

Experience Documentation/Manufacturer relationship

The Henry P. Thompson Company was established in 1910 and is the oldest such manufacturers' representative firm still doing business in the water and wastewater equipment industry.

We provide the very best in clean water solutions by utilizing Lowest Total Cost, Least Risk Solutions of engineered equipment, parts, and service for water and wastewater systems in Ohio, Indiana and Kentucky.

The Henry P. Thompson Company has been an ITT Goulds Pump Representative since July 23, 2004 serving Ohio, Kentucky and Indiana states.



HENRY P THOMPSON CO

Client: Columbus, OH Dublin Rd Proposal No: KC21-05-20 02 Item No: 001 (Base Offer) Inquiry No: Lime Slurry Pump Kang S. Choi Sr. Sales Engineer ITT Goulds Pumps Contractor/OEM and Municipal Sales St. Charles, Illinois Office: (630) 797-5149 Email: kang.choi@itt.com

August 30, 2023

MODEL: CW F6E2 SIZE: 10x8x17 QTY: 2

Operating Conditions

SERVICE

Sludge Recirculation Pump

LIQUID

Sludge w/ Lime, Rated Temp. 70.0 deg F, SP.GR 1.000, Viscosity 1.000 cp, Rated/Max. suction pressure 0.0 / 0.0 psi

ď

CAPACITY Rated

1,000.0 gpm

HEAD

48.0 (ft)

Performance at 820 RPM per HI 14.6 2B basis power

PUBLISHED EFFY

67.5% (CDS)

RATED EFFY

67.5%

RATED POWER

17.9 hp (Run out 22.2 hp NOL 22.6 hp)

NPSHR

9.0 ft

DISCH PRESSURE (R)

20.8 psi g (23.5 psi g @ Shut off) based on 0.0 psi g rated

suction pressure

PERF. CURVE

A-7426-2 (Rotation CW viewed from coupling end)

SHUT OFF HEAD

54.3 ft

MIN. FLOW

Continuous Stable: 505.8 gpm Hydraulic: 505.8 gpm

Thermal: N/A

Materials

CONSTRUCTION

HC600

CASING

HC600 (max.casing pressure @ rated temperature 150.0 psi g)

ST.BOX COVER

HC 600

IMPELLER

HC600 - Enclosed (15.0000 in rated, max=17.0000 in, min=13.0000 in)

SHAFT MATERIAL

SAE 1045

SHAFT SLEEVE

Hast C

LUBRICATION

Oil Lube Bearings

GLAND

Cast Iron Split

BEARINGS

22315 (Inboard) / 6317/317 (Outboard)

COUPLING GUARD

Less coupling guard

Sealing Method

PACKING

Chesterton 442HP model 188137 3.250" CB/CR S Viton O-rings

Flanges

125# flat face Liquid End Fea

Liquid End Features
Discharge Position 0° (Vertical Up)



Impeller single plane balanced to ISO 1940 G16

Trimmed impeller

Assembly and Testing

Impeller balance to ISO G16

Non witness hydro test, assembled pump

QA Requirements

Insp, Ship Prep, Boxing - Digital Photo of Assembled Unit

Miscellaneous

(Qty 1 per pump) Chesterton spare seal rebuild kit for 442HP-26 SA CR/CB S EP

Painting

Epoxy primer (4.0 mils) - pump only Epoxy top coat (4.0 mils) - pump only

Sandblast

Pump SSPC-SP6

Driver: Electric motor Manufacturer: Customer's Choice

FURNISHED BY

Customer

MOUNTED BY

Customer

RATING

25.0 hp (18.6 KW)

ENCLOSURE

ODP Premium Efficiency

PHASE/FREQ/VOLTS

/60 Hz/460

SPEED

900 RPM

INSULATION/SF

/1.15

FRAME

326T

Freight Terms

The quoted freight terms are pre-paid and add. The market price for freight will be added to the invoice. Freight carrier invoices are not available and will not be provided if requested. An ITT generated freight invoice can be provided upon request.

Weights

TOTAL NET UNIT WEIGHT **

1,520.0 lb

Comments

Ref: S/N 1-5232-02908-1, -2

Program Version 1.76.0.0

Drawing Revision Limit

Drawings returned with status approved as noted or revise and re-submit will be corrected and resubmitted only once. Thereafter, additional comments or revisions to these drawings will incur a charge of \$250 per drawing.

