

RESOLUTION NO. 21-229

A RESOLUTION OF THE CITY OF PANAMA CITY BEACH, FLORIDA, APPROVING AN AGREEMENT WITH JIM HOUSE AND ASSOCIATES, INC. FOR THE REPLACEMENT OF 2 PUMPS FOR LIFT STATION 81 IN THE TOTAL AMOUNT OF \$13,492.

BE IT RESOLVED that the appropriate officers of the City are authorized to accept and deliver on behalf of the City that certain Agreement between the City and Jim House and Associates, Inc., relating to the replacement of 2 pumps for Lift Station 81, in the total amount of Thirteen Thousand, Four Hundred Ninety Two Dollars (\$13,492), in substantially the form attached and presented to the Council today, with such changes, insertions or omissions as may be approved by the City Manager and whose execution shall be conclusive evidence of such approval.

THIS RESOLUTION shall be effective immediately upon passage.

PASSED in regular session this 23rd day of September, 2021.

CITY OF PANAMA CITY BEACH

By: 
Mark Sheldon, Mayor

ATTEST:


Lyne Fasone, City Clerk

RESOLUTION NO. 21-229



2340 Industrial Dr Panama City, FL 32405
Phone: 850-763-9386 Fax: 850-785-8545
Cell: 850-814-7702
brian@aagpumps.com
www.aagpumps.com



PROPOSAL & SCOPE OF SUPPLY

DATE:	07/07/2021
PROPOSAL No.:	07072021BDJ
PROPOSAL NAME:	City of Panama City Beach – LS 81 Replacement Pumps
LOCATION:	Panama City Beach, Florida
ENGINEER:	City of Panama City Beach Utility Dept.
ENGINEERS PROJECT NO.:	
REPRESENTATIVE:	AAG Services, Inc.
CONTACT:	Brian Justice, P.E.

PUMP EQUIPMENT:

Quantity Two (2) WILO Model No.: FA10.33E+FK17.1-6/8KEx (Pump selection attached)

- Design Condition **300 gpm @ 23' TDH**
- Pump Size **4" Intake DN80 (3.15 in.) Discharge DN100 (3.94 in.)**
- Impeller **226mm (8.90 in.) Single-Channel Closed**
- Motor Rating **2.85HP Oil Cooled Class H Insulation NEMA B design for wet pit installation**
- Motor Speed **1140 RPM**
- Power Supply **230V/3PH/60Hz**
- FM Explosion Rating certifying use in Class 1, Division 1, Groups C&D (Zone 1) Hazardous locations
- Cable Length **40' Power, Control and Sensors (Thermal & Moisture)**
- Coating **Standard Epoxy Coating**
- Pump/Motor Weight **255 lb./ea**

ACCESSORIES INCLUDED:

- 2 – WILO 4" Base Elbow Kit, Included Base Elbow, Pump Coupling, Upper GR Bracket, Hardware**
- 4 – Guide Rail, 1.25" dia. x 20', SCH40, 316SS**
- 2 – Epoxy Coating, Inside Base Elbow, Belzona 5811**

NOT INCLUDED:

Only the items listed above are included in this proposal. The following is a list of Equipment/Services are specifically Excluded:

- Pump Lifting Arrangements
- Controls & SCADA System
- Control Floats
- Panel Mounting Equipment
- Power Distribution Equipment
- Electrical Wiring (Power, Signal, Communication, Grounding, etc.)
- Electrical Conduit, Junction Boxes, Mounting & Fastening Equipment, Terminations, etc.
- Piping, Valves, Fittings, Vents & Gauges
- Concrete & Fiberglass Structures
- Confined Space and/or "Permit-Required Confined Space" entry (as defined by OSHA)
- Permitting and/or associated construction fees
- Installation

COMMENTS AND CLARIFICATIONS:

- This proposal is offered as an acceptable pumping system based upon descriptive items listed above. Deviations from the equipment described could result in a price adjustment. WIL0 USA LLC offers a limited five (5) year municipal warranty. A copy is included herewith and is considered a part of this proposal.

START-UP SUPERVISION:

If necessary a WIL0-USA LLC factory authorized supervisor (Field Engineer) can be provided at start-up in a supervisory capacity only. Any and all costs associated with labor, set-up, additional field tests, etc. are to be by the Owner/Contractor.

