



5000124450 A purchase of (1) centrifugal sump pump for the Department of Sewerage
Jefferson Parish Government

Project documents obtained from www.CentralBidding.com
16-Oct-2018 01:18:31 AM



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



Bid Number 50 - 00124450

A purchase of centrifugal sump pump for the Department of Sewerage

October 16, 2018 at 11:00 am

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
Buyer Name: Doris Abraham, Buyer I
Buyer Email: dabraham@jeffparish.net
Buyer Phone: 504-364-2690**

DATE: 10/11/2018

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

BID NO.: 50-00124450

JEFFERSON PARISH

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

VENDOR: Technology International Inc.

BUYER: DABRAHAM@jeffparish.net

Bids will be received until 11:00 AM, 10/16/2018 via online at www.jeffparishbids.net or by hand delivery, USPS mail or other courier service to Purchasing Department, 200 Derbigny Street (General Government Building), Suite 4400, Gretna, LA 70053. 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 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. A copy of these resolutions 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 purchasing.jeffparish.net and clicking on On-line forms.

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.

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Delivered, anywhere within the Parish as designated by the Purchasing Department. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications. JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit prices shall prevail.

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

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 as appropriate and a written response will be provided as soon as possible.

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

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 alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

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.

All formal Addenda require written acknowledgment 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.

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.

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 A117.1-1961).

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**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>.

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.

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.

DATE: 10/11/2018

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 4

BID NO.: 50-00124450

JEFFERSON PARISH

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

VENDOR: Technology International Inc.

BUYER: DABRAHAM

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order 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 at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work to be done in workman-like manner, according to standard practices. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

See Attached

INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK

INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK

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

Acknowledge Receipt of Addenda: NUMBER: _____

NUMBER: _____

NUMBER: _____

NUMBER: _____

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

***** ALL BIDDERS MUST COMPLETE SECTION BELOW *****

FIRM NAME:

Technology International Inc.

SIGNATURE:

(Must be signed here)

Rifat Habib

TITLE:

Business Development Exec.

PRINT OR TYPE NAME:

Rifat Habib

ADDRESS:

1349 South International Pkwy, Suite 2411

CITY, STATE:

Lake Mary, Florida

ZIP:

32716

TELEPHONE:

(407) 359-2373

FAX:

(407) 359-2372

EMAIL ADDRESS:

tii@tii-usa.com

TOTAL PRICE OF ALL BID ITEMS: \$ 16,334.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00124450

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	1.00	EA	<p>A purchase of centrifugal sump pump for the Department of Sewerage</p> <p>0001 - Pump, Vanton Sump-Gard Cantilever bearingless design, vertical centrifugal</p> <p>sump pump, model SGK-PY4x3x10C-SP with all fluid contact parts of homogeneous non-metallic materials, dynamically balanced, keyed, closed impeller, large diameter, stainless steel shaft completely sleeved with polypropylene. This unit is rated for 600 GPM against a 40 ft TDH.</p> <p>Material of Construction Polypropylene Impeller Diameter 9.125 inch Discharge 3 inch Flanged "X" Dimension 24 inch "Y" Dimension 21 inch Coverplate 24 inch x 30 inch x 1-1/4 inch Strainer Basket Included Coupling Guard Included</p> <p>***** MUST MATCH EXACT SPECS ABOVE TO MATCH EXISTING UNIT ALREADY IN SERVICE - *****</p>	\$16,334.00	\$16,334.00
2	1.00	EA	<p>0002 - Freight</p> <p>TO BE DELIVERED TO:</p> <p>EB SEWERAGE DEPARTMENT 2 HUMANE WAY JEFFERSON, LA 70123</p>	Included	Included

***Please see our Equipment Proposal TII-LA-1018-10080 attached.

VANTON

Catalog SGK-12.20

SUMP-GARD® SGK Thermoplastic CANTILEVER BEARINGLESS VERTICAL PUMPS

■ PVC ■ POLYPROPYLENE ■ PVDF ■ CPVC
Flows to 1000 gpm ■ Heads to 240 feet
Lengths to 5 feet ■ Temperatures to 275°F

All Vanton vertical centrifugal sump pumps are specifically designed to handle corrosive, abrasive and hazardous process fluids, wastewater liquids and slurries of various pH values, and for use in those applications where no metallic or other contaminants can be tolerated. The cantilevered large diameter shaft design of SGK pumps eliminates the necessity for any immersed bearings and permits dependable operation under dry running conditions. These pumps are available in lengths to 5 feet but can accommodate deeper sumps through the use of tail pipes. Models are available with standard semi-open or closed impellers, or with recessed impellers that provide unrestricted flow so that fluids with solids or stringy materials can be pumped without impeller clogging.

