12/28/2018	<table border="1"><tr><td>COMBINED SINGLE LIMIT (Ea accident)</td><td>\$ 1,000,000</td></tr><tr><td>BODILY INJURY (Per person)</td><td>\$</td></tr><tr><td>BODILY INJURY (Per accident)</td><td>\$</td></tr><tr><td>PROPERTY DAMAGE (Per accident)</td><td>\$</td></tr><tr><td>Drive other car</td><td>\$</td></tr></table>	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000	BODILY INJURY (Per person)	\$	BODILY INJURY (Per accident)	\$	PROPERTY DAMAGE (Per accident)	\$	Drive other car	\$				
COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000																				
BODILY INJURY (Per person)	\$																				
BODILY INJURY (Per accident)	\$																				
PROPERTY DAMAGE (Per accident)	\$																				
Drive other car	\$																				
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			G24246280007	12/28/2017	12/28/2018	<table border="1"><tr><td>EACH OCCURRENCE</td><td>\$ 5,000,000</td></tr><tr><td>AGGREGATE</td><td>\$ 5,000,000</td></tr><tr><td></td><td>\$</td></tr></table>	EACH OCCURRENCE	\$ 5,000,000	AGGREGATE	\$ 5,000,000		\$								
EACH OCCURRENCE	\$ 5,000,000																				
AGGREGATE	\$ 5,000,000																				
	\$																				
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N <input checked="" type="checkbox"/> N	N/A		TWP3684163	12/28/2017	12/28/2018	<table border="1"><tr><td>PER STATUTE</td><td>OTH-ER</td></tr><tr><td>E.L. EACH ACCIDENT</td><td>\$ 1,000,000</td></tr><tr><td>E.L. DISEASE - EA EMPLOYEE</td><td>\$ 1,000,000</td></tr><tr><td>E.L. DISEASE - POLICY LIMIT</td><td>\$ 1,000,000</td></tr></table>	PER STATUTE	OTH-ER	E.L. EACH ACCIDENT	\$ 1,000,000	E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000	E.L. DISEASE - POLICY LIMIT	\$ 1,000,000						
PER STATUTE	OTH-ER																				
E.L. EACH ACCIDENT	\$ 1,000,000																				
E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000																				
E.L. DISEASE - POLICY LIMIT	\$ 1,000,000																				
A	Pollution Liability Professional Liability			G24246279007	12/28/2017	12/28/2018	<table border="1"><tr><td>Pollution cond ded 10000</td><td>1,000,000</td></tr><tr><td>Ea Occurrence/Agg</td><td>1,000,000</td></tr></table>	Pollution cond ded 10000	1,000,000	Ea Occurrence/Agg	1,000,000										
Pollution cond ded 10000	1,000,000																				
Ea Occurrence/Agg	1,000,000																				

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

CERTIFICATE HOLDER**CANCELLATION**

Thompson Pump & Manufacturing Co., Inc. 4620 City Center Drive PO Box 291370 Port Orange FL 32129	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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CERTIFICATE OF PROPERTY INSURANCE

DATE (MM/DD/YYYY)

12/27/2017

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

If this certificate is being prepared for a party who has an insurable interest in the property, do not use this form. Use ACORD 27 or ACORD 28.

PRODUCER
Williams and Stazzone Insurance
6549 N Wickham Road
Unit 101
Melbourne FL 32940

CONTACT NAME: Stephanie Schrader

PHONE (A/C, No, Ext): (800) 868-1235

FAX (A/C, No): (321) 868-2003

E-MAIL ADDRESS: sschrader@wsins.com

PRODUCER CUSTOMER ID: 00006798

INSURED
Thompson Pump & Manufacturing Co. Inc
P.O. Box 291370
Port Orange FL 32129-1370

INSURER(S) AFFORDING COVERAGE

NAIC #

INSURER A: Ace American Insurance Company

22667

INSURER B:

INSURER C:

INSURER D:

INSURER E:

INSURER F:

COVERAGES

CERTIFICATE NUMBER: CP17122704929

REVISION NUMBER:

LOCATION OF PREMISES / DESCRIPTION OF PROPERTY (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	COVERED PROPERTY	LIMITS
A	<input checked="" type="checkbox"/> PROPERTY	EPRN14319323	12/28/2017	12/28/2018	<input checked="" type="checkbox"/> BUILDING	\$ 27,385,034
	CAUSES OF LOSS				PERSONAL PROPERTY	\$
	BASIC				BUSINESS INCOME	\$
	BROAD				EXTRA EXPENSE	\$
	<input checked="" type="checkbox"/> SPECIAL				RENTAL VALUE	\$
	EARTHQUAKE				BLANKET BUILDING	\$
	<input checked="" type="checkbox"/> WIND				BLANKET PERS PROP	\$
	FLOOD				BLANKET BLDG & PP	\$
					<input checked="" type="checkbox"/> Mobile Equipment Sublimit	\$ 350,000
					Owned/Leased/Rented	\$
	INLAND MARINE	TYPE OF POLICY				\$
	CAUSES OF LOSS	POLICY NUMBER				\$
	NAMED PERILS					\$
	CRIME					\$
	TYPE OF POLICY					\$
	BOILER & MACHINERY / EQUIPMENT BREAKDOWN					\$
						\$
						\$
						\$

SPECIAL CONDITIONS / OTHER COVERAGES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER

Thompson Pump & Manufacturing Co., Inc.
4620 City Center Drive
PO Box 291370
Port Orange, FL 32129

CANCELLATION

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

AUTHORIZED REPRESENTATIVE

R Stazzone/SSCHRA



Orion Registrar, Inc.
Thorough and Fair Auditing

Certificate of Certification

This is to certify the Quality Management System of:

Thompson Pump and Manufacturing Co., Inc.
4620 City Center Drive
Port Orange, FL 32129 USA

Has been assessed by Orion Registrar and found to be in compliance with the following Quality Standard:

ISO 9001:2015

The Quality Management System is applicable to:

**Designer and Manufacturer of Innovative Pumps and
Dewatering Equipment for the Construction,
Public Works, Energy and Mining Markets.**

The Certification period is from

May 22, 2018 to June 26, 2019

This certification is subject to the company maintaining its system to the required standard, and applicable exceptions, which will be monitored by Orion.

Client ID: 1329

Certificate ID: 1014239




Paul M. Burck June 1, 2018
Paul M. Burck, President Date





Limited Warranty Conditions of Sale

This **LIMITED WARRANTY** is extended only to the original consumer/purchaser of products manufactured by Thompson Pump & Mfg., Co., Inc., P.O. Box 291370, Port Orange, Florida, USA 32129-1370. Telephone number: 386-767-7310.

Thompson Pump & Mfg., Co. Inc., hereinafter referred to as "Thompson", warrants the products it manufactures to be free of defects in materials and workmanship. The warranty extends only to the original consumer/purchaser, hereinafter referred to as "Consumer", and commences on the date of sale to said Consumer and remains in effect for a period of twelve (12) months.

THIS WARRANTY DOES NOT COVER:

Adjustment or replacement of maintenance items and wear parts, such as but not limited to, seals, bearings, belts, lubrication and filters.

Any work performed to correct malfunction caused by misuse, negligence or disregard of Thompson's written instructions concerning installation, operation and maintenance of its products.

Additional service work performed above that which is required to satisfy warranty requirements.

Transportation charges, haul-out, travel time, loss of use, penalties or other consequential charges or damages.

Any damage caused by sand or abrasive materials, chemical deposits, corrosion, cavitation, hazardous waste or material, acts of God or other outside forces beyond the control of Thompson.

Engines, electric motors and other items not of our manufacture. Warranty on those items, if any, is the warranty of the manufacturer of such items.

Repairs, adjustments or replacements made without authorization from Thompson or repairs, adjustments or replacements made other than at a service facility designated by Thompson.

Delivery schedules are not covered by any warranty terms, and all dates given are approximate and subject to change without notice.