This proposal reflects the intended scope from the customer specifications supplied at the time of quotation. Additional specifications, requirements and scope presented at time of award or during order execution outside the original bid scope request, is subject to a change order with a potential cost and lead-time impact. ITT reserves the right to present engineering charges for more than two revision cycles on submittal drawings, provided these two revision cycles cover the intent of the specifications. ITT requires customer to provide all drawing comments applicable to the specification within the first submission return.

Our offer does not include specific review and incorporation of any Statutory or Regulatory Requirements and the offer is limited to the requirements of the design specifications. Should any Statutory or Regulatory requirements need to be reviewed and incorporated then the Customer is responsible to identify those and provide copies for review and revision of our offer.



Our quotation is offered in accordance with our comments and exceptions identified in our proposal. The pricing quoted herein will remain valid for 30 business days from the time of quotation. In the event that this validity should expire, please contact your ITT sales representative to confirm pricing validity prior to order placement.

ITT Inc. ('ITT') submits this proposal as the coronavirus (COVID-19) pandemic ('COVID-19') is impacting organizations and its supply chains around the world. ITT is carefully monitoring our supply chain and production facilities as it relates to this proposal but, given the fluid nature of this pandemic, shall not be liable for impacts arising from COVID-19 and accordingly shall be entitled to any adjustments as it relates to time or cost impacts which directly or indirectly resulting out of or arise in connection with COVID-19. Notwithstanding anything contained in this proposal to the contrary, ITT Inc. further reserves the right to modify or amend any statement made within this proposal due to any impacts arising from COVID-19.

Click here to download the pump Bulletin

Model: CW Group: F6E2 60Hz **RPM: 820** Size: 10x8x17 Stages: 1

Job/Ing.No.:

Lime Slurry Pump

Purchaser:

HENRY P THOMPSON CO

End User:

Columbus, OH Dublin Rd

Issued by: Kang Choi Rev.: 0

Item/Equip.No.:

001 (Base Offer)

Quotation No.: KC21-05-20 02

Date: 08/30/2023

Service:

Sludge Recirculation Pump

Order No.:

Certified By:

Operating Conditions

Sludge w/ Lime

Published Efficiency: 67.5 %

Pump Performance Suction Specific Speed: 7,585 gpm(US) ft

Temp.:

70.0 deg F

Rated Pump Efficiency:

67.5 %

Min. Hydraulic Flow:

505.8 gpm

S.G./Visc.:

1.000/1.000 cp

Rated Total Power:

17.9 hp

Min. Thermal Flow:

Flow:

1,000.0 gpm

Non-Overloading Power: 22.6 hp

15.0000 in

N/A

TDH:

Liquid:

48.0 ft

Imp. Dia. First 1 Stg(s): NPSHr:

9.0 ft

Shut off Head:

54.3 ft

NPSHa:

2.5000 in

% Susp. Solids

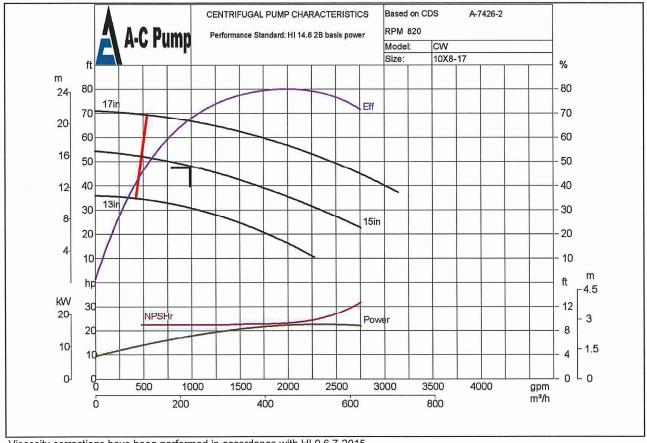
Solid size:

Max. Solids Size:

(by wtg):

Vapor Press:

Notes: 1. Curve shown is at ambient temperature conditions.