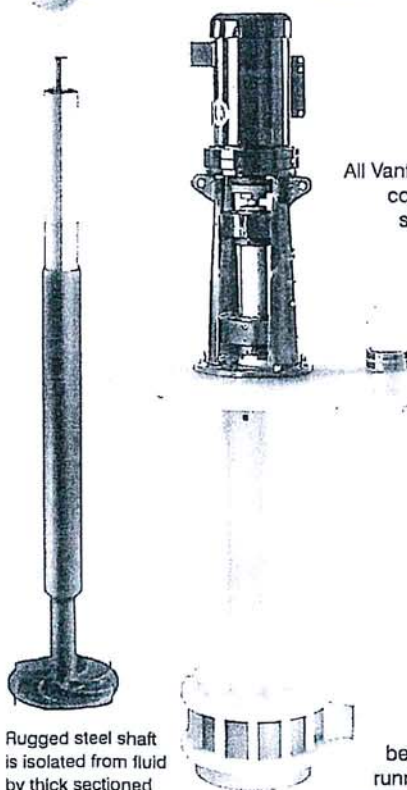
MATERIALS OF CONSTRUCTION

All pump components in contact with the fluid are furnished in a choice of chemically inert thermoplastics: polyvinyl chloride (PVC), chlorinated polyvinyl chloride (CPVC), polypropylene (PP) and polyvinylidene fluoride (PVDF). The heavy duty alloy steel shaft is completely isolated from the fluid by a heavy sectioned thermoplastic sleeve. No metal is in contact with the pumped fluid.

APPLICATIONS

Vanton SGK sump pumps are specified where submerged bearings cannot be tolerated because sudden fluid stoppage will result in running dry for short or extended periods. If this occurs, no harm will come to the pump. They are also recommended where regulations prohibit draining tanks from the bottom. They are in

wide use for the transfer and circulation of aggressive or ultrapure fluids in chemical, petrochemical, environmental, manufacturing and wastewater applications where running dry capabilities are important to minimizing maintenance costs and maximizing MTBR.



Rugged steel shaft
is isolated from fluid
by thick sectioned
thermoplastic sleeve

ADVANTAGES OF THERMOPLASTICS

- NO galvanic corrosion or rusting. Metals corrode, plastics don't.
- NO interbatch product contamination. Fiberglass composites wick and absorb by capillary action. Solid homogeneous thermoplastics don't.
- Superior resistance to abrasion compared to metals or thermoset composites.
- Greater chemical resistance over the full pH range compared to metals or thermosets.
- NO metallic contamination of the fluid.
- NO problems with galling. Easier maintenance.



Technology International, Inc.
1349 South International Pkwy, Suite 2411
Lake Mary, FL 32746
Tel: (407) 359-2373
Fax: (407) 359-2372
E-mail: tii@tii-usa.com
Website: www.tii-usa.com

Equipment Proposal

Description: A Purchase of (1) centrifugal sump pump for the Department of Sewerage

Solicitation #: 5000124450

Agency: Jefferson Parish Government

TII Ref: TII/LA/1018/10080

Date: 10/19/2018

In response to your quote request for A Purchase of (1) centrifugal sump pump for the Department of Sewerage, Technology International, Inc. is pleased to submit the following for consideration:

ITEM NO.	QTY	DESCRIPTION/ MODEL NO.	UNIT PRICE	EXTD. PRICE
1	1	Vanton Model # SGK-PY4x3x10C-SP Sump-Gard Cantilever Bearingless Design Vertical Centrifugal Sump Pump with all Fluid Contact Parts of Homogeneous Non-Metallic Materials Dynamically Balanced Keyed Closed Impeller Large Diameter Stainless Steel Shaft Completely Sleeved with Polypropylene <ul style="list-style-type: none">• Material of ConstructionPolypropylene• Impeller Dia.....9.125"• Discharge3" Flanged• "X" Dimension.....24"• "Y" Dimension.....21"• Coverplate24" x 30" x 11/4"• Strainer BasketIncluded• Coupling Guard.....Included	\$16,334.00	\$16,334.00
2	1	Freight	Included	Included
See attached data sheets				

Total price for all above.....\$16,334.00

Warranty: Manufacturer's Standard warranty applies. One (1) year warranty.

Delivery:

- Estimated delivery is **11 WEEKS** after receipt of order and approved submittal
- All delivery dates quoted are subject to manufacturer's confirmation at time of order.
- Submittal data will be provided for approval after receipt of order (if applicable).
- Customer to provide equipment and personnel to unload.
- TII will deliver good title (MSO) to the Agency upon payment confirmation. The Agency is responsible for its own title work and registration (if applicable).

