

CITY OF TEXAS CITY
REGULAR CALLED CITY COMMISSION MEETING

AGENDA

WEDNESDAY, JANUARY 20, 2021 - 5:00 P.M.
CHARLES T. DOYLE CONVENTION CENTER
2010 5th Ave. N.
Texas City, TX 77590

PLEASE NOTE:

Due to the COVID 19 Disaster and the CDC's recommendation regarding social distancing measures, the City Commission requests that you seat six (6) feet apart and wear your mask.

Public comments and matters from the floor are generally limited to 3 minutes in length. If you would like to request to speak, please do so in advance of the meeting by filling out a Request To Address Commission form. All in attendance are required to remove hats and/or sunglasses (dark glasses) during meetings and to also silence all cell phones and electronic devices.

(1) ROLL CALL

(2) INVOCATION

(3) PLEDGE OF ALLEGIANCE

(4) PROCLAMATIONS AND PRESENTATIONS

(a)	Service Awards			
	John Glover	Parks & Recreation	01/24/2011	10 years
	Raymond Mason	Public Works	01/24/2011	10 years
	Ray Batts	Sanitation	01/30/2006	15 years
	John Stevenson	Fire	01/09/2006	15 years
	Retirements			
	Stephen Strickhausen	Fire		35 years
	Steve Cooley	Fire		30 years

(5) REPORTS

(a) Racial Profiling Report for calendar year 2020 (Police Department))

(b) Crime Statistics for year 2020 (Police Department)

(6) PUBLIC COMMENTS

(7) CONSENT AGENDA

- (a) Approve City Commission Minutes for January 6, 2021 meeting. (City Secretary)
 - (b) Consider and take action on Resolution No. 21-004, extending the Mayor's Declaration of Disaster. (Emergency Management)
 - (c) Consider and take action on Resolution No. 20-005, approving a contract for Bid No. 2021-091 Recycled Crushed Concrete Annual Contract. (Public Works)
 - (d) Consider and take action on Resolution No. 21-006, approving the purchase of Lift Station 23 pumps. (Public Works)
- (8) REGULAR ITEMS
- (a) Consider and take action on Ordinance No. 21-01, amending the fiscal year 2020/2021 budget by changing the part-time Deputy City Marshal position to full-time and provide funding for the related salary and benefits. (Finance)
- (9) MAYOR'S COMMENTS
- (10) COMMISSIONERS' COMMENTS
- (11) ADJOURNMENT

NOTICE OF ANY SUBJECT APPEARING ON THIS AGENDA REGARDLESS OF HOW THE MATTER IS STATED MAY BE ACTED UPON BY THE CITY COMMISSION.

I, THE UNDERSIGNED AUTHORITY, DO HEREBY CERTIFY THAT THIS NOTICE OF MEETING WAS POSTED ON THE BULLETIN BOARDS AT CITY HALL, 1801 9TH AVENUE NORTH, TEXAS CITY, TEXAS, AT A PLACE CONVENIENT AND READILY ACCESSIBLE TO THE GENERAL PUBLIC AND ON THE CITY'S WEBSITE ON JANUARY 15, 2021, PRIOR TO 5:00 P.M. AND REMAINED SO POSTED CONTINUOUSLY FOR AT LEAST 72 HOURS PRECEDING THE SCHEDULED TIME OF SAID MEETING.

RHOMARI LEIGH
CITY SECRETARY

CITY COMMISSION REGULAR MTG

(4) (a)

Meeting Date: 01/20/2021

January 2021 Service Awards

Submitted For: Jennifer Price, Human Resources

Submitted By: Susan Sensat, Administration

Department: Human Resources

Information

ACTION REQUEST (Brief Summary)

Service Awards

John Glover	Parks & Recreation	01/24/2011	10 years
Raymond Mason	Public Works	01/24/2011	10 years
Ray Batts	Sanitation	01/30/2006	15 years
John Stevenson	Fire	01/09/2006	15 years

Retirements

Stephen Strickhausen	Fire	35 years
Steve Cooley	Fire	30 years

BACKGROUND

ANALYSIS

ALTERNATIVES CONSIDERED

Fiscal Impact

CITY COMMISSION REGULAR MTG

(7) (a)

Meeting Date: 01/20/2021

Submitted By: Rhomari Jackson, City Secretary

Department: City Secretary

Information

ACTION REQUEST (Brief Summary)

Approve City Commission Minutes for January 6, 2021 meeting. (City Secretary)

BACKGROUND

ANALYSIS

ALTERNATIVES CONSIDERED

Fiscal Impact

Attachments

Minutes

REGULAR CALLED CITY COMMISSION MEETING

MINUTES

WEDNESDAY, JANUARY 6, 2021 – 5:00 P.M.
KENNETH T. NUNN COUNCIL ROOM – CITY HALL

A Regular Called Meeting of the City Commission was held on Wednesday, JANUARY 6, 2021, at 5:00 P.M. in the Kenneth T. Nunn Council Room in City Hall, Texas City, Texas. A quorum having been met, the meeting was called to order at 5:03 p.m. by Mayor Dedrick Johnson, Sr.

1. ROLL CALL

Present: Dedrick Johnson, Mayor
Thelma Bowie, Commissioner At-Large, Mayor Pro Tem
Kevin Yackly, Commissioner At-Large
Keith Henry, Commissioner District 1
Felix Herrera, Commissioner District 2
Dorthea Jones Pointer, Commissioner District 3
Jami Clark, Commissioner District 4

2. INVOCATION

Led by Pastor Jervie Windom of Resonate Church.

3. PLEDGE OF ALLEGIANCE

Led by Commissioner District 3 Dorthea Jones Pointer.

4. PRELIMINARY PLAT APPROVAL

- a. Consider approval of a Master Plan for a single-family residential subdivision known as Central Park West.

5. PUBLIC COMMENTS

There were none.

6. CONSENT AGENDA

- a. Approve City Commission Minutes for December 16, 2020 meeting. (City Secretary)

Motioned by Commissioner District 3 Dorthea Jones Pointer, seconded by Commissioner District 2 Felix Herrera to approve Consent Agenda items a, b, c, and d.

- b. Consider and take action on Resolution No. 21-001, appointing and/or re-appointing members to the Gulf Coast Transit District (GCTD) Board of Directors. (Management Services)

Vote: 7 - 0 CARRIED

- c. Consider and take action on Resolution No. 21-002, approving a Settlement Agreement with Comcast of Houston, LLC. (Management Services)

Vote: 7 - 0 CARRIED

- d. Consider and take action on Resolution No. 21-003, appointing and/ or re-appointing Members to the Texas City Housing Authority Board. (Management Services)

Vote: 7 - 0 CARRIED

- 7. MAYOR'S COMMENTS
- 8. COMMISSIONERS' COMMENTS
- 9. ADJOURNMENT

Having no further business, Commissioner District 2 Felix Herrera made a MOTION to ADJOURN at 5:36 p.m.; the motion was SECONDED by Commissioner District 4 Jami Clark. All present voted AYE. MOTION CARRIED.

