



## NOTICE TO BIDDERS

The City of Edinburg is soliciting sealed bids to be received by the City Secretary's Office located at 415 W. University Drive, Edinburg, Texas 78541. City of Edinburg normal business days are Monday through Friday between the hours of 8:00 a.m. to 5:00 p.m. and shall be closed on recognized holidays.

Bids will be received until **3:00 p.m. Central Time**, on **Monday, January 04, 2016**, shortly thereafter all submitted bids will be gathered and taken to the Edinburg City Hall Community Room, 1<sup>st</sup> Floor, to be publicly opened and read aloud. Any bid received after the closing time will not be accepted and will be returned to the bidder unopened. It is the responsibility of the bidder to see that any bid submitted shall have sufficient time to be received by the City Secretary's Office prior to the bid opening date and time. The receiving time in the City Secretary's Office will be the governing time for acceptability of the bids. Bids will not be accepted by telephone or facsimile machine. All bids must bear original signatures and figures. The Bid shall be for:

### **BID NO. 2016-57 REPLACEMENT OF 26.8 HP 8" PUMP**

**Bidders receiving a "NOTICE TO BIDDERS" and/or "REQUEST FOR PROPOSALS" notice in the mail or reading same in the newspaper are advised that the bidding documents can be downloaded from the City of Edinburg web page address: [www.cityofedinburg.com](http://www.cityofedinburg.com), or may obtain copies of same by contacting the office of:**

**LORENA FUENTES, PURCHASING AGENT, LOCATED AT 415 W. UNIVERSITY DRIVE, Edinburg, TX 78541 by calling (956) 388-1895 or by e-mailing your request to the following e-mail address: [lfuentes@cityofedinburg.com](mailto:lfuentes@cityofedinburg.com)**  
If you have any questions or require additional information regarding this bid, please contact Mr. Arturo Martinez, Director of Utilities at (956) 388-8212.

**If Hand-delivering Bids:** 415 West University Drive,  
C/o City Secretary Department (1<sup>st</sup> Floor)

**If using Land Courier (i.e., FedEx, UPS):** City of Edinburg  
C/o City Secretary  
415 West University Drive  
Edinburg, Texas 78541

**If Mailing Bids:** City of Edinburg  
C/o City Secretary  
P.O. Box 1079  
Edinburg, TX 78540-1079

The City of Edinburg reserves the right to refuse and reject any or all bids and to waive any or all formalities or technicalities and to accept the bid deemed most advantageous to the City, and hold the bids for a period of **60** days without taking action.

**Bids must be submitted in an envelope sealed with tape and prominently marked on the lower left hand corner of the bid envelope with corresponding bid number and title.**

## CITY OF EDINBURG INSTRUCTIONS TO BIDDERS

### **DEVIATION FROM SPECIFICATION**

Please read your specifications/requirements thoroughly and be sure that the SERVICES offered comply with all specifications/requirements. Any variation from the specifications/requirements must be clearly indicated by letter attached to your bid referencing variations on a point-by-point basis. If no exceptions are noted, and you are the successful bidder, it will be required that the SERVICES be provided as specified.

### **PURPOSE**

1. The purpose of these specifications/requirements and bidding documents is for the **REPLACEMENT OF 26.8 HP 8" PUMP** for the City of Edinburg.

2. The SERVICES to be furnished under this bid shall be as specified in these bid documents. All specifications/requirements shown are minimum. There is no intention to disqualify any bidder who can meet these specifications/requirements.

### **SUBMITTAL OF BID**

Bids will be submitted in sealed envelopes upon the blank bid form attached hereto. Submit two (2) complete sets of the bid, one (1) original marked "**ORIGINAL**," and one (1) copy marked "**COPY**". Each bid must be completely filled out and SUBMITTED IN ORIGINAL FORM, complete with all supporting documentation. Bids submitted by facsimile (fax) or electronically will **NOT** be accepted. Submittal of a bid in response to this solicitation for Bids constitutes an offer by the Bidder. Bids which do not comply with these specifications/requirements may be rejected at the option of the City. Bids must be filed with the City of Edinburg, before opening day and hour. No late Bids will be accepted. They will be returned to Bidder unopened (if properly identified).

**If Hand-delivering Bids:** 415 West University Drive, c/o City Secretary Department (1<sup>st</sup> Floor)  
**If using Land Courier (i.e., FedEx, UPS):** 415 West University Drive, c/o City Secretary Department (1<sup>st</sup> Floor), Edinburg, Texas  
78541  
**If Mailing Bids:** P.O. Box 1079, Edinburg, TX 78540-1079

### **PREPARATION OF BID**

Bids **MUST** give full firm name and address of bidder, and be manually signed. Failure to do so will disqualify your bid. Person signing bid must show title or AUTHORITY TO BIND HIS/HER FIRM IN A CONTRACT.