In the event of any claim of warranty, the Consumer must first obtain permission from the Thompson Factory Customer Service department and then deliver or ship the defective unit or parts, freight prepaid, to the authorized Thompson factory location or any of the Thompson authorized service centers. Thompson agrees that it will replace or repair (at our option) any such unit or parts where the defect results from a breach of its warranty without charge to the Consumer, provided said defect occurred within the warranty period. Thompson or the authorized service centers will not be responsible for the cost of the shipment of said unit or parts to or from Thompson's factory or service centers.

Thompson's warranty obligation with regard to equipment not of its own manufacture is limited to the warranty actually extended to Thompson by its suppliers. Thompson may assist the Consumer with obtaining warranty on an item that Thompson does not manufacture, but cannot guarantee approval of the warranty and will not be held liable. Should a failure of such motor, engine or other component occur during the warranty period, the Consumer must notify Thompson and follow the instructions given. **THIS WARRANTY DOES NOT COVER REPAIRS, ADJUSTMENTS OR REPLACEMENTS MADE WITHOUT NOTIFICATION TO, AND APPROVAL FROM, THOMPSON.**

THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTIES INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND OF ANY OTHER OBLIGATION ON THE PART OF THE SELLER. NO AGENT, EMPLOYEE OR REPRESENTATIVE OF THE SELLER HAS ANY AUTHORITY TO BIND THE SELLER TO ANY AFFIRMATIONS, REPRESENTATION OR WARRANTY CONCERNING THE PRODUCT SOLD UNDER THIS LIMITED WARRANTY. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. IMPLIED WARRANTIES, WHEN APPLICABLE, SHALL COMMENCE UPON THE SAME DATE AS THE EXPRESS WARRANTY ABOVE AND SHALL, EXCEPT FOR WARRANTIES OF TITLE, EXTEND ONLY FOR THE DURATION OF THE WARRANTY.

Some states do not allow limitations on how long the implied warranty lasts, so the above limitations may not apply to you. The only remedy provided to you under an applicable implied warranty or the express warranty shall be the remedy provided under the express warranty, subject to the terms and conditions contained therein. Thompson shall not be liable for incidental or consequential losses and damages under the express warranty, any applicable implied warranty or claim for negligence, except to the extent that this limitation is found to be unenforceable under applicable state law. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Thompson Pump Factory Owned Branch Locations

Port Orange, FL

1496 Herbert St. (Adm)
4620 City Center Dr. (Shop)
Port Orange, FL 32129
PO Box 291370
Office: 386-767-7310
Fax: 386-761-0362
Toll Free: 800-767-7310

Delmar, DE

38190 Old Stage Road, Unit A
Delmar, DE 19940
Office: 302-907-0292
Fax: 302-907-0532
Toll Free: 888-957-0065

Ft. Myers, FL

5491 Division Dr.
Ft. Myers, FL 33905
Office: 239-690-0600
Fax: 239-690-0904
Toll Free: 877-689-7634

Jacksonville, FL

6743 Greenland Industrial Blvd.
Jacksonville, FL 32258
Office: 904-292-4883
Fax: 904-262-5183
Toll Free: 800-767-7305

Orlando, FL

706 W. Landstreet Rd.
Orlando, FL 32824
Office: 407-812-4007
Fax: 407-812-4030
Toll Free: 800-767-7304

Panama City, FL

5814 Merritt Brown Rd.
Panama City, FL 32404
Office: 850-277-0445
Fax: 850-277-0120
Toll Free: 800-342-3419

Pensacola, FL

3310 McLemore Dr.
Pensacola, FL 32514
Office: 850-478-2833
Fax: 850-479-4349
Toll Free: 800-767-7313

Sarasota, FL

6851 26th Court East
Sarasota, FL 34243
Office: 941-755-3177
Fax: 941-753-8618
Toll Free: 800-767-7312

West Palm Beach, FL

15944 Assembly Loop
Jupiter, FL 33478
Office: 561-624-7801
Fax: 561-624-7803
Toll Free: 800-767-7311

Atlanta, GA

2394 Sigman Industrial Court
Conyers, GA 30012
Office: 770-466-1450
Fax: 770-466-1115

Savannah, GA

125 Westside Blvd.
Pooler, GA 31322
Office: 912-330-0233
Fax: 912-330-0280
Toll Free: 800-767-8507

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