DEDRICK JOHNSON, SR., MAYOR

ATTEST:

Rhomari Leigh, City Secretary
Date Approved:

CITY COMMISSION REGULAR MTG

(7) (b)

Meeting Date: 01/20/2021

Submitted By: Rhomari Jackson, City Secretary

Department: City Secretary

Information

ACTION REQUEST (Brief Summary)

Consider and take action on Resolution No. 21-004, extending the Mayor's Declaration of Disaster. (Emergency Management)

BACKGROUND

ANALYSIS

ALTERNATIVES CONSIDERED

Fiscal Impact

Attachments

Resolution

RESOLUTION 21-004

A RESOLUTION CONTINUING THE DECLARATION OF LOCAL STATE OF DISASTER FOR THE CITY OF TEXAS CITY, TEXAS; AND PROVIDING THAT THIS RESOLUTION SHALL BECOME EFFECTIVE FROM AND AFTER ITS PASSAGE AND ADOPTION.

WHEREAS, the City of Texas City on March 18, 2020, took extraordinary measures resulting from Covid-19; and

WHEREAS, the Mayor of Texas City and City Commission has determined that these extraordinary measures must be taken to protect the citizens of Texas City, and

WHEREAS, the City Commission of Texas City has determined the need to extend the declaration for thirty (30) additional days. Today's Extension will continue until 5:00p.m. February 18, 2020.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF TEXAS CITY, TEXAS:

SECTION: The City Commission of the City of Texas City, Texas pursuant to Texas Government Code Section 418.108(b) hereby consents to continuing the declaration of local state of disaster for the City of Texas City, Texas.

SECTION 2: The declaration of local state of disaster for the City of Texas City, Texas, resulting from Covid-19 is therefore continued.

SECTION 3: This declaration continuing a local state of disaster shall be effective for thirty (30) days on and from its date of issuance, provided however that this declaration may be terminated before the expiration of thirty days by subsequent order of the Mayor, and may be continued or renewed beyond thirty days from its date of issuance only with the consent of the City Commission of the City of Texas City, Texas.

SECTION 4: This declaration continues the activation of the City's Emergency Management Plan.

SECTION 5: This declaration continues the activation of the recovery and rehabilitation aspects of all applicable local or interjurisdictional emergency management plan and authorizes the furnishing of aid and assistance under the declaration.

SECTION 6: This declaration shall be given prompt and general publicity and shall be filed promptly with the City Secretary.

SECTION 7: That this declaration shall take effect immediately from and after its issuance.

PASSED AND ADOPTED this 20th day of January 2021.

Dedrick D. Johnson, Sr., Mayor
City of Texas City, Texas

ATTEST:

APPROVED AS TO FORM:

Rhomari D. Leigh
City Secretary

Kyle L. Dickson
City Attorney

CITY COMMISSION REGULAR MTG

(7) (c)

Meeting Date: 01/20/2021

2021-091 Recycled Crushed Concrete Annual Contract

Submitted For: Mike McKinley, Public Works

Submitted By: Mike McKinley, Public Works

Department: Public Works

Information

ACTION REQUEST (Brief Summary)

Approve and award a contract for Bid # 2021-091 Recycled Crushed Concrete Annual Contract.

BACKGROUND

On 12/15/2020 and 12/22/2020 the request for bidders was published in the Galveston County Daily News. Bid packets were sent to local area vendors at that time. The bids were opened 01/12/2021 and read aloud.

A bid tabulation is attached for your review.

ANALYSIS

The lowest responsible bidder meeting all qualifications is Southern Crushed Concrete Inc., in Houston Texas.

It is the recommendation of the Public Works Department to award bid number 2021-091 to Southern Crushed Concrete Inc., for the unit prices bid and that the Mayor be authorized to execute a contract on behalf of the City Commission.

Thank you.

ALTERNATIVES CONSIDERED

Fiscal Impact

Attachments

Exhibit A
Resolution

BID TABULATION

2021-091 RECYCLED CRUSHED CONCRETE ANNUAL CONTRACT

Bid Opening Tuesday, January 12, 2021

<u>Vendor</u>	<u>Delivered to Texas City in Tandem Dump</u>	<u>Picked Up by City Truck</u>	<u>Delivered in Trailer Truck</u>	
	<u>Unit</u>	<u>Unit</u>	<u>Unit</u>	
	<u>3000 tons</u>	<u>500 tons</u>	<u>3000 tons</u>	<u>Total</u>
Southern Crushed Concrete	\$23.73 \$71,190.00	\$17.99 \$8,995.00	\$23.73 \$71,190.00	\$151,375.00
Cherry Crushed Concrete	\$26.90 \$80,700.00	\$18.35 \$9,175.00	\$25.90 \$77,700.00	\$167,575.00
Century Asphalt	\$27.60 \$82,800.00	\$17.90 \$8,950.00	\$25.80 \$77,400.00	\$169,150.00

RESOLUTION NO. 20-005

A RESOLUTION AWARDING BID NO. 2021-091 RECYLED CRUSHED CONCRETE ANNUAL CONTRACT AND AUTHORIZING THE MAYOR TO ENTER INTO A CONTRACT WITH SOUTHERN CRUSHED CONCRETE INC., AND PROVIDING THAT THIS RESOLUTION SHALL BECOME EFFECTIVE FROM AND AFTER ITS PASSAGE AND ADOPTION.

WHEREAS, on December 15, 2020 and December 22, 2020, the Notice to Bidders was published in the Galveston Daily Newspaper and made available to local area vendors for Bid No. 2020-091 Recycled Crushed Concrete Annual Contract; and

WHEREAS, bids were opened on January 12, 2021, and the lowest responsible bidder meeting all requirements was Southern Crushed Concrete Inc., Houston, Texas for an estimated bid amount of \$169,150.00.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF TEXAS CITY, TEXAS:

SECTION 1: That the City Commission awards Bid No. 2020-091 Recycled Crushed Concrete Annual Contract to Southern Crushed Concrete Inc.

SECTION 2: That the Mayor is hereby authorized to enter into a contract with Southern Crushed Concrete Inc. for the unit prices bid attached hereto as **Exhibit "A"** and to approve change orders not to exceed twenty-five percent (25.0%) of the total contract without taking the matter before the City Commission.

SECTION 3: That this Resolution shall be in full force and effect from and after its passage and adoption.

PASSED AND ADOPTED this 20th day of January 2021.

Matthew T. Doyle, Mayor
City of Texas City, Texas

ATTEST:

APPROVED AS TO FORM:

Rhomari D. Leigh

Kyle L. Dickson

City Secretary

City Attorney

CITY COMMISSION REGULAR MTG

(7) (d)

Meeting Date: 01/20/2021

Lift Station 23 Pump Sole Source Purchase

Submitted For: Mike McKinley, Public Works

Submitted By: Mike McKinley, Public Works

Department: Public Works

Information

ACTION REQUEST (Brief Summary)

Approve the purchase of Lift Station 23 replacement pumps.

BACKGROUND

Lift Station 23 failed in October 2020 and is currently being bypassed. ARRK Engineers has been contracted engineer and oversee the repairs. This project will be going out for bid soon, but the pumps and controls are sold by K-2 Services and they are a soles source provider. The pumps and controls also have a several month lead time and need to be purchased as soon as possible. The purchase amount for this equipment is \$91,674.00.

ARRK Engineers letter of recommendation and K2 Services quote, sole source, and pump specifications are attached for your review.