Firm name and authorized signature must appear on each page that calls for this information. The legal status of the Respondent/Bidder whether corporation, partnership, or individual, shall also be stated in the bid. A corporation shall execute the bid by its duly authorized officers in accordance with its corporate by-laws and shall also list the state in which it is incorporated. A partnership Respondent/Bidder shall give full names and addresses of all partners. All partners shall execute the bid. Partnership and Individual Respondent/Bidder shall state in the bid the names and addresses of all persons with a vested interest therein. The place of residence of each Respondent/Bidder, or the office address in the case of a firm or company, with county and state and telephone number, shall be given after the signature.

### **ALTERATIONS/AMENDMENTS TO BID**

Bids **CANNOT** be altered or amended after opening time. Alterations made before opening time must be initialed by bidder guaranteeing authenticity. No bid may be withdrawn after opening time without acceptable reason in writing and only after approval by the City of Edinburg.

## **INSTRUCTIONS TO BIDDERS (Continued):**

### **SALES TAX**

State sales tax must not be included in the bid.

### **SUBSTITUTIONS**

No substitutions or cancellations will be permitted without written approval of City of Edinburg.

### **NO BID RESPONSE**

If unable to submit a bid, bidder should return inquiry giving reasons.

### **EXCEPTIONS**

Any additions, deletions, or variations from the following specifications/requirements must be noted. The bidder shall attach to his/her bid sheet a list of any exceptions to the specifications/requirements if unable to do so, on specification sheet.

### **BRAND OR MANUFACTURER REFERENCE**

Unless otherwise specified, any catalog or manufacturer's reference or brand name used in describing an item is merely descriptive, and not restrictive, and is used only to indicate type and style of product desired. Bids on alternate brands will be considered if they meet specification requirements. If a bidder quotes on equipment other than the one(s) specified in the bid, sufficient specifications and descriptive (pictured literature) data must accompany same to permit thorough evaluation. In the absence of these qualifications, he/she will be expected to furnish the product called for.

### **DELIVERY**

Number of days required to deliver SERVICES after receiving order must be stated in the bid. Failure to so state will obligate bidder to complete service delivery within ONE day.

### **DELAY IN SERVICE DELIVERY**

When delay can be foreseen, Bidder shall give prior notice to City of Edinburg. Bidder must keep City of Edinburg advised at all times of status of order. Default in promised service delivery (without acceptable reasons) or failure to meet specifications/requirements, authorizes the City of Edinburg to purchase such SERVICES elsewhere and charge increase in cost to defaulting vendor. Acceptable reasons for delayed delivery are as follows: Acts of God (floods, tornadoes, hurricanes, etc.), acts of government, fire, strikes, war; Actions beyond the control of the successful bidder.

### **SERVICE DELIVERED PRICING**

Bids in units of quantity specified - extend and show total. In the event of discrepancies in extension, unit prices will govern. Bids subject to unlimited price increase will not be considered.

### **VALID BID TIME FRAME**

The City may hold bids 60 days after bid opening without taking action. BIDDERS shall be required to hold their Bids firm for the same period of time.

### **RIGHT TO REJECT/AWARD**

The City of Edinburg reserves the right to refuse and reject any or all Bids, and to waive any or all formalities or technicalities, and to make such awards of contract as may be deemed to be the best and most advantageous to the City of Edinburg.

## **INSTRUCTIONS TO BIDDERS (Continued):**

### **MULTIPLE VENDOR CONTRACTS**

Bidders are advised that the City of Edinburg may award Service Contracts to multiple vendors based on low bid per item basis. All items specified on the "Bid Form" **must** reflect the individual unit prices. The City of Edinburg reserves the right to award all items individually or in any combination thereof.

### **INDEMNIFICATION CLAUSE**

The Bidder agrees to indemnify and save harmless the City, from all suits and actions of every nature and description brought against them or any of them, for or on account of the use of patented appliances, products or processes, and he shall pay all royalties and charges which are legal and equitable. Evidence of such payment or satisfaction shall be submitted upon request of the Purchasing Agent, as a necessary requirement in connection with the final estimate for payment in which such patented appliance, products or processes are used.

### **ADDENDA**

Bidder shall carefully examine the bid forms, specifications/requirements, and instructions to Bidders. Should the bidder find discrepancies in, or omissions from bid forms, specifications/requirements, or other documents, or should he/she be in doubt as to their meaning, he/she should at once notify the Purchasing Agent (Edinburg City Hall, 956-388-8972) and obtain clarification by addendum prior to submitting any bid. Explanations, interpretations, and supplemental instructions shall be in the form of written Addenda which shall become a part of the Contract documents. Said Addenda shall be mailed, e-mailed, hand delivered and/or faxed, to all prospective Bidders. All Addenda issued in respect to this project shall be considered official changes to the original bid documents. Verbal statements in response to inquiries and/or requests for explanations shall not be authoritative nor binding. It shall be the Bidder(s) responsibility to ensure that they have received all Addenda in respect to this project. Furthermore, Bidders are advised that they must recognize, comply with, and attach a signed copy of each Addendum which shall be made part of their Bid Submittal. Bidder(s) signature on Addenda shall be interpreted as the bidder's "recognition and compliance to" official changes as outlined by the City of Edinburg and as such are made part of the original solicitation documents. Failure of any bidder to receive any such addendum or interpretation shall not relieve such Bidder from its terms and requirements. The City may issue a written addendum no later than five calendar days prior to the date bids must be received. Addendums are available online at [www.cityofedinburg.com](http://www.cityofedinburg.com).