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ESTIMATED DOCUMENT & EQUIPMENT DELIVERY:

Submittal Drawings - 1 week after placement of an acceptable order (IF NECESSARY).
Assembly & Delivery - 4 to 6 weeks based on receipt in our office of complete approval of submittal data, if required. Freight allowed to job site. AAG will provide an operation and maintenance manual to the Owner.

PRICING:

Total price, F.O.B. shipping point, freight allowed to jobsite in contiguous 48 U.S. states, plus any Federal, State or Local Taxes which may apply. Quoted price and delivery good for (45) days. (For other conditions, refer to attached).

PUMP STATION PACKAGE (As listed above): \$ 14,840.00

TERMS:

100% due and payable 30 days from date of each invoice, subject to continuing approval of credit. Payment of this invoice is in no way contingent upon payment by others. In event any amount becomes past due, buyer agrees to pay seller a fee of 1 1/2% of unpaid balance each month until paid, at the highest legal rate allowed by law, whichever is lower, plus all costs of collection including reasonable attorney's fees. Failure to pay in accordance with terms voids all warranties and no service or start-up will be authorized until account is paid in full including service fee and collection costs.

ACCEPTED THIS 23rd DAY OF SEPT 2021

Drew Whitman
PURCHASER REPRESENTATIVE

Drew Whitman
PRINT NAME

City of Panama City Beach
COMPANY NAME

17007 PCB Park Way
COMPANY ADDRESS

PCB, FL 32413
CITY, STATE, ZIP

850-233-5100 Ext. 2230, Lynne Fasone
COMPANY CONTACT INFO

Mark.Shaeffler@pcbfl.gov
850-233-5100 Ext 2321

SUBMITTED this 7th DAY of July
2021

Brian D. Justice, P.E.
AAG REPRESENTATIVE



2340 Industrial Dr Panama City, FL 32405

Phone: 850-763-9386 Fax: 850-785-8545

Cell: 850-814-7702

brian@aagpumps.com

www.aagpumps.com



Proposal/Order Acknowledgement and Standard Terms of Sale

- 1. APPLICABLE TERMS.** These terms govern the sale by AAG ELECTRIC MOTORS AND PUMPS, INC. ("AAG") of the equipment and related services, if any (collectively referred to as the "Products"), referred to in AAG's quotation, proposal or order acknowledgment, as the case may be (collectively referred to as the "AAG's Documentation"). If any terms are included in any purchase order or other offer made by Buyer, AAG's acceptance of any such purchase order or offer is conditioned on Buyer's assent to these terms. AAG specifically rejects all additional or different terms in any of Buyer's forms or documents.
- 2. PAYMENT.** All orders are subject to credit approval. All payments for Water Management Products must be made within thirty (30) days of the date of invoice. Standard payment terms for all Building Services or Groundwater products are 2%, 10% prox. The Buyer agrees that if charges are not paid within thirty (30) days, a service charge of \$250 per month shall apply to each past due invoice. In addition, all amounts that are past due shall bear interest at the rate of two percent (2%) per month (twenty-four percent (24%) annual rate) or the maximum rate allowed by applicable law, whichever is less, will be assessed and due on the past due account. Payment of the service charge is not an alternative to payment in full. Buyer shall pay AAG the full purchase price as set forth in AAG's Documentation. Unless AAG's Documentation provides otherwise, freight, storage, insurance and all taxes, duties or other governmental charges relating to the Products shall be paid by Buyer. If AAG is required to pay any such charges, Buyer shall immediately reimburse AAG. Buyer shall pay all of AAG's reasonable costs (including attorneys' fees) of collecting amounts due but unpaid.
- 3. ORDER REQUIREMENTS/EXPRESS/CANCELLATIONS/RETURN POLICY.** Orders totaling less than \$100 (net price) shall be subject to a minimum billing charge of \$100. **Express orders** - Orders requiring special handling to ensure shipment in less than the normal lead time or same day orders are subject to an additional \$50.00 Special Handling Charge. No Special Handling Charge will be applied if the Express Order does not ship by the date committed to by the AAG Buyer Service Representative. **Cancellations** - Orders that have been approved and accepted by AAG are firm commitments and are not subject to cancellation without written consent of AAG. If cancellation is approved, it is subject to a minimum 25% charge for accrued material and fabrication costs, special engineering costs and testing, handling, and accounting costs if they are applicable. **Returned Orders** - A 25% restock fee shall apply to returned orders of off-the-shelf Products. A 15% restock fee shall apply to returned orders of off-the-shelf Products if concurrently placing orders of equal or greater value. A 50% restock fee shall apply to returned orders of assembled Products. A 100% restocking fee shall apply to returned orders of configured or manufactured Products.
- 4. SUBMITTALS.** Buyer shall prepare all drawings, specification sheets and related documents ("Submittals"). Upon Buyer's request, AAG can prepare the Submittals. AAG shall have no liability for any claimed loss incurred by the Buyer, including any claim for lost time or expenses until such Submittals are approved by Buyer or the building owner or governmental authority. Changes of any kind to approved Submittals may result in additional expenses to the Buyer, including but not limited to a change in the sale price of equipment, alternate materials of construction, additional materials testing and additional hydraulic or vibration testing. Unless Buyer authorizes and pays such additional charges and compensation, AAG may cancel the purchase agreement without incurring any financial liability.
- 5. DELIVERY.** Buyer orders will be shipped freight collect, unless the order qualifies for prepaid freight (noted below). On non-prepaid orders AAG may agree to pay freight charges and add these charges, plus a 10% handling charge (on freight charge only) to the Buyer's invoice. Single orders with ONE destination within the 48 contiguous states may qualify for freight charges to be prepaid by AAG. All Water Management and Groundwater orders will ship prepaid and charged. "Single orders" are defined as one Buyer requested ship date, with one delivery address, on one purchase order. Multiple requested ship dates must individually qualify under ONE of the following conditions:

 - a. The order includes at least 25 COMPLETE UNITS, excluding boxed domestic circulator pumps. One complete unit is defined as one pump/motor combination, or one pump end and one motor.
 - b. The net value of a single Building Services order is equal to/greater than \$5,000.
 - c. The order includes domestic circulator pumps in full skid quantities.
 - d. On qualifying prepaid shipments, Buyers may choose to ship on a carrier other than that of the AAG preferred carrier and Buyer will be billed for any applicable freight variance. Drop shipments are allowable and subject to the prepaid freight conditions above and additionally must be to a pre-approved "ship to" location. Emergency situations will require approval from AAG. Buyer may also pick up from AAG facility during normal warehouse hours given reasonable notice.
- 6. OWNERSHIP OF MATERIALS.** All devices, designs (including drawings, plans and specifications), estimates, prices, notes, electronic data and other documents or information prepared or disclosed by AAG, and all related intellectual property rights (hereinafter collectively referred to as "Trade Secrets"), shall remain AAG's property. Buyer shall not in any fashion, form or manner, misappropriate (or cause the misappropriation of) any confidential information or "Trade Secret" (as defined in the Uniform Trade Secrets Act) of AAG. AAG grants Buyer a non-exclusive, non-transferable, revocable license to use any such material solely for Buyer's use of the Equipment. Buyer shall not disclose any confidential information or trade secret to any third parties without AAG's prior written consent.
- 7. CHANGES.** AAG shall not implement any changes in the scope of work described in AAG's Documentation unless Buyer and AAG agree in writing to the details of the change and any resulting price, delivery schedule or other contractual modifications. This includes any changes necessitated by a change in applicable law occurring after the effective date of any contract including these terms.
- 8. WARRANTY. EXCEPT AS EXPRESSLY PROVIDED HEREIN, AAG MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED WITH RESPECT TO ANY PUMPS, PRODUCTS, PARTS OR SERVICES PROVIDED BY AAG INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE,**



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APPLICATION OR USE. The Limited Warranty provided herewith and hereby made a part hereof states the sole and exclusive limited warranty applicable to the equipment. Such Limited Warranty can also be found at www.wilo-usa.com.

9. FORCE MAJEURE. Neither AAG nor Buyer shall have any liability for any breach (except for breach of payment obligations) caused by extreme weather or other act of God, strike or other labor shortage or disturbance, fire, accident, war or civil disturbance, delay of carriers, failure of normal sources of supply, act of government or any other cause beyond such party's reasonable control.