HENRY P THOMPSON CO

Client: Columbus, OH Dublin Rd Proposal No: KC21-05-20 02 Item No: 002 (Base Offer)

Inquiry No: Lime Slurry Pump

Kang S. Choi Sr. Sales Engineer ITT Goulds Pumps Contractor/OEM and Municipal Sales St. Charles, Illinois Office: (630) 797-5149 Email: kang.choi@itt.com

August 30, 2023

MODEL: CW F6E2 SIZE: 10x8x17 QTY: 2

Operating Conditions

SERVICE

Basin Drain Pump

LIQUID

Sludge w/ Lime, Rated Temp. 70.0 deg F, SP.GR 1.000,

Viscosity 1.000 cp, Rated/Max. suction pressure 0.0 / 0.0 psi

CAPACITY Rated

2,000.0 gpm

HEAD

29.0 (ft)

Performance at 865 RPM per HI 14.6 2B basis power

PUBLISHED EFFY

77.5% (CDS)

RATED EFFY

77.5%

RATED POWER

19.6 hp (Run out 16.6 hp NOL 19.7 hp)

NPSHR

DISCH PRESSURE (R)

13.1 psi g (21.8 psi g @ Shut off) based on 0.0 psi g rated

suction pressure

PERF. CURVE

A-7426-2 (Rotation CW viewed from coupling end)

SHUT OFF HEAD

MIN. FLOW

Continuous Stable: 472.8 gpm Hydraulic: 472.8 gpm

Thermal: N/A

Materials

CONSTRUCTION

HC600

CASING

HC600 (max.casing pressure @ rated temperature 150.0 psi g)

ST.BOX COVER

IMPELLER

HC600 - Enclosed (14.0000 in rated, max=17.0000 in, min=13.0000 in)

SHAFT MATERIAL

SAE 1045

SHAFT SLEEVE

Hast C

LUBRICATION

Oil Lube Bearings Cast Iron Split

BEARINGS

GLAND

22315 (Inboard) / 6317/317 (Outboard)

COUPLING GUARD

Less coupling guard

Sealing Method

PACKING

Chesterton 442HP model 188137 3.250" CB/CR S Viton O-rings

Flanges

125# flat face

Liquid End Features Discharge Position 0° (Vertical Up)

🍣 ITT

Proposal No: KC21-05-20 02 Item No: 002 (Base Offer)

Impeller single plane balanced to ISO 1940 G16

Trimmed impeller

Assembly and Testing

Impeller balance to ISO G16

Non witness hydro test, assembled pump

QA Requirements

Insp, Ship Prep, Boxing - Digital Photo of Assembled Unit

Miscellaneous

(Qty 1 per pump) Chesterton spare seal rebuild kit for 442HP-26 SA CR/CB S EP

Painting

Epoxy primer (4.0 mils) - pump only Epoxy top coat (4.0 mils) - pump only

Sandblast

Pump SSPC-SP6

Driver: Electric motor Manufacturer: Customer's Choice

FURNISHED BY

Customer

MOUNTED BY

Customer

RATING

20.0 hp (14.9 KW)

ENCLOSURE

ODP Premium Efficiency

PHASE/FREQ/VOLTS

/60 Hz/460

SPEED

900 RPM

INSULATION/SF

/1.15

FRAME

324T

Freight Terms

The quoted freight terms are pre-paid and add. The market price for freight will be added to the invoice. Freight carrier invoices are not available and will not be provided if requested. An ITT generated freight invoice can be provided upon request.

Weights

TOTAL NET UNIT WEIGHT **

1,520.0 lb

Comments

Ref: S/N 1-5232-02908-3, -4

Program Version 1.76.0.0

Drawing Revision Limit

Drawings returned with status approved as noted or revise and re-submit will be corrected and resubmitted only once. Thereafter, additional comments or revisions to these drawings will incur a charge of \$250 per drawing.

This proposal reflects the intended scope from the customer specifications supplied at the time of quotation. Additional specifications, requirements and scope presented at time of award or during order execution outside the original bid scope request, is subject to a change order with a potential cost and lead-time impact. ITT reserves the right to present engineering charges for more than two revision cycles on submittal drawings, provided these two revision cycles cover the intent of the specifications. ITT requires customer to provide all drawing comments applicable to the specification within the first submission return.

Our offer does not include specific review and incorporation of any Statutory or Regulatory Requirements and the offer is limited to the requirements of the design specifications. Should any Statutory or Regulatory requirements need to be reviewed and incorporated then the Customer is responsible to identify those and provide copies for review and revision of our offer.