### **PAYMENT**

The City of Edinburg will execute payment by mail in accordance with the State of Texas Pay Law after SERVICES have been provided and invoiced. No other method of payment will be considered.

### **SYNONYM**

Where in this bid package ITEMS OR SERVICES is used its meaning shall refer to the REPLACEMENT OF 26.8 HP 8" PUMP as specified.

### **ASSIGNMENT**

Neither the Bidder's contract nor payment due to an awarded vendor may be assigned to a third party without the written approval of the Purchasing Department for the City of Edinburg.

### **BIDDER'S EMPLOYEES**

Neither the Bidder nor his/her employees engaged in fulfilling the terms and conditions of this Purchase Contract shall be considered employees of the City. The method and manner of performance of such undertakings shall be under the exclusive control of the vendor on contract. The City shall have the right of inspection of said undertakings at any time.

## **INSTRUCTIONS TO BIDDERS (Continued):**

### **INTERPRETATIONS**

Any questions concerning the conditions and/or specifications/requirements with regards to this solicitation for Bids shall be directed to the designated individuals as outlined in the Request for Bids. Such interpretations, which may affect the eventual outcome of this request for Bids, shall be furnished in writing to all prospective Bidders via Addendum. No interpretation shall be considered binding unless provided in writing by the City of Edinburg in accordance with paragraph entitled "Addenda".

### **STATUTORY REQUIREMENTS**

It shall be the responsibility of the successful Bidder to comply with all applicable State & Federal laws, Executive Orders and Municipal Ordinances, and the Rules and Regulations of all authorities having jurisdiction over the work to be performed hereunder and such shall apply to the contract throughout, and that they will be deemed to be included in the contract as though written out in full in the contract documents. (To include issues related to health, environmental, and safety to name a few.)

### **RIGHT TO WAIVE**

City of Edinburg reserves the right to waive or take exception to any part of these specifications/requirements when in the best interest of the City of Edinburg.

### **COOPERATIVE PRICING**

Bidders are advised that in addition to responding to our "local" solicitation for bids/Bids with Dealer pricing, vendors/contractors are encouraged to provide pricing on the below referenced items/products/services based on BuyBoard, TX-MAS, H-GAC and/or any other State of Texas recognized and approved cooperative which has complied with the bidding requirements for the State of Texas. If bidding other than or in addition to "dealer" pricing, kindly duplicate the bid forms for each bid being provided from a cooperative contract. Any and all applicable fees must be included. All cooperative pricing must be submitted on or before bid opening date and hour.

### **TIME ALLOWED FOR ACTION TAKEN**

The City of Edinburg may hold bids 60 days after the opening of Bids without taking action. Bidders are required to hold their Bids firm for same period of time.

### **PREPARATION OF BID**

The City of Edinburg shall not be held liable for any costs incurred by any bidder for work performed in the preparation of and production of a bid or for any work performed prior to execution of contract.

### **CONFIDENTIAL INFORMATION**

Any information deemed to be confidential by the bidder should be clearly noted on the pages where confidential information is contained; however, the City cannot guarantee that it will not be compelled to disclose all or part of any public record under Texas Public Information Act, since information deemed to be confidential by the bidder may not be considered confidential under Texas Law, or pursuant to a Court order.

### **VERBAL THREATS**

Any threats made to any employee of the City, be it verbal or written, to discontinue the providing of item/material/services for whatever reason and/or reasons shall be considered a breach of contract and the City will immediately sever the contract with the Vendor on contract.

## **INSTRUCTIONS TO BIDDERS (Continued):**

### **MATHEMATICAL ERRORS**

In the event that mathematical errors exist in any bid, unit prices/rates -v- totals, unit prices/rates will govern.

### **AUDIT**

The City of Edinburg reserves the right to audit the vendor's books and records relating to the performance of this contract. The City of Edinburg, at its own expense, shall have the right at all reasonable times during normal business hours and upon at least twenty-four (24) hours' advance notice, to audit, to examine, and to make copies of or extracts from the books of account and records maintained by the vendor(s) with respect to the Supply/Service and/or Purchase Contract. If such audit shall disclose overpayment by City to vendor, written notice of such overpayment shall be provided to the vendor and the amount of overpayment shall be promptly reimbursed by vendor to the City. In the event any such overpayment is not paid within ten (10) business days after receipt of such notice, the unpaid amount of such overpayment shall bear interest at the rate of one percent (1%) per month from the date of such notice until paid.