Freight: Included to Jefferson, LA 70123.

Validity: Quote is valid for 30 days.

Payment Terms: NET 30

Prompt Payment discount: 1/4 % 10 days

***** Notes:**

- Quoted price is not available on a line item basis. This is an offer for a lump sum contract.
- Confirmation of price required prior to placing order of quantities other than listed.

Technology International, Inc. Corporate data:

We are a small business and our Tax Payer Identification Number (TIN): 650342335. The above price quoted does not include any sales, excise or similar taxes.

We trust that this proposal will meet your requirements and we look forward to hearing from you.

If you have any questions or need more information, please contact us by phone at 407-359-2373, fax at 407-359-2372 or email us at tii@tii-usa.com

Respectfully submitted,



Rifat Habib
Business Development Exec.
Technology International, Inc.

SUMP-GARD® SGK *Thermoplastic* **CANTILEVER BEARINGLESS VERTICAL PUMPS**

■ PVC ■ POLYPROPYLENE ■ PVDF ■ CPVC
Flows to 1000 gpm ■ Heads to 240 feet
Lengths to 4 feet ■ Temperatures to 275° F

All Vanton vertical centrifugal sump pumps are specifically designed to handle corrosive, abrasive and hazardous process fluids, wastewater liquids and slurries of various pH values, and for use in those applications where no metallic or other contaminants can be tolerated. The cantilevered large diameter shaft design of SGK pumps eliminates the necessity for any immersed bearings and permits dependable operation under dry running conditions. These pumps are available in lengths to 4 feet but can accommodate deeper sumps through the use of tail pipes. Models are available with standard semi-open or closed impellers, or with recessed impellers that provide unrestricted flow so that fluids with solids or stringy materials can be pumped without impeller clogging.

MATERIALS OF CONSTRUCTION

All pump components in contact with the fluid are furnished in a choice of chemically inert thermoplastics: polyvinyl chloride (PVC), chlorinated polyvinyl chloride (CPVC), polypropylene (PP) and polyvinylidene fluoride (PVDF). The heavy duty alloy steel shaft is completely isolated from the fluid by a heavy sectioned thermoplastic sleeve. No metal is in contact with the pumped fluid.

APPLICATIONS

Vanton SGK sump pumps are specified where submerged bearings cannot be tolerated because sudden fluid stoppage will result in running dry for short or extended periods. If this occurs, no harm will come to the pump. They are also recommended where regulations prohibit draining tanks from the bottom. They are

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Rugged steel shaft
is isolated from fluid
by thick sectioned
thermoplastic sleeve

ADVANTAGES OF THERMOPLASTICS

- Greater chemical resistance over the pH range compared to metals or thermosets.
- Superior resistance to abrasion compared to metals or thermoset composites.
- No metallic contamination of the fluid.
- No problems with galling. Easier maintenance.
- No interbatch product contamination. Fiberglass composites wick and absorb by capillary action. Solid homogeneous thermoplastics don't.
- No galvanic corrosion or rusting. Metals corrode, plastics don't.

