BID DOCUMENTS

- BID DWTP REHAB WELL 30 PUR 23-005

a Emails -

DECEMBER 15, 2022

CONTACT NAME: <u>Amerine Systems Inc</u> CONTACT NAME: <u>Gariett Amerine</u> ADDRESS: 10866 Cleveland Avenue Oukdale (a 95361 TELEPHONE NUMBER: 1-209-847-5968

EMAIL: gda amerine sys, com S. deweerd + Oamerine sys, com

BID TO BE SUBMITTED

Quantity	Material	Price
1	Well Motor and Pump	\$ 224,650,00
1	Sounding Tubes	\$ 350,00

The bidder v	warrant	ties this equipment for a minim	um period of/	years.	
Complete de	elivery	will be made within <u>/54</u>	calendar days from aw	ard of bid.	
		arding specifications should be sion, at telephone (209) 937i		<u>lonesi</u>	
Amerine FIRM	Sys	tems Inc 10	866 Chercland ADDRESS	Avenue	(a 95361
î	. /	mesine	President TITLE OR AGENC		_
12/15/20 DATE	929	(6	241,847-596 TELEPHONE	8	-
NOTE:	Bidde	ers are to mark their sealed bids to	o clearly indicate the cont	ent as:	
	A)	DWTP Rehab Well 30			
	B)	PUR 23-005			

IF YOU DO NOT WISH TO BID, PLEASE RETURN YOUR BID IMMEDIATELY STATING REASON.

C) December 15, 2022

BIDDER'S AGREEMENT

In submitting this bid, as herein described, the bidder agrees that:

- 1. They have carefully examined the specifications and all other provisions of this form and understand the meaning, intent, and requirements of same.
- 2. They have reviewed and understand all clarifications/questions/answers on the City's website at www.stocktonca.gov/adminbid.
- 3. They will enter into written contract and furnish the item(s)/service(s) in the time specified in strict conformity with the specifications and conditions contained therein for the price quoted by the bidder on this bid.
- 4. The proposed price is inclusive of all freight and handling charges and includes delivery to the City of Stockton, Municipal Service Center, or if specified, to the alternate point of delivery shown in the specifications.
- 5. They have signed and notarized the attached Non-Collusion Affidavit form whether individual, corporate or partnership. Must be "A Jurat" notarization.

Amerine systems Inc	10866 Cleveland Avenue Vakdale (a 95361
FIRM Danew	Apdress President
SIGNED BY	TITLE OR AGENCY
gda@amerine sys.com E-MAIL ADDRESS	

NOTE: Bids are invalid which are unsigned, or not accompanied by \$10% a bidder's bond. If erasures or interlineations appear on your bid form, they must be initialed by the person preparing the bid. Bids shall be mailed or delivered to:

OFFICE OF THE CITY CLERK FIRST FLOOR, CITY HALL 425 NORTH EL DORADO STREET STOCKTON, CALIFORNIA 95202-1997

On or before <u>2:00 p.m. December 15, 2022</u>, and publicly opened immediately thereafter in the City Council Chambers.

SPECIAL NOTE: U.P.S. OR OTHER SPECIAL HANDLING SERVICES DO NOT DELIVER DIRECTLY TO THE CITY CLERK'S OFFICE. BIDDERS ARE ADVISED THAT IF A SPECIAL HANDLING SERVICE IS USED, BIDS MAY NOT REACH THE CITY CLERK'S OFFICE IN TIME FOR BID OPENING AND WILL BE REJECTED AND RETURNED TO BIDDER.