Our quotation is offered in accordance with our comments and exceptions identified in our proposal. The pricing quoted herein will remain valid for 30 business days from the time of quotation. In the event that this validity should expire, please contact your ITT sales representative to confirm pricing validity prior to order placement.

ITT Inc. ('ITT') submits this proposal as the coronavirus (COVID-19) pandemic ('COVID-19') is impacting organizations and its supply chains around the world. ITT is carefully monitoring our supply chain and production facilities as it relates to this proposal but, given the fluid nature of this pandemic, shall not be liable for impacts arising from COVID-19 and accordingly shall be entitled to any adjustments as it relates to time or cost impacts which directly or indirectly resulting out of or arise in connection with COVID-19. Notwithstanding anything contained in this proposal to the contrary, ITT Inc. further reserves the right to modify or amend any statement made within this proposal due to any impacts arising from COVID-19.

Click here to download the pump Bulletin

Model: CW 60Hz **RPM: 865** Stages: 1 Size: 10x8x17 Group: F6E2

Job/Inq.No.: Lime Slurry Pump

Purchaser: HENRY P THOMPSON CO

Kang Choi Columbus, OH Dublin Rd Issued by: Rev.: 0 End User:

Quotation No.: KC21-05-20 02 Date: 08/30/2023 Item/Equip.No.: 002 (Base Offer)

Service: Basin Drain Pump

Certified By: Order No.:

Operating Conditions Pump Performance

Liquid: Sludge w/ Lime Published Efficiency: 77.5 % Suction Specific Speed: 7,585 gpm(US) ft

19.6 hp

N/A

Temp.: 70.0 deg F Rated Pump Efficiency: 77.5 % Min. Hydraulic Flow: 472.8 gpm Min. Thermal Flow:

1.000/1.000 cp 2,000.0 gpm Non-Overloading Power: 19.7 hp Flow:

TDH: 29.0 ft Imp. Dia. First 1 Stg(s): 14.0000 in

NPSHr: Shut off Head: 50.4 ft NPSHa: 9.4 ft

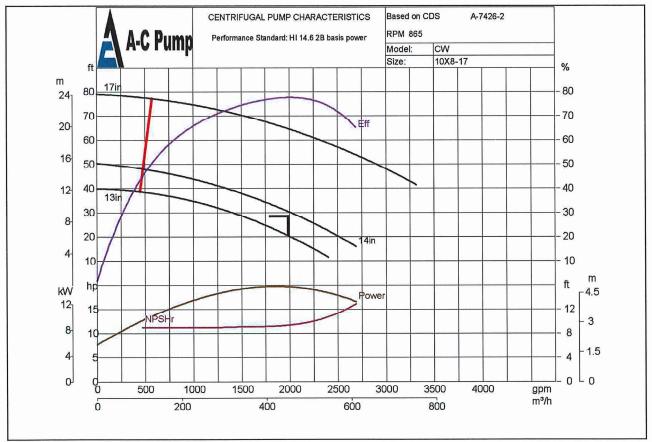
Max. Solids Size: 2.5000 in % Susp. Solids Solid size: (by wtg):

Rated Total Power:

Vapor Press:

S.G./Visc.:

Notes: 1. Curve shown is at ambient temperature conditions.



CANCELLATION SCHEDULE

llation (weeks)	60.01														*
	56.01 to 60														*
	52.01 to 56													100	*
	48.01 to 52												100	95	*
	44.01 to 48			·				-				100	95	06	*
	40.01 to 44										100	95	06	85	*
	36.01 to 40									100	95	06	85	80	*
of Cance	32.01 to 36								100	95	06	80	70	70	*
Elapsed Time - Date of Order to Date of Cancellation (weeks)	28.01 to 32							100	95	85	80	65	09	09	*
	24.01 to 28						100	06	85	70	65	09	55	55	*
	20.01 to 24					100	06	75	09	09	55	55	50	99	*
	16.01 to 20				100	06	70	09	50	50	45	45	40	35	*
Elapsed	12.01 to 16			100	85	70	50	35	25	25	25	25	20	20	*
	8.01 to 12		100	85	65	50	25	20	20	15	15	15	15	15	*
	6.01 to 8	100	80	09	45	25	20	15	15	10	10	10	10	10	*
	4.01 to 6	75	09	45	25	20	15	10	10	10	10	10	10	10	*
	2.01 to 4	50	40	25	15	10	10	10	10	10	10	10	10	10	*
	0 to 2	20	15	10	10	10	10	10	10	10	10	10	10	10	*
Planned Shipment (weeks)		Up to 8	8.01 to	12.01 to 16	16.01 to 20	20.01 to 24	24.01 to 28	28.01 to 32	32.01 to 36	36.01 to 40	40.01 to 44	44.01 to 48	48.01 to 52	52.01 to 56	Above 56

Note: The above cancellation rates apply to manufactured equipment only. Any sub-supplier cancellation charges are not reflected above, and would apply accordingly.