### **PAST PERFORMANCE**

Vendor's past performance shall be taken into consideration in the evaluation and award of Service Contract for the Purchase of SERVICES.

### **JURISDICTION**

Contract(s) executed as part of this solicitation shall be subject to and governed under the laws of the State of Texas. Any and all obligations and payments are due and performable and payable in Hidalgo County, Texas.

### **VENUE**

The parties agree that venue for purposes of any and all lawsuits, cause of action, arbitration, and/or any other dispute(s) shall be in Hidalgo County, Texas.

### **CONFLICT OF INTEREST**

#### **CHAPTER 176 OF THE TEXAS LOCAL GOVERNMENT CODE**

Effective January 1, 2006, Chapter 176 of the Texas Local Government Code requires that any vendor or person considering doing business with a local government entity disclose in the Questionnaire Form CIQ, the vendor or person's affiliation or business relationship that might cause a conflict of interest with a local government entity. By law, this questionnaire must be filed with the records administrator of the City of Edinburg not later than the 7<sup>th</sup> business day after the date the person becomes aware of facts that require the statement be filed. See Section 176.006, Local Government Code. A person commits an offense if the person violates Section 176.006, Local Government Code. An offense under this section is a Class C misdemeanor. For more information or to obtain Questionnaire CIQ go to the Texas Ethics Commission web page at [www.ethics.state.tx.us/forms/CIQ.pdf](http://www.ethics.state.tx.us/forms/CIQ.pdf).

**IF YOU HAVE ANY QUESTIONS ABOUT COMPLIANCE, PLEASE CONSULT YOUR OWN LEGAL COUNSEL. COMPLIANCE IS THE INDIVIDUAL RESPONSIBILITY OF EACH PERSON OR AGENT OF A PERSON WHO IS SUBJECT TO THE FILING REQUIREMENT. AN OFFENSE UNDER CHAPTER 176 IS A CLASS "C" MISDEMEANOR.**

### **AWARD**

For purposes of this project, award will be contingent on approval of budget.

### **SPECIAL CIRCUMSTANCES**

In the event that the City of Edinburg has an immediate need for a particular service(s) that is/are on contract and the

**INSTRUCTIONS TO BIDDERS (Continued):**

successful vendor on contract is not able to meet the special service delivery needs of the City of Edinburg, the City of Edinburg reserves the right to purchase such services elsewhere to fulfill its' immediate need.

**TERMINATION OF CONTRACT**

The City of Edinburg reserves the right to terminate the contract if, in the opinion of the City of Edinburg, the successful vendor's performance is not acceptable, if the City is being repeatedly over charged, improperly charged, no funds are available, or if the City wishes, without cause, to discontinue this contract. Termination will be in written form allowing a 30-day notice. The bidder shall be afforded the same right to terminate this contract in the same manner.

**INSURANCE REQUIREMENTS**

Staff may waive insurance requirements for contracts \$0 - \$4,999.99, including but not limited to contracts for food, materials, supplies, and construction. Workers' Compensation in amounts which satisfy statutory coverage shall be required for construction projects.

The following insurance requirements will be included in all City contracts of \$5,000 - \$14,999.99. In contracts not involving building and construction projects, as that activity is defined in TEX. LABOR CODE §406.096, contractors may obtain alternative form of worker accident insurance with minimum limits of liability of \$100,000 per claim.

<b>Minimum Insurance Requirements</b>	
<b>Type of Coverage</b>	<b>Limits of Liability</b>
Worker's Compensation	Statutory Coverage
Comprehensive General Liability (City named as additional insured) Bodily Injury	\$250,000 each person/\$500,000 each occurrence
Property Damage	\$100,000 each occurrence/\$100,000 aggregate or \$500,000 combined single limits

The following insurance requirements will be included in all City contracts of \$15,000 or more.

- (1) The successful bidder will be required to carry the following insurance coverage and limits of coverage, as well as list the City as an additional insured to liability coverage as requested by the City. In addition, the successful bidder shall provide the City with evidence of coverage and furnish acceptable proof of payment of insurance premiums.
- (2) The successful bidder will be required to secure and/or have insurance coverage in force with an admitted property and casualty insurance company licensed by the State of Texas to conduct business in the State of Texas.
- (3) In contracts not involving building and construction projects, as that activity is defined in TEX. LABOR CODE §406.096, contractors may obtain alternative form of worker accident insurance with minimum limits of liability of \$100,000 per claim.