ANALYSIS

It is the recommendation of the Public Works Department to move forward with this purchase in order to expedite this project.

ALTERNATIVES CONSIDERED

Fiscal Impact

Attachments

Exhibit A
Resolution



January 7, 2021

Mr. Corbin Ballast
Director of Utilities
City of Texas City
911 Highway 146 North
Texas City, Texas 77590

Re: **Pre-purchase of three wastewater pumps and associated control panel for the City's Wastewater Lift Station No. 23**

Dear Mr. Ballast:

We have reviewed the quote and literature provided by K2 Services to supply and deliver three (3) Wylo submersible wastewater pumps and one (1) associated electrical control panel for the Lift Station 23 Rehabilitation project. As you are aware, the rehabilitation of Lift Station 23 is a current-year City Capital Improvement Project scheduled to be advertised and bid in 2021. This lift station recently experienced a total pump failure, necessitating the need for the City to rent temporary mobile pumps to maintain wastewater service for the surrounding area. In order to expedite the construction of the project, the City desires to pre-purchase the wastewater pumps and controls, thereby avoiding the long lead-time required by the low bid contractor to order and purchase the pumps following the contract award in the future. We estimate that the City can expedite the project by 2-3 months by pre-purchasing the pumps and controls.

The City has standardized its wastewater pumps over the past 10 year period to the Wylo brand. The City has also standardized its wastewater lift station control panels to the Primex brand. Both of these brands are represented locally by K2 Services, LLC of Sugar Land, Texas. K2 Services is the only dealer authorized by Wylo and Primex to sell these specific projects to the geographical area in which the City of Texas City is located (as is common practice in the industry). This is evidenced by the attached "Sole Source Representation letters" attached to this letter.

ARKK Engineers has performed an engineering analysis to determine the best fit submersible pump for the Lift Station 23 triplex pump installation. We believe that this pump selection is the overall best fit for the intended use of the pumps offered by Wilo, and recommend that the City move forward with the purchase of the three pumps and controls (and related accessories) as reflected on the attached quote in the total amount of **\$91,674.00**.

Sincerely,
ARKK ENGINEERS, LLC

A handwritten signature in blue ink, appearing to read 'D. Kasper', is written over the typed name.

David W. Kasper, P.E.
Senior Project Manager / Principal



Quote

Date	12/16/2020
SO Num...	8528
Rev.	

K2 Services, llc / 24200 SW Freeway, Suite 402-357, Rosenberg Texas 77471 / PH: (832) 382-3434 / E-Mail: sales@k2svc.com

Bill To
City of Texas City P.O. Box 2608 Texas City 77592-2608

Ship To
WWTP

Rep	Est. No.	Quotes are valid for	Terms	F.O.B.
K2	6520	30 Days	Net 30	K2

Qty	P/N	Description	Price Each	Total
3	FA15.97Z FKT27.1-6/2...	Lift Station No.23 Pumps & Controls FA15.97Z FKT27.1-6/22KEx 32.5HP Wilo Submersible Sewage Pump, Oil Filled Motor with High Efficiency Heat Exchanger, Two Vane Impeller, 6" ANSI/DIN Discharge, Dual Voltage 230/460~3Phase, Weight(LBS)1334 40 Foot Power and Control Cables Suction Not Drilled - Wet Pit Installation Impeller Dia 13.31 Inch Prewired 460V / 3Ph	21,613.41	64,840.23
3	Cable Add. 2	Wilo Accessories, Cable Adder to 15M T20.1; HC20.1; FK202; FKT27.1	1,015.56	3,046.68
3	6069681 6" HD	Article No. 6069681; Wilo Accessories, DN150S/2RK (6in) < 3000kg/6600lb Maximum load, Weight(LBS) 258	2,383.29	7,149.87
1	TSP, Custom	Primex K2 Standard Control Panel, Triplex PC6000 Triplex, pump down on demand, via transducer controlled level with a 2 float backup. Triplex Municipal Wastewater Pumping Control Panel for operation on 460V 3Ø incoming power. To control 3) Wilo - 32.2 HP, 36.9 F.L.A. Submersible Pumps. To Include: NEMA Type 4X - 304 White Stainless Steel Enclosure, 3-PT Latch with Back Panel Aluminum Dead-front Inner Door Circuit Breaker Cutouts with Mounting Bracket Drip Shield Enclosure Outer Door Stop 1 - Interior Enclosure Light Hoffman 24VDC LED 1 - Incoming Power Terminal Block 1 - 2 kVA Control Power Transformer with Primary Fuses 1 - 15 Amp GFI Receptacle w/Breaker - Inner Door Mount 2 - 1 Amp 3 Pole Multi9 Circuit Breakers (Phase Monitors)	16,637.22	16,637.22

By signing below, you accept the terms as laid out in the above quote.

Pumps - Motors - Controls

Sales Tax (0.0%)

Total



Quote

Date	12/16/2020
SO Num...	8528
Rev.	

K2 Services, llc / 24200 SW Freeway, Suite 402-357, Rosenberg Texas 77471 / PH: (832) 382-3434 / E-Mail: sales@k2svc.com

Bill To
City of Texas City P.O. Box 2608 Texas City 77592-2608

Ship To
WWTP

Rep	Est. No.	Quotes are valid for	Terms	F.O.B.
K2	6520	30 Days	Net 30	K2

Qty	P/N	Description	Price Each	Total
		1 - 10 Amp 2 Pole Multi9 Circuit Breaker (Transformer Primary) 1 - 20 Amp 1 Pole Multi9 Circuit Breaker (Transformer Secondary) 3 - 15 Amp 1 Pole Multi9 Circuit Breaker (PS-UPS/ Spares) 1 - 10 Amp 1 Pole Multi9 Circuit Breaker (Control) 1 - 5 Amp 1 Pole Multi9 Circuit Breaker (24VDC Control) 1 - PC-6000 Pump Controller 3 - Circuit Breakers (HDL) / 30 hp NEMA Motor Starters with NEMA Solid State Overloads 2 - On-Delay Timer Float Backup 3 - 22mm Hand Off Auto Switches 1 - 22mm Phase Monitor PM1 - PM2 Switch 3 - 22mm Run Pilot Lights 4 - Elapsed Time Meters 1 - 22mm Backup Active Pilot Light, and Manual Reset Pushbutton 2 - 22mm Phase Monitor Pilot Lights 1 - LED Alarm Light (Ship Loose) 1 - Alarm Light Conduit and LB Box (Ship Loose) 1 - Horn Audible Alarm 1 - 22mm Silence Pushbutton 1 - UPS DRC-100B and Batteries 3 - Current Switches 1 - Ethernet Switch 2 - Ethernet Cables Engraved Nameplates UL Label 508 Self Laminating Wire Numbers Control Relays as required Terminal Blocks and Ground Lugs as Required		

By signing below, you accept the terms as laid out in the above quote.

Pumps - Motors - Controls

Sales Tax (0.0%)

Total



Quote

Date	12/16/2020
SO Num...	8528
Rev.	