NON-COLLUSION AFFIDAVIT FOR INDIVIDUAL BIDDER

STATE OF	AFFIDAYI	IT FOR INDIVIDUAL BIDDER
DEALE OF)ss.
County of)
	(insert)	•
ndirectly with, or induced or soli irm or corporation shall or shoul	cited any other bid or person, fill refrain from bidding; and ha	being first duly sworn, deposes and idder has not colluded, conspired, connived or agreed, directly or firm or corporation to put in a sham bid, or that such other person, as not in any manner sought by collusion to secure to themselves in said improvement, or over any other Bidder.
		(Signature Individual Bidder)
ubscribed and sworn to (or affire	med) before me on this	day of
У	, proved to appeared be	ne on the basis of satisfactory evidence to be the person(s) who fore me.
ical		-ndiregieridininnalizating-ing Mar.
rignature	**************************************	
Gary DAmerine oworn, deposes and says: That the	ia, oislaus (insert) by are the Presiden	being first duly of America Server from the purely making the formula to the most hid by
enuine and not sham or collusive obluded, conspired, connived or a orporation to put in a sham bid, on manner sought by collusion to approvement, or over any other Bubscribed and sworn to (or affirm	e, or made in the interest or behing agreed, directly or indirectly with or that such other person, firm to be secure to themselves any advantation. The proved to me on this	all of any person not named herein; that said Bidder has not the or induced or solicited any other bid or person. firm or or corporation shall or should refrain from bidding; and has not in antage over or against the City, or any person interested in said A A A Community (Signature Corporation Bidder) day of December V 2022 me on the basis of satisfactory evidence to be the person(s) who
enuine and not sham or collusive olluded, conspired, connived or a orporation to put in a sham bid, o	e, or made in the interest or behingered, directly or indirectly without that such other person, firm to be secure to themselves any advastidder. The proved to mappeared being appeared	all of any person not named herein; that said Bidder has not the or induced or solicited any other bid or person. firm or or corporation shall or should refrain from bidding; and has not in antage over or against the City, or any person interested in said A
enuine and not sham or collusive of united or a proporation to put in a sham bid, on manner sought by collusion to put in a sham bid, on manner sought by collusion to approvement, or over any other Bubscribed and swom to (or affirm a Gary D Amerija Milissa Feems	e, or made in the interest or behingered, directly or indirectly without that such other person, firm to be secure to themselves any advastidder. The proved to mappeared being appeared	All of any person not named herein; that said Bidder has not ith, or induced or solicited any other bid or person, firm or or corporation shall or should refrain from bidding; and has not in antage over or against the City, or any person interested in said (Signature Corporation Bidder) day of Decerriber V 2022 me on the basis of satisfactory evidence to be the person(s) who fore me. MELISSA FEEMSTER Comm. #2303107 Notary Public California
enuine and not sham or collusive of united or a proporation to put in a sham bid, on manner sought by collusion to put in a sham bid, on manner sought by collusion to approvement, or over any other Bubscribed and swom to (or affirm to be a sham bid, or a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and or over any other Bubscribed and swom to (or affirm to be a sham bid, or over any other Bubscribed and sw	e, or made in the interest or behingered, directly or indirectly without that such other person, firm to be secure to themselves any advastidder. The proved to mappeared being appeared	alf of any person not named herein; that said Bidder has not the or induced or solicited any other bid or person. firm or or corporation shall or should refrain from bidding; and has not in antage over or against the City, or any person interested in said (Signature Corporation Bidder) day of Decerriber V 2022 me on the basis of satisfactory evidence to be the person s) who fore me. MELISSA FEEMSTER Comm. #2303107 Notary Public California Stanislaus County

bid is genuine and not sham or collusive, or made in the interest or behalf of any person not named herein; that said Bidder has not colluded, conspired, connived or agreed, directly or indirectly with, or induced or solicited any other bid or person, firm or corporation shall or should refrain from proposing; and has not in any manner sought by collusion to secure to themselves any advantage over or against the City, or any person interested in said improvement, or over any other Bidder.

	(Signature	e)
	(Signature	3)
Subscribed and sworn to (or at	firmed) before me on this day of	
by	, proved to me on the basis of satisfac appeared before me.	etory evidence to be the person(s) who
Seal		
Signature		