10. LIMITATION OF LIABILITY. NOTWITHSTANDING ANYTHING ELSE TO THE CONTRARY, AAG SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, PUNITIVE OR OTHER INDIRECT DAMAGES, AND AAG'S TOTAL LIABILITY ARISING AT ANY TIME FROM THE SALE OR USE OF THE EQUIPMENT SHALL NOT EXCEED THE PURCHASE PRICE PAID FOR THE EQUIPMENT. THESE LIMITATIONS APPLY WHETHER THE LIABILITY IS BASED ON CONTRACT, TORT, STRICT LIABILITY OR ANY OTHER LEGAL OR EQUITABLE RECOVERY THEORY.

11. MISCELLANEOUS. If Buyer has advised in advance that the equipment is being sold in connection with a contract with the Federal government, these terms shall be deemed to include those federal acquisition regulations that are required by law to be included. These terms, together with any quotation or acknowledgement issued or signed by the AAG, comprise the complete and exclusive statement of the agreement between the parties (hereinafter referred to as the "Agreement") and supersede any terms contained in Buyer's documents, unless separately signed by AAG. No part of the Agreement may be changed or cancelled except by a written document signed by AAG and Buyer. No course of dealing or performance, usage of trade or failure to enforce any term shall be used to modify the Agreement. If any of these terms is unenforceable, such term shall be limited only to the extent necessary to make it enforceable, and all other terms shall remain in full force and effect. Buyer may not assign or permit any other transfer of the Agreement without AAG's prior written consent. The Agreement shall be governed by the laws of the State of Florida without regard to its conflict of laws provisions. Any litigation or other proceeding involving any dispute between Buyer and AAG shall be brought and maintained exclusively in either the state or federal courts located in Bay County, Florida and Buyer and AAG expressly consent to the exclusive jurisdiction of such Courts.

**WILO WATER MANAGEMENT
LIMITED WARRANTY FOR WILO FA PUMPS
ONE-YEAR WARRANTY FOR CERTAIN ANCILLARY EQUIPMENT**

EXCEPT AS EXPRESSLY PROVIDED HEREIN, WILO USA LLC MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, WITH RESPECT TO ANY PRODUCTS, PARTS OR SERVICES PROVIDED BY WILO USA LLC INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, APPLICATION OR USE.

LENGTH AND SCOPE OF WARRANTY

WILO USA LLC offers the below limited Warranty against defects in materials and workmanship, for WILO FA Model pumps used in permanent installations in accordance with and subject to all requirements of WILO installation and operation instructions, when such installations are operated under normal conditions pumping wastewater at ambient temperature. Normal conditions specifically include a maximum of 15 equipment starts per hour on constant speed installations or unlimited pump starts per hour on soft start or variable speed installations. Pumps that handle abrasive and/or corrosive liquids are not covered by this warranty unless specifically agreed to, and approved in writing by WILO USA LLC. FA pumps are warranted only for the original application and specific hydraulic conditions.

Motors, electrical control boxes and all other items other than WILO pumps furnished by WILO USA LLC are covered by a Limited Warranty for a period of one (1) year from date of commissioning, or six (6) months after shipment, and are subject to all of the conditions, limitations, and requirements stated herein.

The warranty period starts at either commissioning or six (6) months after shipment, whichever comes first. Commissioning is defined to be the day that the unit is put into service and start up is completed.

OBLIGATIONS OF WILO

WILO USA LLC's sole obligation shall be to either repair, modify or replace, at its sole discretion, (a) a defective municipal use FA pump which is received by WILO within five (5) years or a defective industrial use FA pump which is received by WILO within two (2) years after the start of the warranty period that (b) has been inspected by WILO to confirm the existence of a defect.

Municipal and industrial use pumps received within one (1) year of the start of the warranty period shall be repaired at no charge. Municipal pumps received in years two through five (2-5), and Industrial use pumps received in year two (2) of the warranty period shall be repaired at no charge, excluding labor.

FA pumps shipped to WILO for warranty service must be shipped prepaid to WILO, or a WILO Authorized Service Center. Repaired pumps shall be returned to the purchaser freight collect. Electrical Schematics and start-up reports satisfactory to WILO are required from purchaser prior to consideration of any claim under this Limited Warranty.