K2 Services, llc / 24200 SW Freeway, Suite 402-357, Rosenberg Texas 77471 / PH: (832) 382-3434 / E-Mail: sales@k2svc.com

Bill To
City of Texas City P.O. Box 2608 Texas City 77592-2608

Ship To
WWTP

Rep	Est. No.	Quotes are valid for	Terms	F.O.B.
K2	6520	30 Days	Net 30	K2

Qty	P/N	Description	Price Each	Total
	Terms	Submittals: 2-3 Weeks, ARO Delivery: 14-16 Weeks, ARAS (after receipt of approved submittals) Carrier: K2 Services, llc Start Up: Included Freight: Allowed, FOB K2 Services Warranty: 5 Year Factory Payment Terms: Net 30 Days with approved credit Quote is valid for: 30 Days Exceptions: Installation, Guide Rails, Hatches, Lifting Apparatus, cable Hangers, Junction Boxes, Transducer, Floats, Cellular Radio and Antenna	0.00	0.00

By signing below, you accept the terms as laid out in the above quote.

Pumps - Motors - Controls

Sales Tax (0.0%) \$0.00

Thank you for the opportunity to quote this order.

Total

\$91,674.00

December 17, 2020

City of Texas City
928 5th Avenue North
Texas City, TX 77590

Attention: Calvin Bremer

Subject: WILO – USA Water Management Sales.

Dear Mr. Bremer,

This letter confirms that K2 Services LLC is the sole and exclusive contracted sales representative for WILO-USA, LLC water & wastewater pump and mixer sales for your served area.

WILO-USA, LLC, a subsidiary of WILO SE, is the sole provider in the United States of pump and mixers manufactured under the Wilo brand. Please note that all Wilo Warranties and Operations and Maintenance Manuals require the use of genuine Wilo components in order for the warranties to be valid and ensure proper operation.

Should you have any questions, please contact me via email tom.webb@wilo.com or call office: (262) 204-6661 Cell:(818) 307-6126.

Regards,

Tom M. Webb
Western Regional Manager
Water Management

M: +1 818-307-6126
T: +1 262-204-6661
F: +1 847-825-9456
tom.webb@wilo-usa.com



September 9, 2020

To Whom it May Concern

Subject: Exclusive Authorized Sales Representative

This letter will serve to confirm that K2 Services, LLC. is an exclusive authorized factory sales and service representative of PRIMEX equipment and factory services. The following describes the products and geographic territory of this authorization:

Territory covered:

1. Greater Houston Metro region: counties including and east of Shelby, Nacogdoches, Angelina, Houston, Madison, Grimes, Washington, Colorado, Wharton, Jackson, Victoria, and Calhoun.

Products Covered: All PRIMEX branded products.

If you have any questions regarding this letter or require further information, please contact me.

We look forward to working with you to meet your automation needs.

Sincerely,



Michael A Schmidt

Territory Manager – South Central region



Customer :
Reference :

Item number	: 001	Size	: EMU FA15.97Z with Motor
Service	:		FKT27.1-6/22KEx
Quantity	: 1	Stages	: 1
Quote number	: 1271486	Based on curve number	: FA15.97Z 1140
		Article Number	:
		Date last saved	: 10 Nov 2020 11:34 AM

Operating Conditions

Flow, rated	: 2,000.0 USgpm
Head, rated (requested)	: 65.00 ft
Head, rated (actual)	: 65.32 ft
Suction pressure, rated / max	: 0.00 / 0.00 psi.g
NPSH available	: Ample
Site Supply Frequency	: 60 Hz

Performance

Speed criteria	: Synchronous
Speed	: 1180 rpm
Impeller dia.	: 13.31 in
Impeller diameter, maximum	: 13.98 in
Impeller diameter, minimum	: 10.63 in
Efficiency	: 74.40 %
NPSH required / margin required	: 5.13 / 0.00 ft
Ns (imp. eye flow) / Nss (imp. eye flow)	: 1,976 / 9,095 US Units
MCSF	: 328.1 USgpm
Head max.	: 85.05 ft
Head rise to shutoff	: 30.22 %
Flow, best eff. point	: 1,365.8 USgpm
Flow ratio, rated / BEP	: 73.21 %
Diameter ratio (rated / max)	: 95.19 %
Head ratio (rated dia / max dia)	: 85.16 %
Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00
Selection status	: Acceptable

Liquid

Liquid type	: Water
Additional liquid description	:
Solids Diameter, required / pump max	: 0.00 in / 3.10 in
Solids concentration, by volume	: 0.00 %
Temperature	: 68.00 deg F
Fluid density	: 1.000 / 1.000 SG
Viscosity	: 1.00 cP
Vapor pressure, rated	: 0.34 psi.a

Material

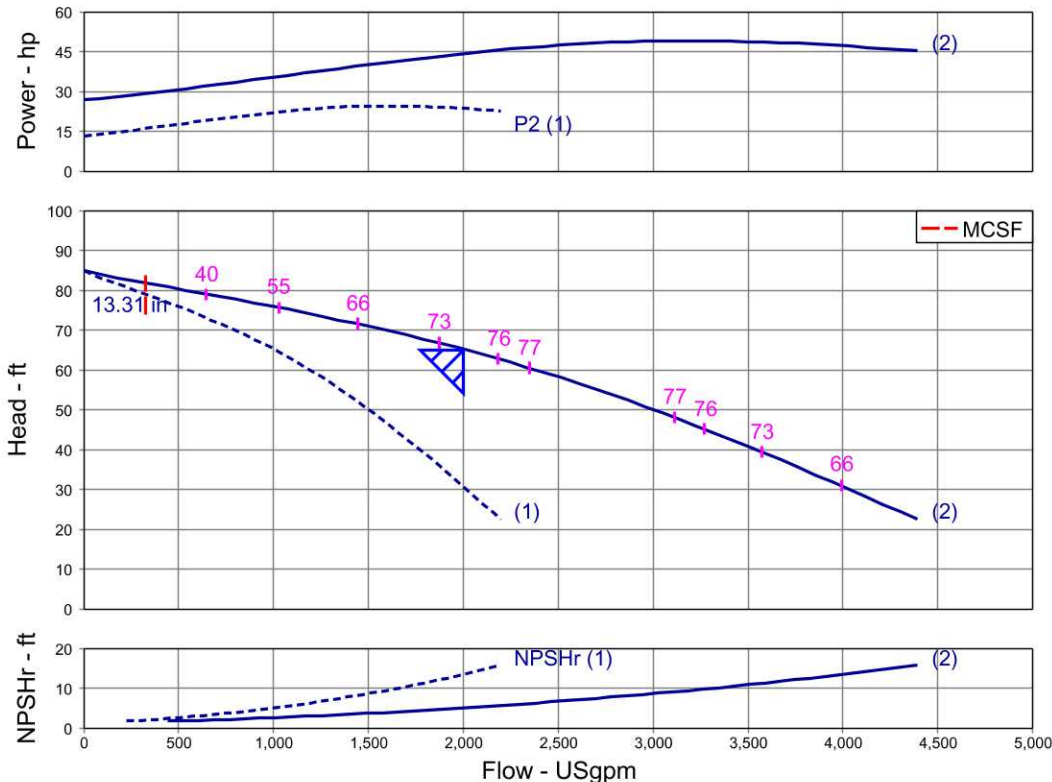
Material selected	: Standard
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Pressure Data