**INSTRUCTIONS TO BIDDERS (Continued):**

<b>Minimum Insurance Requirements</b>	
<b>Type of Coverage</b>	<b>Limits of Liability</b>
Worker's Compensation	Statutory Coverage
Employer's Liability	Bodily Injury by Accident: \$100,000 each accident  Bodily Injury by Disease: \$100,000 each employee/\$500,000 policy limit
Comprehensive General Liability Bodily Injury	\$250,000 each person/\$500,000 each occurrence
Property Damage	\$100,000 each occurrence/\$100,000 aggregate or \$500,000 combined single limits
Comprehensive Auto Liability Bodily Injury	\$100,000 each person/\$500,000 each occurrence
Property Damage	\$100,000 each occurrence/\$100,000 aggregate or \$500,000 combined single limits
City's Protective Liability Bodily Injury	\$250,000 each person/\$500,000 each occurrence
Property Damage	\$100,000 each occurrence/\$100,000 aggregate or \$500,000 combined single limits

Policies must name the City of Edinburg as an Additional Insured.

Certificates of insurance naming the CITY as an additional insured shall be submitted to the CITY for approval prior to any services being performed by Contractor. Each policy of insurance required hereunder shall extend for a period equivalent to, or longer than the term of the Contract, and any insurer hereunder shall be required to give at least thirty (30) days written notice to the CITY prior to the cancellation of any such coverage on the termination date, or otherwise. This Contract shall be automatically suspended upon the cancellation, or other termination, of any required policy of insurance hereunder, and such suspension shall continue until evidence that adequate replacement coverage is provided to the CITY. If replacement coverage is not provided within thirty (30) days following suspension of the Contract, the Contract shall automatically terminate.

**BID BOND INFORMATION – CONSTRUCTION PROJECT ONLY**

If the contract amount is over twenty-five-thousand dollars (\$25,000) for construction of the project, the successful bidder shall provide a bid guarantee, give a good and sufficient bond in the full amount of the contract price for the faithful performance of such contract, executed by a surety company authorized to do business in the State of Texas, in accordance with Article 5160, Vernon's Texas Civil Statutes, and amendments thereto. A payment bond in the full amount of the contract price to assure payment shall be required by law of all persons supplying labor and material in the execution of the project provided for in the contract documents.

A bid guarantee equivalent to five percent (5%) of the bid price will be required from each bidder. The "bid guarantee" shall consist of a firm commitment, such as a bid bond, certified check or other negotiable instrument accompanying a

## **INSTRUCTIONS TO BIDDERS (Continued):**

bid as assurance that the bidder will upon acceptance of his/her bid, execute such contractual documents as may be required within the time specified.

A performance bond on the part of the contractor for one-hundred percent (100%) of the contract price will be required. A "performance bond" is one executed in connection with a contract to secure fulfillment of all the contractor's obligations under such contract.

A payment bond on the part of the contractor for one-hundred percent (100%) of the contract price will be required. A "payment bond" is one executed in connection with a contract to assure payment, as required by law, of all persons supplying labor and material in execution of the work provided for in the contract documents.

**CITY OF EDINBURG  
REQUEST FOR BIDS FOR  
REPLACEMENT OF 26.8 HP 8" PUMP**

**BID NO. 2016-57**

**BID OPENING DATE: January 04, 2016 at 3:00 p.m.**

It is the intent of this Request for Bids to describe and ultimately make it possible for the City of Edinburg to purchase the below mentioned **REPLACEMENT OF 26.8 HP 8" PUMP.**

**GENERAL REQUIREMENTS AND AGREEMENT FOR REPLACEMENT OF 26.8 HP 8" PUMP:**

You are invited to submit a sealed bid for the purchase and REPLACEMENT OF 26.8 HP 8" PUMP as requested by the City of Edinburg.

The specifications listed below are minimum requirements and are intended to govern, in general, the size and material desired. The City of Edinburg reserves the right to evaluate variations from these specifications.

**LS#33 PUMP REPLACEMENT 26.8 HP 8"**

1. REPLACE 8" PUMP OF NORTH SIDE AT LS#33
2. PUMP SHALL COME WITH RETROFIT TO FIT INTO 8" GORMAN RUPP RAILS.
3. PUMP SHALL BE ABS OR EQUAL.

**CITY OF EDINBURG  
 BID FORM FOR  
 REPLACEMENT OF 26.8 HP 8" PUMP**

**BID NO. 2016-57**

**BID OPENING DATE: January 04, 2016 at 3:00 p.m.**

I/We submit the following bid in **ORIGINAL FORM** for **REPLACEMENT OF 26.8 HP 8" PUMP** according to City of Edinburg requirements, less tax:

**NOTE:** In addition to responding to our "local" solicitation for bids/proposals vendors/contractors are encouraged to provide pricing on the above referenced items/products/services based on Buyboard, H-GAC, TXMAS and/or any other **State of Texas recognized and approved cooperative** which has complied with the bidding requirements for the State of Texas (**any and all applicable fees must be included**). **All cooperative pricing must be submitted on or before bid/proposal opening date and hour.**