Commissioning and initial start-up of WILO Model FA Pumps shall be performed by WILO or a WILO Authorized Service Center, and a written start-up report shall be generated by WILO. A copy of the start-up report shall be made available to the purchaser. Should a WILO Model FA Pump require a repair during the warranty period, WILO, or a WILO Authorized Service Center, shall provide re-commissioning of the repaired pump at no charge to the purchaser and issue a new start-up report. Operation of a WILO Model FA pump without an approved start-up shall make any warranty from WILO null and void without written permission from an officer of the company of WILO.

OBLIGATIONS OF PURCHASER

The purchaser is responsible for all freight and rigging charges for removing pumps from service and delivery of the pumps to and from a WILO Authorized Service Center. The purchaser is responsible for all repair costs that are deemed to be outside of the scope of WILO's warranty. The purchaser should inspect all shipments/deliveries upon receipt. Damaged products should not be accepted, or signed for as "damaged" on the original bill of lading. WILO must be notified immediately of any shipments which were damaged. Upon receipt of delivery from WILO you have a period of 48hrs to declare any missing material listed on the BOL but not received. After this period WILO USA cannot be responsible for claims of missing items after this time.

The purchaser shall connect all WILO provided motor sensors to the control system. Motor sensor control circuitry must be operational at start-up, and at all times. WILO requires any application using variable frequency drives to use load side filters where power cable lengths are in excess of 50 feet.

EXCLUSIONS AND EXCEPTIONS

This Limited Warranty excludes damage or wear to products caused by misapplication of product, improper maintenance, accident, abuse, unauthorized alteration or repair, Acts of God, or installation or operation that is non-compliant with WILO installation and operation instructions.

This Limited Warranty excludes normal wear and tear of wear rings, impellers, volutes and heat exchangers and other consumable parts and does not cover any failure caused by lightning, single-phasing, incorrect voltage, other defects or interruptions in the power supply or by splicing the electrical cable between the pump control panel and the pumps.

This Limited Warranty shall only apply to the type of WILO pumps described above, and shall not apply to any WILO pumps, electrical control equipment, or other items furnished which have been repaired by anyone other than WILO or a WILO Authorized Service Center.

Technical data

Submersible sewage pump

FA 10.33E

with motor

FK 17.1-6/8KEx

Pump					
Pump type	FA 10.33E		Installation type	Suspension device	
Impeller Ø	max. possible	249 mm	Free passage	DN100/2RK	
	standard	223 mm		80 mm	
	designed	226 mm		Suction port	Pressure rating
	min. possible	194 mm			PN10
Nominal speed	1140 1/min	Discharge port	Rated diameter	DN80	
Frequency	60 Hz		Standard	EN1092-2-S	
Impeller type	Single-channel		Pressure rating	PN10	
Impeller construction	Closed		Rated diameter	DN100	
			Standard	EN1092-2-D	
Weights					
Weight of pump end	max. 68.3 lb	Weight of unit	max. 255.7 lb		
Weight of motor	187.4 lb				
Materials					
Pump housing	EN-GJL-250				
Stationary wear ring	1.4308				
Impeller	EN-GJS-500-7				
Mobile wear ring	1.4462/1.4470				
Motor					
Motor name	FK 17.1-6/8KEx		Number of poles	6	
Rated power	2.85 hp	Rated speed	1090 rpm		
Power input with rated power			4.15 hp		
Rated voltage			230 -3 V		
Current input with rated power			9.5 A		
Efficiency with rated power			68 %		
cos phi with rated power	0.82	Rated frequency	60 Hz		
cos phi with starting		Operation type wet	S1		
Starting current, direct starting	34.5 A	Operation type dry	S1		
Starting current, star-delta	12 A	Max. fluid temperature	104 °F		
Starting torque	26 lbf ft	Starts per hour max.	15		
Inertia moment	0.2658 lb ft²	Degree of protection	IP 68		
Sel. explosion protection	FM	Ex-number	-		
Ex-designation	FM				
Motor connection cable	7G1,5 H07RN-F				
Duty point data					
Volume flow	300.4 US g.p.m.	Fluid	Water, pure		
Head	23 ft	Required pump NPSH	4.6 ft		
Shaft power	P ₂ 2.4 hp	Speed	1104 rpm		
Pump efficiency	73.9 %	Total efficiency	= $\frac{P_2 \cdot \text{Pump efficiency}}{P_1}$		
Power input	P ₁ 3.55 hp				
Item no.					