Maximum working pressure	: 36.81 psi.g
Maximum allowable working pressure	: N/A
Maximum allowable suction pressure	: N/A
Hydrostatic test pressure	: N/A

Driver & Power Data (@Max density)

Driver sizing specification	: Rated power
Margin over specification	: 0.00 %
Service factor	: 1.00
Power, hydraulic	: 2 x 16.49 hp
Power, rated	: 2 x 22.16 hp
Power, maximum	: 2 x 24.56 hp
Motor rating	: 2 x 32.20 hp / 24.01 kW

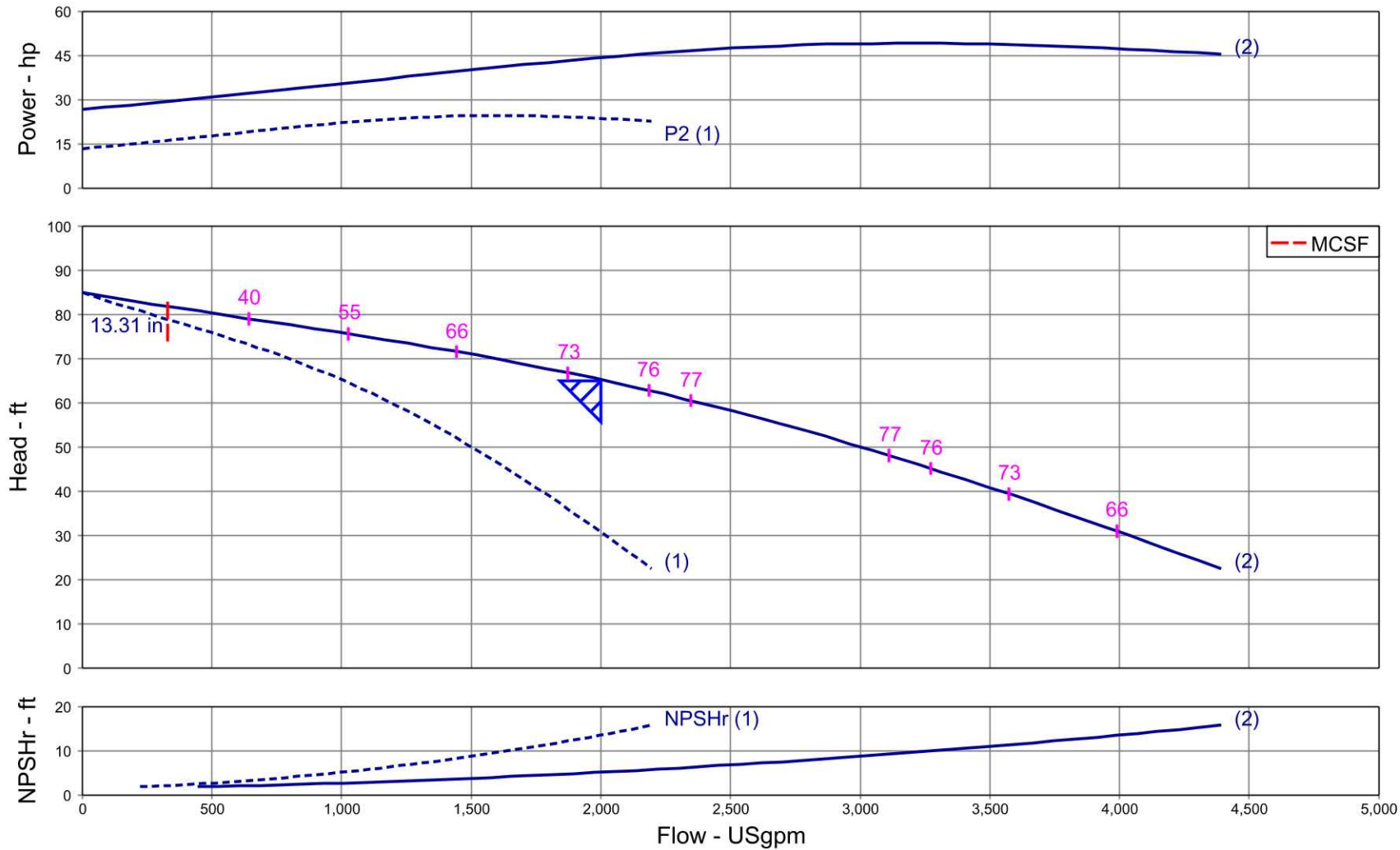




Customer :
Reference :

Pump Performance Curve

Wilo Quotation System 20.4.1



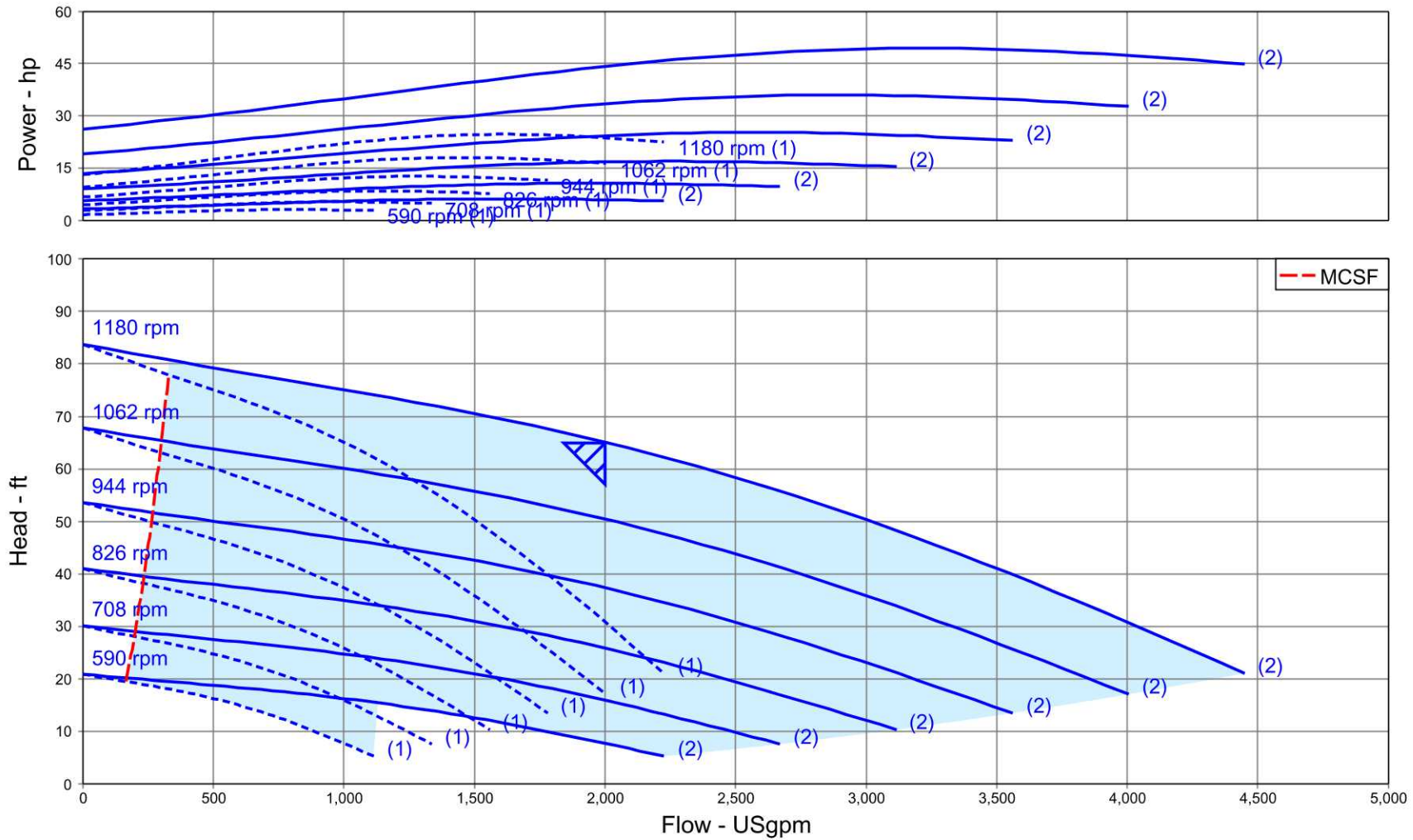
Item number	: 001	Size	: EMU FA15.97Z with Motor	Flow, rated	: 2,000.0 USgpm
Service	:		: FKT27.1-6/22KEx	Head, rated	: 65.00 ft
Quantity	: 1	Stages	: 1	NPSH required	: 5.13 ft
Quote number	: 1271486	Speed	: 1180 rpm	Fluid density	: 1.000 / 1.000 SG
Date last saved	: 10 Nov 2020 11:34 AM	Based on curve number	: FA15.97Z 1140	Viscosity	: 1.00 cP
		Efficiency	: 74.40 %	Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00
		Power, rated	: 2 x 22.16 hp		