<b><u>CHECK ONE</u></b>	
<input type="checkbox"/> <b>BUYBOARD</b>	<input type="checkbox"/> <b>H-GAC</b>
<input type="checkbox"/> <b>TX DIR</b>	<input type="checkbox"/> <b>TFC</b>
<input type="checkbox"/> <b>TXMAS</b>	<input type="checkbox"/> <b>DEALER/LOCAL</b>
<input type="checkbox"/> <b>OTHER</b> _____	
<b>Specify</b>	
CONTRACT NUMBER: _____	COMMODITY NUMBER: _____
(If applicable)	(If applicable)

ITEM	QUANTITY	DESCRIPTION	EXTENDED PRICE
1	1 LUMP SUM	REPLACEMENT OF 26.8 HP 8" PUMP AT LIFT STATION #33	\$ _____
<b>GRAND TOTAL</b>			\$ _____

The City reserves the right to increase or decrease the quantities depending on availability of funds.

**BID FORM FOR REPLACEMENT OF 26.8 HP 8" PUMP (Continued):**

*All Addenda issued in respect to this project shall be considered official changes to the original bidding documents. It shall be the Bidder(s) responsibility to ensure that all Addenda have been received. Furthermore, bidders are advised that they must recognize, comply with, and attach a signed copy of each Addendum which shall be made part of their Bid Submittal. Bidder(s) signature on Addenda shall be interpreted as the vendor's "recognition and compliance to" official changes as outlined by the City of Edinburg and as such are made part of the original bidding documents.*

Does the Company have an office located in Edinburg, Texas? Yes \_\_\_\_\_ No \_\_\_\_\_

Has the Company ever conducted business with the City of Edinburg? Yes \_\_\_\_\_ No \_\_\_\_\_

Respectfully submitted this \_\_\_\_\_ day of \_\_\_\_\_, 2016.

**SIGNATURE:** \_\_\_\_\_

**TYPE/PRINT NAME:** \_\_\_\_\_

**TITLE:** \_\_\_\_\_

**COMPANY:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

\_\_\_\_\_

**TELEPHONE NO.:** \_\_\_\_\_

**FAX NO.:** \_\_\_\_\_

**EMAIL:** \_\_\_\_\_

# TECHNICAL DATA

## 8" ABS XFP PUMP

XFP 201G-CB2  
6 Pole, 3 Phase, PE3

Date: 11/11  
Dwg: DS-E01-038 | Rev. 2

### Cable Data, PE3 Frame

	Motor	Motor Voltage	Cable Qty	Cable Type*	Cable Nominal Dia. +/- .5mm (.02")
Power Cable	PE 130/6	208 or 230 volt	1	G-GC 6-3	26.6mm (1.05") diameter
		460 volt	1	SOOW 8/4+16/3	25.4mm (1.0") diameter
		600 volt	1	SOOW 10/7	22.4mm (0.88") diameter
	PE 160/6	208 or 230 volt	1	G-GC 6-3	26.6mm (1.05") diameter
		460 volt	1	SOOW 8/4+16/3	25.4mm (1.0") diameter
		600 volt	1	SOOW 8/4+16/3	25.4mm (1.0") diameter
	PE 200/6	208 or 230 volt	1	G-GC 4-3	30.2mm (1.19") diameter
		460 volt	1	SOOW 8/4+16/3	25.4mm (1.0") diameter
		600 volt	1	SOOW 8/4+16/3	25.4mm (1.0") diameter
Control Cable	All	Std** 208 or 230 volt	1	SOOW 16/4	10.7mm (0.42") diameter
		460 or 600 volt	Included in Power Cable		
Cable Length	Standard: 15m (49 feet)		Optional: 20m (65 feet), 30m (98 feet) - Consult Factory for Longer Lengths		

\* Special versions ordered with cable suitable for both 230 volt and 460 volt operation will be equipped with the cable type and diameter shown in the "208 or 230 volt" section of the table  
\*\* See motor protection on page 1.

### Pump Data

Discharge Size	8" flanged, compatible with 8" class 125 ANSI flanges				
Suction Size	8" flanged, compatible with 8" class 125 ANSI flanges, threaded for 8 x 3/4-10 UNC bolts, 33mm (1.3") deep				
Volute pressure rating	10 bar (145 psi)				
Impeller Type	Semi-open, 2-vane, ContraBlock w/ Seal Protection System				
Impeller Size	.2	.3	.4	.5	.6
Solids Passage Size	125mm (4.92")	125mm (4.92")	125mm (4.92")	125mm (4.92")	125mm (4.92")
Impeller DIA	305mm (12.0")	298mm (11.7")	290mm (11.4")	280mm (11")	270mm (10.6")
Min Recommended Flow, GPM	600	600	600	600	600