* to Be Assigned



CERTIFICATE OF LIABILITY INSURANCE

3/1/2024

DATE (MM/DD/YYYY) 8/30/2023

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

l II	MPORTANT: If the certificate holder if SUBROGATION IS WAIVED, subject his certificate does not confor rights to	to t	he tei	ms and conditions of th	e polic	y, certain p	olicies may i	IAL INSURED provisions of require an endorsement.	or be ende A stateme	orsed. ent on		
	his certificate does not confer rights to DDUCER LOCKTON COMPANIES	o the	ecert	incate noider in lieu of St	CONTACT							
	500 West Monroe, Suite 3400				NAME: PHONE FAX							
	CHICAGO IL 60661				(A/C, No, Ext): (A/C, No):							
	(312) 669-6900				ADDRESS:							
					INSURER(S) AFFORDING COVERAGE NAIC							
INS	URED THE AT THE CO				INSURER A: Hartford Fire Insurance Company 19							
1	1 ne Henry P. Thompson Compa	ny, L	LC		INSURER B: Federal Insurance Company 2028 INSURER C: Hartford Casualty Insurance Company 29424							
	1046 Techne Center Drive Milford OH 45150-1183						a Casuarty 1	nsurance Company		29424		
	Minioid 011 43130-1183			•	INSURE							
					INSURE							
	VERAGES CER	TIFI	~ A Tr	MUMPED: 1006600	INSURER F:							
	HIS IS TO CERTIFY THAT THE POLICIES			NUMBER: 1986699		N ISSUED TO		REVISION NUMBER:	XXXXX	XX EDIOD		
'n	NDICATED. NOTWITHSTANDING ANY RE	QUIF	REME	NT. TERM OR CONDITION	OF AN	Y CONTRACT	OR OTHER I	OOCUMENT WITH RESPECT	TO WHICH	THIS		
C	ERTIFICATE MAY BE ISSUED OR MAY F	PERT	AIN,	THE INSURANCE AFFORDI	ED BY	THE POLICIE	S DESCRIBED	HEREIN IS SUBJECT TO A	ALL THE T	ERMS,		
			CIES. ISUBR	LIMITS SHOWN MAY HAVE	BEEN REDUCED BY PAID CLAIMS. POLICY EFF POLICY EXP							
INSR LTR			WVD	POLICY NUMBER	(MM/DD/YYYY) (MM/DD/YYYY			LIMITS				
Α	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR	N	И	84 CES OF9030		3/1/2023	3/1/2024	DAMAGE TO DENTED	\$ 1,000,000 \$ 300,000			
									\$ 10,000 \$ 1,000,000			
	GEN'L AGGREGATE LIMIT APPLIES PER:								2,000,00			
	X POLICY PRO- LOC								2,000,00	-		
	OTHER:							\$	2,000,00	0		
B B	AUTOMOBILE LIABILITY	N	N	(23) 7362-65-82 (AOS)		3/1/2023	3/1/2024	COMBINED SINGLE LIMIT (Ea accident) \$	1,000,00	0		
В	X ANY AUTO			(23) 7362-65-82 (AOS) (23) 7362-66-74 (HI)		3/1/2023	3/1/2024	BODILY INJURY (Per person) \$ XXXXXXX				
	OWNED X SCHEDULED AUTOS ONLY X AUTOS											
	HIRED NON-OWNED AUTOS ONLY							PROPERTY DAMAGE	XXXXX			
	AUTOS ONLY AUTOS ONLY								XXXXX			
С	X UMBRELLA LIAB X OCCUR	N	N	84 XS ON2127		3/1/2023	3/1/2024		5,000,00			
	EXCESS LIAB CLAIMS-MADE	• •	1	01710 0112127		5/ 1/2025	3/1/2024		5,000,00	···		
	DED RETENTION \$								XXXXX			
	WORKERS COMPENSATION		N	N (24) 7175 12.26		2/1/2022	0/1/0004	X PER OTH-	ΛΛΛΛΛ			
B AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE			-	(24) 7175-12-36		3/1/2023	3/1/2024		1,000,00	0		
	OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	N/A						E.L. DISEASE - EA EMPLOYEE \$				
If yes, describe under DESCRIPTION OF OPERATIONS below												
<u> </u>	DESCRIPTION OF OPERATIONS BEIOW							E.L. DISEASE - POLICY LIMIT \$	1,000,00	0		
DES	CRIPTION OF OPERATIONS / LOCATIONS / VEHICL	ES (4	CORD	101. Additional Remarks Schedul	le. may be	attached if more	e space is require	ed)				
DEC	ON HON OF OF EIGHTIONS / CENTORS / VEHICL	יו פיזי	COND	101, Additional Remarks Schedul	ie, may bi	attached if more	e space is require	eu)				
ب					***************************************							
CE	CERTIFICATE HOLDER CANCELLATION											
	19866999 Evidence of Insurance				SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.							
					AUTHORIZED REPRESENTATIVE							
			***************************************			© 19	88-2015 AC	ORD CORPORATION. All	riahts re	served.		