Technical data

Submersible sewage pump

FA 10.33E

with motor
FK 17.1-6/8KEx

Tender text

Submersible Sewage Pump as submersible, single-stage block unit in stationary, vertical installation to pump untreated sewage which doesn't attack the pump neither chemically nor mechanically. Pump with radially arranged discharge piece and axial pump intake. Service-friendly design by separated motor and pump casing. Pumping values to be guaranteed as per ISO 9906 Annex A

Submersible motor in pressure-resistant design, with internal, hermetically-tight active cooling with highly efficient heat exchanger, double mechanical shaft seal in EMU block design, as well as separate sealing chamber. The motor chamber and the sealing chamber are filled with medical white oil. Motor sealing at the shaft by a double, wear-resistant mechanical shaft seal independent of the direction of rotation entirely made of silicon-carbide as closed unit in EMU sealing cartridge of stainless steel with intermediate separation chamber and additional shaft sealing ring.

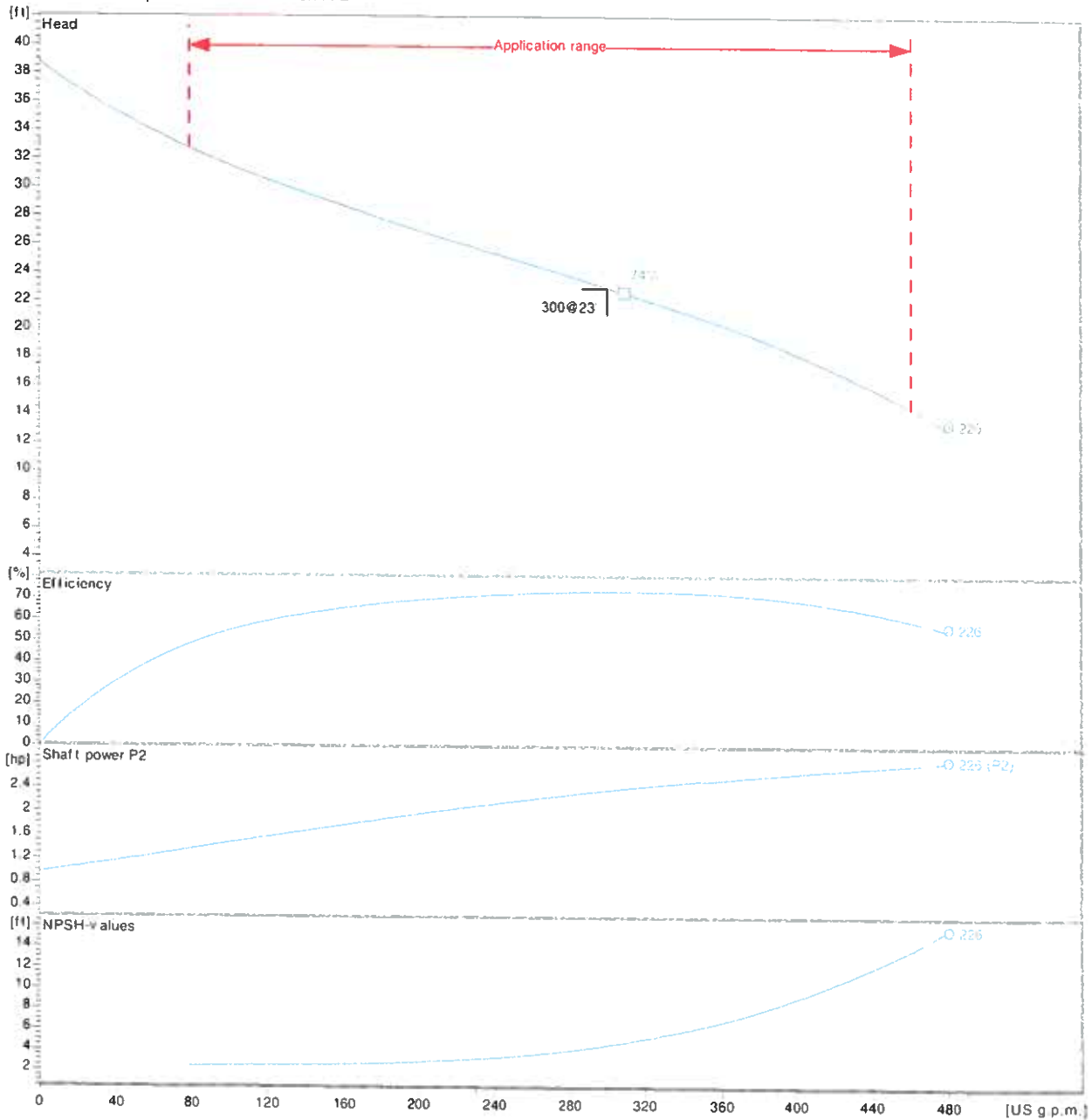
Both seals are cooled and lubricated. The motor chamber is equipped with connecting terminals. Protection of the motor winding by thermistors installed. Both closed ball bearings are maintenance-free and filled with high-quality grease. All casing parts are of cast iron. Shaft and connecting elements are of stainless steel. The motor is suitable for continuous operation (s1) under full load in immersed and completely emerged condition.