### Materials of Construction

	Standard	Optional
Motor and Intermediate Housing	Cast Iron EN-GJL-250 (ASTM A-48, Class 35B)	
Optional Cooling Jacket	Cast Iron EN-GJL-250 (ASTM A-48, Class 35B)	
Seal Plate	Cast Iron EN-GJL-250 (ASTM A-48, Class 35B)	
Impeller	Cast Iron EN-GJL-250 (ASTM A-48, Class 35B)	
Volute	Cast Iron EN-GJL-250 (ASTM A-48, Class 35B)	
Bottom Plate CB	Cast Iron EN-GJL-250 (ASTM A-48, Class 35B)	
Cable Entry Casting	Cast Iron EN-GJL-250 (ASTM A-48, Class 35B)	
Pump and Motor Shaft	Stainless Steel 1.4021 (AISI 420 SS)	
External Hardware	Stainless Steel 1.4401 (AISI 316 SS)	
Lifting Hoop	Stainless Steel 1.4401 (AISI 316 SS)	
O-Rings and Cable Glands	Nitrile (Buna-N)	
Tandem Lower	Silicon Carbide / Silicon Carbide, Nitrile, 316 SS	
Mechanical Seal Upper	Silicon Carbide / Silicon Carbide, Nitrile, 316 SS	
Lower Bearing Lip Seal	Nitrile (Buna-N) covered steel	
Coating	Two part epoxy, black, 120µm (4.7 mil) DFT	Two part epoxy, black, 400µm (15.7 mil) DFT

### General Data

	PE 130/6	PE 160/6	PE 200/6
Overall Height	1348mm (53.1")	1348mm (53.1")	1388mm (54.6")
Pump Weight	383 kg (845 lb)	392 kg (865 lb)	411 kg (907 lb)

**SULZER**

Specifications subject to change without notice  
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# TECHNICAL DATA

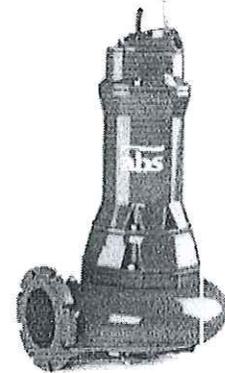
# 8" ABS XFP PUMP

XFP 201G-CB2  
6 Pole, 3 Phase, PE3

Date: 11/11  
Dwg: DS-E01-038 | Rev: 2

## Submersible Motor Specifications, PE3 Frame

Motor Design	NEMA design B, squirrel cage induction	
Motor Type	Fully enclosed Premium Efficiency submersible, IP68 protection rating	
Motor Efficiency Standard and Rating	IEC 60034-30, IE3 rating	
Motor Efficiency Test Protocol	IEC 60034-2-1	
Insulation Materials	Class H, 180°C (356°F), copper windings	
Motor Filling Medium	Air	
Temperature Rise	Class A	
Maximum Fluid Temperature	40°C (104°F) continuous, 50°C (122°F) intermittent	
Optional Cooling System	Closed-loop, non-toxic glycol/water mixture (1/3 / 2/3)	
Motor Protection	Thermal	Normally closed bimetallic switch in each phase, connected in series, 140°C (284°F), +/- 5 °C opening temperature
	Leakage	ABS Seal minder moisture detection probe in seal sensing chamber
Sensing Chamber Filling Medium	Air	
Bearing Type	Upper	Single row ball permanently lubricated
	Lower	Double row angular contact permanently lubricated
Motor Starter Types	Suitable for use with across the line, electronic soft starters, and PWM type Variable Frequency Drives*	
Maximum Starts per Hour	15, evenly spaced	
Inverter Duty Rating	Motors meet NEMA MG1, part 31 requirements	
Maximum Submergence	20 meters (65 feet)	
Available Voltages	208, 230, 460, 600	
Voltage Tolerance from Rated	+/-10%	
Agency Approvals	Factory Mutual, CSA	
Explosion Proof Rating	NEC 500 Class 1, Division 1, Group C & D, Class T3C max surface temp	



ABS submersible sewage pump XFP  
Part of the ABS EffeX range



Premium Efficiency  
without Compromise

\*Output filters may be required on VFDs. See document DS-E00-001 for details.

## Motor Ratings, PE3 Frame

Motor Model	Input Power (P1)	Rated Power Output (P2)	Nominal RPM	Rated Voltage	Full Load Amps	Locked Rotor Amps	NEMA Code Letter	NEMA Service Factor	Motor Efficiency at % Load			Power Factor at % Load		
									100	75	50	100	75	50
PE 130/6	14.2 kW	13 kW 17.4 HP	1180	208	52.4	367	J	1.3	91.7	91.3	89.2	.751	.583	.557
				230	47.4	332								
				460	23.7	166								
				600	18.2	127								
PE 160/6	17.4 kW	16 kW 21.5 HP	1180	208	62.9	453	J	1.3	91.9	91.6	88.9	.769	.703	.583
				230	56.9	410								
				460	28.4	205								
				600	21.8	157								
PE 200/6	21.5 kW	20 kW 26.8 HP	1175	208	72.2	515	H	1.3	93.0	93.0	91.6	.827	.770	.652
				230	65.3	466								
				460	32.7	233								
				600	25	179								