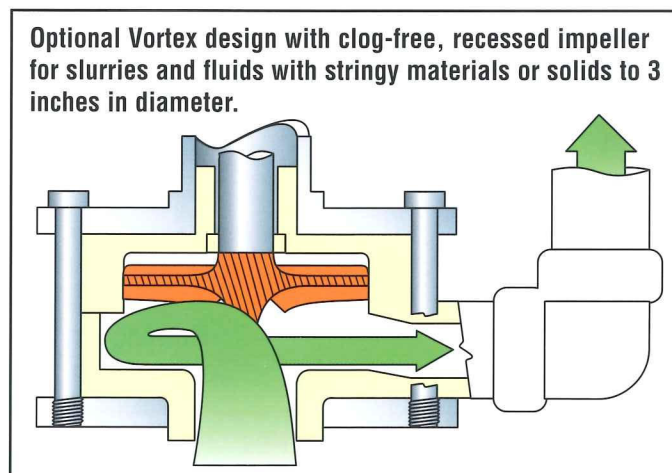
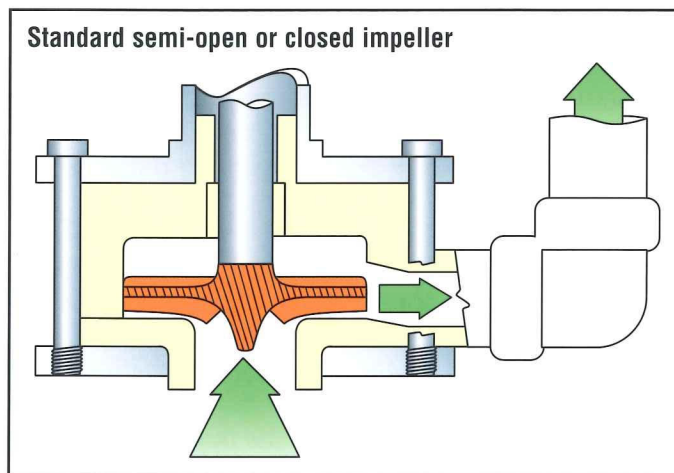
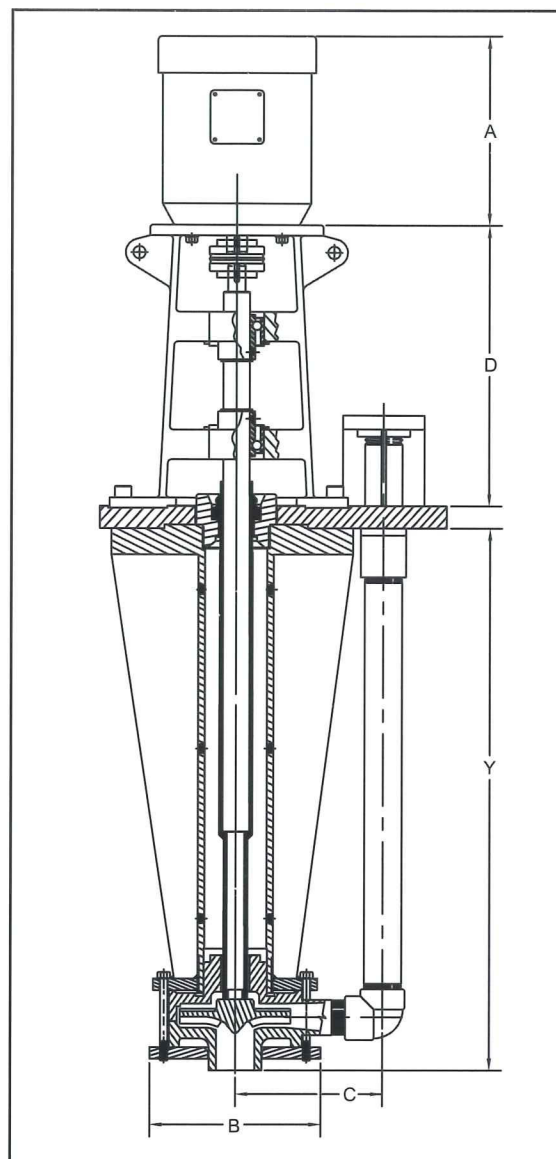
SUMP-GARD® THERMOPLASTIC VERTICAL CANTILEVERED BEARINGLESS PUMP

SPECIFICATIONS

1. Rugged thermoplastic vertical pump with cantilevered shaft and dry running capability.
2. No bearings immersed in the pumped fluid.
3. Large diameter alloy steel shaft isolated from the fluid by a thick sectioned thermoplastic sleeve.
4. Heavy duty external ball bearings above the cover plate, housed in an epoxy-coated cast iron motor bracket that accommodates NEMA, IEC and European standard motors.
5. Casing, casing cover and impeller molded of solid, homogeneous thermoplastics. Columns, reinforcing ribs and other components in fluid contact to be of similar thermoplastic material.
6. All immersed pump parts and hardware to be homogeneous thermoplastics. No metal or thermoset composites in fluid contact.
7. Quiet running, durable flexible coupling to isolate motor from hydraulic thrust force.
8. Nonmetallic vapor seal to protect metal motor bracket assembly from corrosive fumes.
9. Dynamically balanced (semi-open or closed) impeller with imbedded, molded-in stainless steel reinforcing insert.
10. Standard or custom solid thermoplastic sump cover plate resistant to the corrosive liquid or vapor.
11. Heavy sectioned solid thermoplastic strainer, if required, manufactured of thermoplastic material similar to the construction of the pump.

MODEL	SIZE	A	B	C	D	Y*
SGK 200	1 x 1	VARIES WITH MOTOR SIZE	9	7½	22⅝	12 TO 48
SGK 300	1½ x 1½		11¼	8⅜	22⅝	
SGK 500	2 x 2		11¼	9⅝	22⅝	
SGK 800	2 x 2		11¼	9⅝	22⅝	
SGK 1200	3 x 2		15	13¼	22⅝	
SGK 1800	4 x 3		15	13¼	22⅝	
SGK 2000	4 x 3		15½	13¼	22⅝	
SGK 2400	6 x 4		22½	17⅝	32½	

*Tailpipe extensions can be added. All dimensions in inches.



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