Customer :
Reference :

Multi-Speed Performance Curve

Wilco Quotation System 20.4.1



Item number	: 001	Size	: EMU FA15.97Z with Motor	Flow, rated	: 2,000.0 USgpm
Service	:		FKT27.1-6/22KEx	Head, rated	: 65.00 ft
Quantity	: 1	Stages	: 1	Speed	: 1180 rpm
Quote number	: 1271486	Efficiency	: 74.40 %	Impeller dia.	: 13.31 in
Based on curve number	: FA15.97Z 1140	Power, rated	: 2 x 22.16 hp	Fluid density	: 1.000 / 1.000 SG
Date last saved	: 10 Nov 2020 11:34 AM	NPSH required	: 5.13 ft	Viscosity	: 1.00 cP
		Site Supply Frequency	: 60 Hz	Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00
		Nominal speed	: 1164 rpm		



Customer :
Reference :

Life Cycle Cost Datasheet

Wilco Quotation System 20.4.1

Item number	: 001	Quantity	: 1	Size	: EMU FA15.97Z with Motor FKT27.1-6/22KEx
Service	:	Quote number	: 1271486	Stages	: 1
		Date last saved	: 10 Nov 2020 11:34 AM	Speed	: 1180 rpm

Load Profiles and Energy Costs

	Load Profile #1	Load Profile #2	Load Profile #3	Load Profile #4	Load Profile #5	Total
Expected pump life: 20 years						
Flow: (USgpm)	103.2	-	-	-	-	-
Operation: (hours per year)	8,760	-	-	-	-	8,760
Energy cost, present value (\$ per kWh)	0.1	-	-	-	-	-
Speed (rpm)	1190	-	-	-	-	-
Head (ft)	83.92	-	-	-	-	-
Efficiency (%)	7.94	-	-	-	-	-
Power, rated (hp)	13.76	-	-	-	-	-
Motor efficiency (%)	100.00	-	-	-	-	-
Drive/gear efficiency (%)	100.00	-	-	-	-	-
System curve		-	-	-	-	-
Energy, total (kWh)	1,797,150.8	-	-	-	-	1,797,150.8
Energy cost, per year	\$ 8,985.75	-	-	-	-	\$ 8,985.75
Energy cost, total present value	\$ 134,771.74	-	-	-	-	\$ 134,771.74

Life Cycle Cost Calculation

Additional Annual Costs		Additional One-time Costs, Year 0		Interest and Inflation Rates	
Routine maintenance cost	: 0.00	Initial investment cost	: 0.00	Interest rate, %	: 6.00
Repair cost	: 0.00	Installation and commissioning cost	: 0.00	Inflation rate, %	: 3.00
Operating cost	: 0.00	Other one-time costs, year 0	: 0.00	Total Net Present Value Costs	
Downtime cost	: 0.00	Additional One-time Costs, Year 20		Total energy cost	: \$ 134,771.74
Environmental cost	: 0.00	Decommissioning cost	: 0.00	Total additional annual cost	: \$ 0.00
Other annual costs	: 0.00	Other one-time costs, year 20	: 0.00	Total additional one-time cost	: \$ 0.00
Total, present value	: \$ 0.00	Total, present value	: \$ 0.00	Total life cycle cost	: \$ 134,771.74



Customer :
Reference :

Pump Performance - Additional Data

Wilo Quotation System 20.4.1

Item number	: 001	Size	: EMU FA15.97Z with Motor
Service	:		FKT27.1-6/22KEx
Quantity	: 1	Stages	: 1
Quote number	: 1271486	Speed	: 1180 rpm
		Article Number	:
		Date last saved	: 10 Nov 2020 11:34 AM

Performance Data

Head, maximum diameter, rated flow	: 76.70 ft
Head, minimum diameter, rated flow	: 32.60 ft
Head max.	: 85.05 ft
Efficiency adjustment factor, total	: 1.00
Power adjustment, total	: 0.00 hp
Head adjustment factor, total	: 1.00
Flow adjustment factor, total	: 1.00
NPSHR adjustment factor, total	: 1.00
NPSH margin dictated by pump supplier	: 0.00 ft
NPSH margin dictated by user	: 0.00 ft
NPSH margin used (added to 'required' values)	: 0.00 ft

Mechanical Limits

Torque, rated power, rated speed	: 1.88 hp/100 rpm
Torque, maximum power, rated speed	: 2.08 hp/100 rpm
Torque, driver power, full load speed	: 2.77 hp/100 rpm
Torque, driver power, rated speed	: 2.73 hp/100 rpm
Torque, pump shaft limit	: -
Radial load, worst case	: -
Radial load limit	: -
Impeller peripheral speed, rated	: -
Impeller peripheral speed limit	: -

Stage, Speed and Solids Limits

Stages, maximum	: 1
Stages, minimum	: 1
Pump speed limit, maximum	: 1800 rpm
Pump speed limit, minimum	: 900 rpm
Curve speed limit, maximum	: 1200 rpm
Curve speed limit, minimum	: 900 rpm
Variable speed limit, minimum	: 285 rpm
Solids size limit	: 3.10 in

Typical Driver Data

Driver speed, full load	: 1164 rpm
Driver speed, rated load	: 1181 rpm
Driver efficiency, 100% load	: 85.71 %
Driver efficiency, 75% load	: 85.44 %
Driver efficiency, 50% load	: 82.63 %