EXHIBIT A- SAMPLE CONTRACT - SEPARATE ATTACHMENT EXHIBIT B- INSURANCE REQUIREMENTS-SEPARATE ATTACHMENT

BIDDER'S CHECKLIST

Did Y	ou:	
*	Comple 18 to 22	te the following bid documents (FROM THIS PACKET ONLY SUBMIT PAGES 2, along with any illustrations/brochures):
٠	*	'Sign and notarize by jurat certificate the "Non-Collusion Affidavit" form. An "All-Purpose Acknowledgment" form will not be sufficient.
	*	Complete and sign the "Bid to be Submitted" form.
î	*	Sign the "Bidder's Agreement" form. Include (with bid) name and e-mail address for City contact, if different from signatoree
	*:	Recheck your math on each item extension and total column. Do not superimpose numerals on your bid forms. If erasures or interlineations appear on your bid form, they must be initialed by the person preparing the bid.
	*	Include your 10% bidder's security, bidder's bond, certified or cashier's check. NOTE: As information, the City will NOT accept company or personal checks for bid security.
	*	Include self-addressed, unstamped envelope (#10, 4- 1/8 x 9- 1/2) with bidder's security. Please DO NOT seal your security, bidder's bond, certified or cashier's check in this envelope. It is for returning the security to the bidder AFTER project award.
*	Submit with an	one (1) ORIGINAL of all bid documents. Additionally, submit one (1) flash drive electronic version of the bid documents.
*	Review www.sto	all clarifications/questions/answers on the City's website at ocktonca.gov/adminbid
*	Stocktor "Bid" an Please Clerk's bid ope	sealed bid to City Hall, City Clerk's Office (1st floor), 425 North El Dorado Street, n, CA 95202, before December 15, 2022, at 2:00 p.m. Sealed bid shall be marked d indicate project name, number, and bid opening date. note that some overnight delivery services do not deliver directly to the City Office. This could result in the bid arriving in the City Clerk's Office after the ning deadline and therefore not being accepted. NOTE: The Stockton City office is closed from 12 noon to 1 p.m. for lunch.
	•	OWTP REHAB WELL 30
		PUR 23-005)
	C) [DECEMBER 15, 2022 CONTACT INFORMATION:
		CONTROL IN CHIMATION.

Information on Bid Process/Clarification/Technical Data

Patricia Monesi Procurement Specialist

(209) 937-8357

e-mail: stocktonbids@stocktonca.gov

*If not completed as required, your bid may be voided.

*DISCLAIMER: The City does not assume any liability or responsibility for errors/omissions in any document transmitted electronically.

*THIS FORM IS FOR YOUR INFORMATION ONLY AND DOES NOT NEED TO BE SUBMITTED WITH YOUR BID.

BID DOCUMENTS

- A) BID DWTP REHAB WELL 30
- B) PUR 23-005
- C) DECEMBER 15, 2022

COMPANY NAME: Pump Repair Service Company

CONTACT NAME: Wayne Archer

ADDRESS: P.O. Box 34327, San Francisco, CA 94134

TELEPHONE NUMBER: 415-467-2150

EMAIL: warcher@pumprepairservice.com

BID TO BE SUBMITTED

	DID TO BE CODINITITED	
Quantity	Material	Price
1	Well Motor and Pump	338,400 00
1	Sounding Tubes #	200000

The bidder w	varrant	ies this equipment for a mir	nimum period of //2 years.
Complete de	elivery	will be made within 34	calendar days from award of bid.
		arding specifications should sion, at telephone (209) 937	be directed to <u>Patricia Monesi</u> 7- <u>8357</u> .
Pump Repai	ir Serv	ice Company	P.O. Box 34327, San Francisco, CA 94134 ADDRESS
May SIGNED BY	Wayne	e Archer	President TITLE OR AGENCY
12/15/2022 DATE		<u></u> .	(415) 467-2150 TELEPHONE
NOTE:	Bidde	rs are to mark their sealed bio	ls to clearly indicate the content as:
	A)	DWTP Rehab Well 30	
	B)	PUR 23-005	
	C)	December 15, 2022	

IF YOU DO NOT WISH TO BID, PLEASE RETURN YOUR BID IMMEDIATELY STATING REASON.