City of Columbus, Department of Public Utilities Division of WaterReturn Building Sludge Pump Replacement Detailed Specifications

REFERENCES

The bidder must briefly document its capabilities and submit an outline of its experience and work history in sludge pump replacement and warranty service for the past five years by submitting the contact information of References from four (4) separate equipment sales. References should consist of projects of a similar scope, complexity, and cost.

Business Name:	Bloomington, IN Monroe Treatme	ent Plant	_ Tel #. 812-334	_8900
Address: <u>7470 S.</u>	Shields Ridge Bloomington, IN 4			
E-mail Address:	ellerj@bloomington.in.gov		_ Fax #	-
Contact: Jason E	Eller	_ Equipment purchase	date: <u>3/31/2022</u>	
Equipment Provi	ded/ Warranty Service Perform	ned:		
<u>Customer</u>	purchased a spare Goulds Sti	Pump for a backup to t	heir previously ir	nstalled
ITT Gould	s Pumps. HPT performed start	up and commissioning	of this unit.	711111111111111111111111111111111111111
	No.			
B1000000000000000000000000000000000000				
•				
Business Name:	City of Lancaster, OH		_ Tel #. <u>740-687-</u> 6	650
Address: 225 N. I	Memorial Drive Lancaster, OH 43	130		
E-mail Address: __	ddrumm@ci.lancaster.oh.us		_ Fax #	-
Contact: <u>Darren D</u>	rumm	_ Equipment purchase o	date: <u>4/13/2021</u>	
Equipment Provid	ded/ Warranty Service Perform	ned:		
<u>Customer</u>	purchased a replacement Gou	ulds Sti Pump for replac	ement of their pr	eviously
installed IT	T Goulds Pump. HPT perform	ed startup and commis	sioning of this un	it.

City of Columbus, Department of Public Utilities Division of WaterReturn Building Sludge Pump Replacement Detailed Specifications

Business Name: <u>Georgetown, KY Municipal W</u>	ater & Sewer Tel #. 502-863-9852
Address: 740 Cincinnati Road, Georgetown, K	Y 40324
E-mail Address: schisley@gmwss.com	Fax #
Contact: Samantha Chisley	_ Equipment purchase date: 1/10/2023
Equipment Provided/ Warranty Service Perform	ned:
Customer purchased ITT Goulds Sludge Pu	mp & Jet Liquid Pump. HPT performed start up and
commissioning.	
Business Name: Delta, OH Treatment Plant	Tel #. <u>419-822-3</u> 089
Address: 7697 County Road H, Delta, OH 43515	
E-mail Address: jflores@villageofdelta.org	Fax #
Contact: Jamie Flores	_ Equipment purchase date: 3/14/2022
Equipment Provided/ Warranty Service Perforn	ned:
Customer purchased a replacement Goulds	Mti Pump for replacement of their previously installed
ITT Goulds Pump. HPT performed startup a	and commissioning of this unit.