Performance curves
 Submersible sewage pump

FA 10.33E

with motor
 FK 17.1-6/8KEEx

Power data referred to: Water, pure (100%); 68°F; 62.315lb/ft³; 1.0768E-5ft²/s
 Tolerance as per ISO 9906 / Annex A.2



Pump			Duty point data		
Impeller Ø	designed	226	mm	Volume flow	300.4 US g.p.m.
Nominal speed		1140	rpm	Head	23 ft
Frequency		60	Hz	Shaft power	P ₂ 2.4 hp
Impeller type		Single-channel		Pump efficiency	73.9 %
Motor				Power input	P ₁ 3.55 hp
Rated power		2.85	hp	Required pump NPSH	4.6 ft
Sel. explosion protection		FM		Speed	1104 rpm

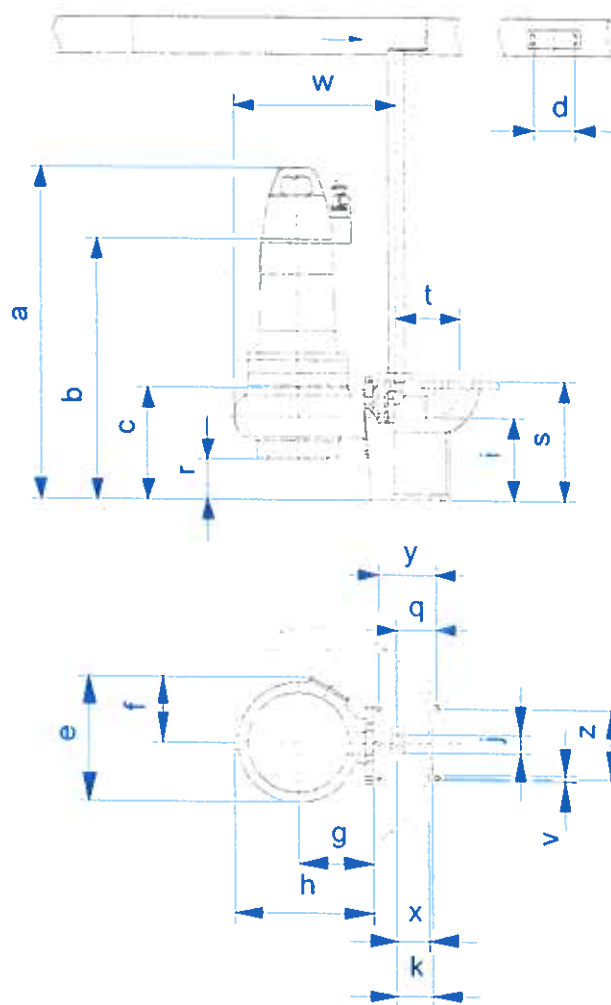
Technical data

Submersible sewage pump

FA 10.33E

with motor

FK 17.1-6/8KE_x



Dimensions in mm				Connections
a	934	r	131	Suction port
b	724	s	325	
c	294	t	176	
d	110	v	15	DN80
e	374	w	527	PN10
f	197	x	90	Discharge port
g	269	y	160	
h	462	z	190	DN100
i	225			PN10
j	50			Suspension device
k	98			
q	109			