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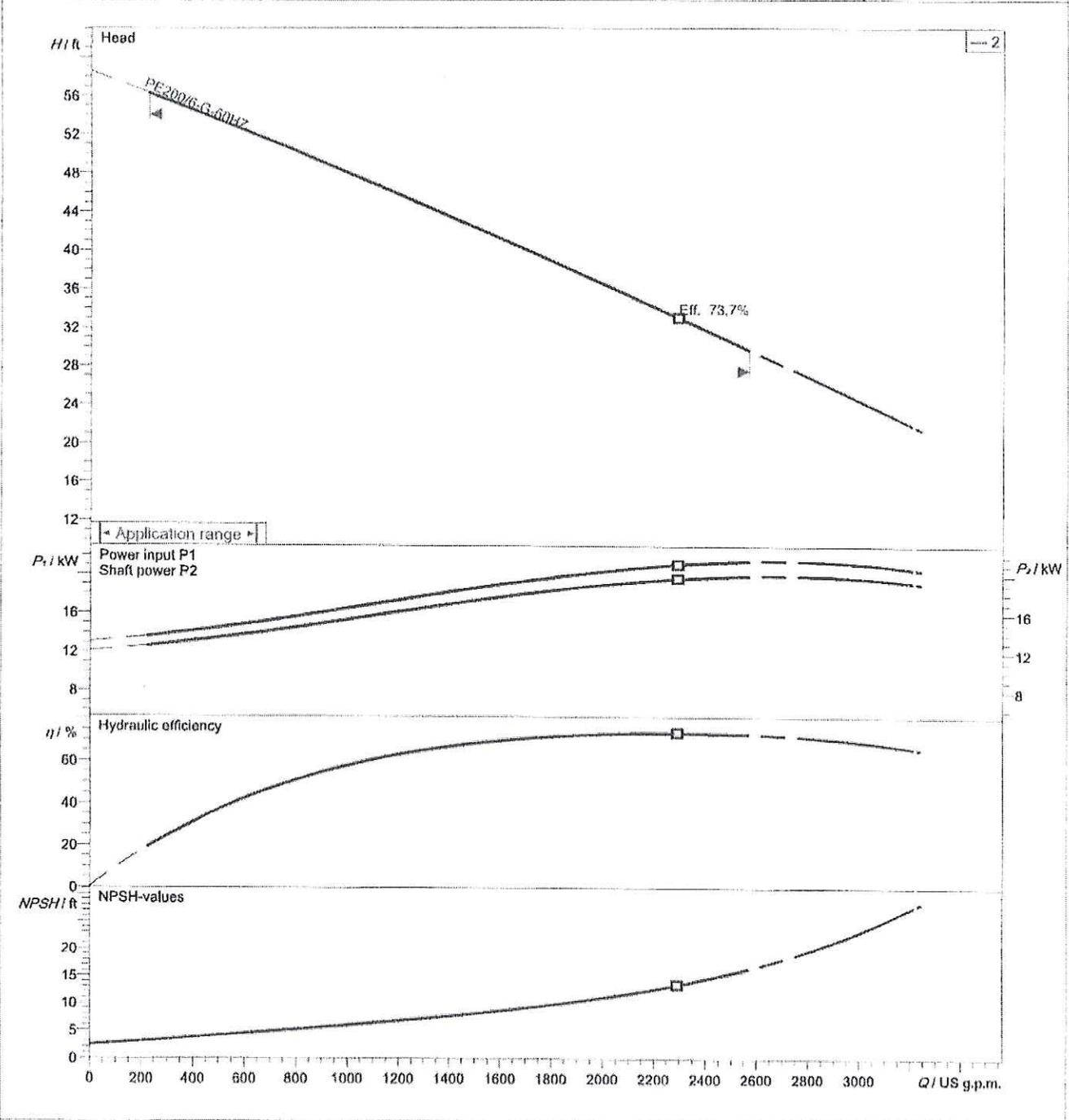
Specifications subject to change without notice  
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Curve number	<b>Pump performance curves</b> <b>XFP201G CB2 60HZ</b>
Reference curve XFP201G CB2 60HZ	

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Density 62,32 lb/ft <sup>3</sup>	Viscosity 1,005 mm <sup>2</sup> /s	Testnorm ISO 9906: 2012, HI 11.6/14.6 Gr 2B	Discharge DN200	Frequency 60 Hz
Flow	Head	Rated power	Rated speed 1177 rpm	Date 12/1/2015
			Hydraulic efficiency	NPSH



Impeller size 12 inch	N° of vanes 2	Impeller Contrabloc impeller, 2 vane	Solid size 4,92 inch	Revision
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Sulzer reserves the right to change any data and dimensions without prior notice and can not be held responsible for the use of information contained in this software.

Version 2015/10/08  
Data version Sep-2015