Various Performance Data

	Flow (USgpm)	Head (ft)	Efficiency (%)	NPSHr (ft)	Power (hp)
Shutoff, rated diameter	0.00	85.05	-	-	13.39
Shutoff, maximum diameter	0.00	98.86	-	-	16.71
MCSF	328.1	78.95	40.61	2.08	16.11
Rated flow, minimum diameter	2,000.0	32.60	69.27	-	11.88
Rated flow, maximum diameter	2,000.0	76.70	73.72	-	26.27
BEP flow, rated diameter	1,365.8	54.68	77.96	7.64	24.19
120% rated flow, rated diameter	1,200.0	59.80	77.25	6.43	23.45
End of curve, rated diameter	2,195.6	22.53	55.08	15.80	22.67
End of curve, minimum diameter	1,670.4	14.13	54.43	10.32	10.95
End of curve, maximum diameter	2,425.0	25.44	49.52	18.54	31.45
Maximum value, rated diameter	-	85.05	77.96	-	24.56
Maximum value, maximum diameter	-	-	78.94	-	32.64

System differential pressure

	@ Density, rated	@ Density, max
Differential pressure, rated flow, rated diameter (psi)	28.27	28.27
Differential pressure, shutoff, rated diameter (psi)	36.81	36.81
Differential pressure, shutoff, maximum diameter (psi)	42.79	42.79

Discharge pressure

	@ Suction pressure, rated	@ Suction pressure, max	@ Suction pressure, rated	@ Suction pressure, max
Discharge pressure, rated flow, rated diameter (psi.g)	28.27	28.27	28.27	28.27
Discharge pressure, shutoff, rated diameter (psi.g)	36.81	36.81	36.81	36.81
Discharge pressure, shutoff, maximum diameter (psi.g)	42.79	42.79	42.79	42.79

Ratios

Maximum flow / rated flow, rated diameter	: 219.56 %	Head rated diameter / head minimum diameter, rated flow	: 200.37 %
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Construction

Installation Type	: Wet Pit	Motor Type	: Closed Loop Cooled Motor - FKT
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Customer Price Sheet

Customer		Size / Stages	EMU FA15.97Z with Motor FKT27.1-6/22KEx / 1
Item number	001	Pump speed	1180 rpm
Customer reference		Quote number	1271486

Totals

Grand Total	RFQ	Lead Time Total	N/A
Pump Total	RFQ		

Pump

Qty	Description	Average Unit Price	Extended Price
1	<p><i>EMU FA15.97Z with Motor FKT27.1-6/22KEx</i></p> <p>Configurator</p> <p>Volute Options</p> <p>Material Combination: 89</p> <p>Trim: 13.31 in</p> <p>Motor</p> <p>Voltage: 3/60/230V</p> <p>Motor: FKT27.1-6/22KEx</p> <p>Explosion Proof: Explosion Proof</p> <p>Cable Length: 12m</p> <p>Power Cable: 4x25</p> <p>Control Cable: 7x1.5</p> <p>Moisture Cable and Probe: 1x1.5</p> <p>Installation Type</p> <p>Installation Type: Wet-Pit</p> <p>Guide Rails: None</p> <p>Intermediate Brackets (for wet wells >20' deep): None</p> <p>Lifting Device: None</p>	<i>RFQ</i>	<i>RFQ</i>

Customer Price Sheet Details

Customer	Size / Stages	EMU FA15.97Z with Motor FKT27.1-6/22KEx / 1
Item number 001	Pump speed	1180 rpm
Customer reference	Quote number	1271486

Totals

Grand Total	RFQ	Lead Time Total	N/A
Pump Total	RFQ		

Pump

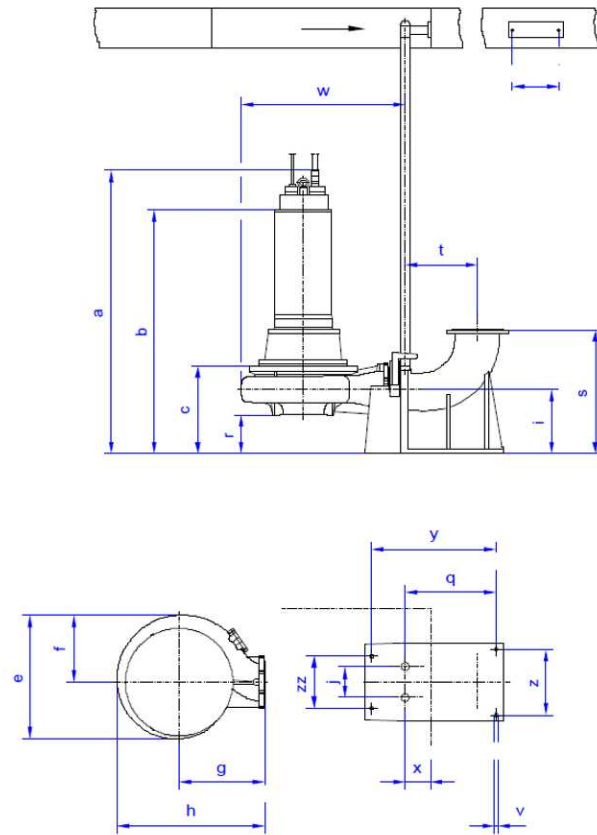
Qty	Part Number	Description	Unit Price	Extended Price
1		<i>EMU FA15.97Z with Motor FKT27.1-6/22KEx</i>	<i>RFQ</i>	<i>RFQ</i>
		Configurator		
		Volute Options		
		Material Combination: 89		
		Trim: 13.31 in	RFQ	RFQ
		Motor		
		Voltage: 3/60/230V		
		Motor: FKT27.1-6/22KEx	RFQ	RFQ
		Explosion Proof: Explosion Proof		
		Cable Length: 12m		
		Power Cable: 4x25	RFQ	RFQ
		Control Cable: 7x1.5	RFQ	RFQ
		Moisture Cable and Probe: 1x1.5	RFQ	RFQ
		Installation Type		
		Installation Type: Wet-Pit		
		Guide Rails: None		
		Intermediate Brackets (for wet wells >20' deep): None		
		Lifting Device: None		
Pump Total				RFQ

Construction Datasheet

**EMU FA15.97Z with
Motor FKT27.1-6/22KEx**

Customer	:		Quote Number	:	1271486
Customer Reference	:		Pump Size	:	EMU FA15.97Z with Motor FKT27.1-6/22KEx
Item Number	:	001	Stages	:	1
Service	:		Speed	:	1180 rpm
Quantity of Pumps	:	1	Date Last Saved	:	10 Nov 2020 11:34 AM
Duty Point Data			Weights		
Flow	:	1,000.0 USgpm	Weight of Pump End	:	518.1 lb
Head	:	65.00 ft	Weight of Motor	:	815.7 lb
Shaft Power	:	22.16 hp	Weight of Unit	:	1,333.8 lb
Pump Efficiency	:	74.40 %	Driver Information		
Fluid	:	Water	Motor Name	:	FKT27.1-6/22KEx
Speed	:	1180 rpm	Motor Voltage	:	3/60/230V
Construction			Rated Power	:	32.20 hp
Installation Type	:	Wet Pit	Rated Speed	:	1164 rpm
Free Passage	:	3.10 in	Power Input with Rated Power (P1)	:	37.68 hp
Suction Port	Pressure Rating	PN10	Current Input with Rated Power (FLA)	:	92.00 A
	Rated Diameter	Size 6	Efficiency with Rated Power	:	85.50 %
	Standard	EN1092-2-S	Cos Phi with Rated Power	:	0.77
Discharge Port	Pressure Rating	PN10	Cos Phi with Starting Power	:	0
	Rated Diameter	Size 6	Starting Current, Direct Starting (LRA)	:	420.00 A
	Standard	EN1092-2-D	Starting Current, Star-Delta	:	140.00 A
Materials			Starting Torque	:	6.32 hp/100 rpm
Material Combination Code	:	89	Inertia Moment	:	3.94 lb.ft2
Pump Housing	:	Grey Cast Iron, ASTM A48 Class 35/40B	Max. Fluid Temperature	:	104.0 deg F
Impeller	:	Grey Cast Iron, ASTM A48 Class 35/40B	Starts per Hour, Max.	:	15
Stationary Wear Ring	:	ANSI 304 CF8 / ASTM A351 Gr.CF8	Degree of Protection	:	IP 68
Mobile Wear Ring	:	ANSI 329 (2205) / ANSI 329	Selected Explosion Protection	:	FM
Suction Port	:	-		:	