Jim House & Associates, Inc.
 1401 Georgia Road
 Irondale, AL 35210
 PO Box 101957 (35210)
 (205) 592-6302 (800) 292-6335



Since 1957

Quote

Date	Quote #
6/21/2021	15709

Bill To
CITY OF PANAMA CITY BEACH 110 SOUTH ARNOLD ROAD PANAMA CITY BCH FL 32413

Ship To
CITY OF PANAMA CITY BEACH ATTN: KEITH SIMS 206 N. GULF BLVD PANAMA CITY BEACH, FL 32413

Equipment ID	Equipment Manufacturer/Model	Serial number	Project	P.O. No.
L.S. 81	Flygt CP3085 182-438	0120423	SI4439-6	

FREIGHT

Estimate Description

CONTACT/ATTN: Keith Sims

REPORT/FAILURE ANALYSIS: Upon inspection, found impeller and stationary wear ring worn. In addition, found pump flooded with sewage, lower bearings washed free of grease and stator insulation burnt. Also, found shaft unit seal journal worn/damaged and pump cable wet. Parts needed for repair listed below:

- Labor Charge to Repair Flygt CP3085 182-438 (3HP/230V/3PH)
- SN: 0120423 - L.S. 81
- 6018927 REPAIR KIT 3085.092/182
- MACHINE SHAFT UNIT
- 14300700 IMPELLER MT-CI 438
- 4084012E STATOR 3085 3HP/230V/3PH
- 942102 SUBCAB AWG 14/7 CABLE
- 843534 GROMMET 18IDx35ODx22L CR
- 5047807 FLS PIGTAIL 3085
- 5188902 LEAK DETECTOR UNIT FLS
- 3989200 WEAR RING-BRASS 3085
- OIL 3085
- MATERIALS, LUBES & SOLVENTS

Approximate Lead Time After Approval or Purchase Order 1 Week

Please tell us how to proceed by checking the appropriate box below or by other instruction:

Repair:

Scrap:

Return to you freight collect

You may provide your response to us as follows:

Phone: (800)-292-6335 or (205)-592-6302

Fax: (205) 951-0291 or email greg@jimhouse.com

If no response is received within 90 days Jim House & Associates reserves the right to scrap the quoted equipment.

Approved By: _____

Total Repair Costs:	\$5,212.00
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Jim House & Associates, Inc.
 1401 Georgia Road
 Irondale, AL 35210
 PO Box 101957 (35210)
 (205) 592-6302 (800) 292-6335
 Fax: (205) 951-0291



Since 1957

Gulf Coast Office
 24312 Highway 98
 Fairhope, AL 36532
 (251) 928-7867 (800) 919-7867
 Fax: (251) 928-7804

Quote

Date
9/15/2021

Quote #
15835

Name / Address
CITY OF PANAMA CITY BEACH 110 SOUTH ARNOLD ROAD PANAMA CITY BCH FL 32413

Ship To
CITY OF PANAMA CITY BEACH ATTN: KEITH SIMS 206 N. GULF BLVD PANAMA CITY BEACH, FL 32413

Dear customer,
 As requested, we are pleased to provide a quotation for the following equipment:

Qty	Manufacturer	Item Description
2	FLYGT	NP3085.070-462 (311P, 460/3/60, FLS, FM) NOTE: CHANGE VOLTAGE TO 230V PRIOR TO SHIPPING FREIGHT CURRENT DELIVERY OF (1) UNIT IS STOCK, DELIVERY OF ADDITIONAL UNIT IS 10-12 WEEKS, ARO

Only the items mentioned specifically herein are included. Additional equipment required for installation such as main electrical service, conduit and wire, discharge piping and/or valves, concrete, or any other necessary items are not included in our proposal and are to be provided by others. Pricing is subject to the attached terms and conditions. Service is available at the per diem rates shown in the attached terms and conditions. All pricing is firm for 30 days from the above date.

Sales Tax (0.0%)	\$0.00
Total:	\$13,492.00