General Arrangement Drawing



Dimensions	
Well Type	Wet Pit
a	52.83
b	16.18
c	16.18
d	4.33
e	24.65
f	13.31
g	17.72
h	29.96
i	12.60
j	1.97
k	3.74
l	-
m	-
mm	-
n	-
o	-
p	-
q	5.87
r	4.72
s	18.31
t	8.66
v	0.75
w	33.43
x	3.54
y	8.27
z	9.45
zz	-

Dimensions		
Suction Port	Rated Diameter	Size 6
	Pressure Rating	PN10
Discharge Port	Rated Diameter	Size 6
	Pressure Rating	PN10
Certification Content		
Customer		
Customer P.O.		
Location		
Service		
Pump Size/Motor	EMU FA15.97Z with Motor FKT27.1-6/22KEx	
Article Number		
Item Number	001	
DRWN		
CHKD		
APVD		
EMU FA15.97Z with Motor FKT27.1-6/22KEx		REV

Special Note
 1. All weights and dimensions are approximate and should not be used as exact rough-in dimensions

WILO USA LLC
 Tel: (888) 945-6872
 Web: www.wilo-usa.com

RESOLUTION NO. 21-006

A RESOLUTION APPROVING THE PURCHASE OF REPLACEMENT PUMPS FOR LIFT STATION 23; AND PROVIDING THAT THIS RESOLUTION SHALL BECOME EFFECTIVE FROM AND AFTER ITS PASSAGE AND ADOPTION.

WHEREAS, the Texas City Public Works Department is requesting approval to purchase replacement pumps for Lift Station 23; and

WHEREAS, the pumps and controls are sold by K-2 Services whom are the sole source provider of the parts; and

WHEREAS, fund are available in the City's 2020-2021 fiscal year budget.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF TEXAS CITY, TEXAS:

SECTION 1: That the City Commission of the City of Texas City, Texas, hereby approves the purchase a replacement pumps for Lift Station 23 from K-2 Services, as set out on the quote attached hereto as **Exhibit "A"** and made a part hereof for all intents and purposes.

SECTION 2: That this Resolution shall be in full force and effect from and after its passage and adoption.

PASSED AND ADOPTED this 20th day of January 2021.

Matthew T. Doyle, Mayor
City of Texas City, Texas

ATTEST:

APPROVED AS TO FORM:

Rhomari D. Leigh
City Secretary

Kyle L. Dickson
City Attorney

CITY COMMISSION REGULAR MTG

(8) (a)

Meeting Date: 01/20/2021

Amend fiscal year 2020/2021 budget

Submitted For: Laura Boyd, Finance

Submitted By: Laura Boyd, Finance

Department: Finance

Information

ACTION REQUEST (Brief Summary)

Consider and take action on Ordinance No. 21-01, amending the fiscal year 2020/2021 budget by changing the part-time Deputy City Marshal position to full-time and provide funding for the related salary and benefits. (Finance)

BACKGROUND

City Commission created the part-time Deputy City Marshal position by Ordinance No. 20-48 at their November 4, 2020 meeting.

The pay for the Deputy City Marshal position will be \$25.00 per hour and 40 hours of work per week plus benefits.

This position will be part of the Municipal Court Department, with funding from the General Fund's unassigned fund balance.

The rationale for changing the position from part-time to full-time:

The change was recommended by the committee that is working on the policies and procedures for code enforcement due to the fact that PD is no longer going to work code enforcement cases. The employee will work directly under Municipal Court Administrator and will office in the marshals offices. Once this employee is trained they will also be providing courtroom security.

ANALYSIS

Budget Amendment for the added expenses for the remainder of the fiscal year:

General Fund (Fund 101) Municipal Court (Dept 205):

Salaries and benefits	\$45,000.00
Unassigned fund balance	(\$45,000.00)

ALTERNATIVES CONSIDERED

Fiscal Impact

Attachments

Ordinance

ORDINANCE NO. 21-01

AN ORDINANCE AMENDING ORDINANCE NO. 20-35 ADOPTING THE 2020-2021 FISCAL YEAR BUDGET TO APPROPRIATE THE FUNDING RELATED TO SALARY AND BENEFITS FOR CHANGING THE SEPUTY CITY MARSHAL POSITION FROM PART-TIME TO FULL-TIME; DIRECTING THE CHIEF EXECUTIVE OFFICER TO FILE OR CAUSE TO BE FILED A COPY OF THE AMENDED BUDGET IN THE OFFICE OF THE GALVESTON COUNTY CLERK; DISPENSING WITH THE REQUIREMENT FOR READING THIS ORDINANCE ON THREE (3) SEPARATE DAYS; AND PROVIDING THAT THIS ORDINANCE SHALL BECOME EFFECTIVE FROM AND AFTER ITS PASSAGE AND ADOPTION.

WHEREAS, by Ordinance No. 20-35 the City Commission of the City of Texas City, Texas, adopted its budget for Fiscal Year 2020-2021; and

WHEREAS, a budget amendment is needed to appropriate the funding for salary and benefits related to changing the Deputy City Marshal position from part-time to full-time.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF TEXAS CITY, TEXAS:

SECTION 1: That the facts and matters set forth in the preamble of this Ordinance are hereby found to be true and correct.

SECTION 2: That the budget for Fiscal Year 2020-2021 of the City of Texas City, Texas, is hereby amended as follows:

General Fund (Fund 101) Municipal Court (Dept 205):

Salaries and Benefits	\$45,000.00
Unassigned fund balance	(\$45,000.00)

SECTION 3: That the chief executive officer shall file or cause to be filed a copy of this budget amendment in the office of the Galveston County Clerk.

SECTION 4: That the Charter requirement for reading this Ordinance on three (3) separate days has been dispensed by a majority vote of all members of the City Commission.

SECTION 5: That this Ordinance shall be finally passed and adopted on the date of its introduction and shall become effective from and after its passage and adoption.

PASSED AND ADOPTED this 20th day of January 2021.

Dedrick D. Johnson, Sr., Mayor
City of Texas City, Texas

ATTEST:

APPROVED AS TO FORM:

Rhomari D. Leigh
City Secretary

Kyle L. Dickson
City Attorney