BIDDER'S AGREEMENT

In submitting this bid, as herein described, the bidder agrees that:

- 1. They have carefully examined the specifications and all other provisions of this form and understand the meaning, intent, and requirements of same.
- 2. They have reviewed and understand all clarifications/questions/answers on the City's website at www.stocktonca.gov/adminbid.
- 3. They will enter into written contract and furnish the item(s)/service(s) in the time specified in strict conformity with the specifications and conditions contained therein for the price quoted by the bidder on this bid.
- 4. The proposed price is inclusive of all freight and handling charges and includes delivery to the City of Stockton, Municipal Service Center, or if specified, to the alternate point of delivery shown in the specifications.
- 5. They have signed and notarized the attached Non-Collusion Affidavit form whether individual, corporate or partnership. Must be "A Jurat" notarization.

Pump Repair Service Company	P.O. Box 34327, San Francisco, CA 94134
FIRM	ADDRESS
May file	President
SIGNED BY Wayne Archer	TITLE OR AGENCY
warcher@pumprepairservice.com	_
E-MAIL ADDRESS	

NOTE: Bids are invalid which are unsigned, or not accompanied by \$10% a bidder's bond. If erasures or interlineations appear on your bid form, they must be initialed by the person preparing the bid. Bids shall be mailed or delivered to:

OFFICE OF THE CITY CLERK FIRST FLOOR, CITY HALL 425 NORTH EL DORADO STREET STOCKTON, CALIFORNIA 95202-1997

On or before <u>2:00 p.m. December 15, 2022</u>, and publicly opened immediately thereafter in the City Council Chambers.

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NON-COLLUSION AFFIDAVIT FOR INDIVIDUAL BIDDER

County of	No. 1	AFFIDAV	IT FOR IND	IVIDUAL BIDDER	
Subscribed and sworn to (or affirmed) before me on this	STATE OF	,)ss.	
being first duly sworn, deposes and says: That on behalf of any person not named herein; that said Bidder has not colluded, conspired, connived or agreed, directly or indirectly with, or induced or solicited any other bid or person, firm or corporation to not the a sham bid, or that such other person, firm or corporation to not the parson, firm or corporation to not the parson, firm or corporation to not the parson interested in said improvement, or over any other Bidder. Subscribed and sworn to (or affirmed) before me on this	County of)	
says: That on behalf of any person not named herein; that said Bidder has not colluded, conspired, connived or agreed, directly or indirectly with, or induced or solicited any other person, firm or corporation to put in a sham bid, or that such other person, firm or corporation shall or should refrain from bidding; and has not in any manner sought by collusion to secure to themselves any advantage over or against the City, or any person interested in said improvement, or over any other Bidder. Subscribed and sworn to (or affirmed) before me on this		(insert)			
Subscribed and sworn to (or affirmed) before me on this	indirectly with, or induced or solic firm or corporation shall or should	ited any other bid or person, I refrain from bidding; and I	firm or corporation for the firm or corporation for the firm of th	lluded, conspired, connived on on to put in a sham bid, or that nner sought by collusion to s	or agreed, directly or at such other person, secure to themselves
psy			(Signature Individual Bidder)	
Seal	Subscribed and sworn to (or affirm	ned) before me on this	day of		, 20
No. 2 AFFIDAVIT FOR CORPORATION BIDDER STATE OFCalifornia	by			of satisfactory evidence to be	the person(s) who
No. 2 AFFIDAVIT FOR CORPORATION BIDDER STATE OF	Seal				
STATE OF	Signature				
wayne Archer sworn, deposes and says: That they are the President of Pump Repair Service Company a corporation, which corporation is the party making the foregoing bid, that such bid is genuine and not sham or collusive, or made in the interest or behalf of any person not named herein; that said Bidder has not colluded, conspired, connived or agreed, directly or indirectly with, or induced or solicited any other bid or person, firm or corporation to put in a sham bid, or that such other person, firm or corporation shall or should refrain from bidding; and has not in any manner sought by collusion to secure to themselves any advantage over or against the City, or any person interested in said improvement, or over any other Bidder. Subscribed and sworn to (or affirmed) before me on this day of Double (Signature Corporation Bidder) by proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me. Seal Stand Danielle Deleto's Revest National Danielle Danielle Danielle Danielle Danielle Dani	County of San i	_)ss.	
a corporation, which corporation is the party making the foregoing bid, that such bid is genuine and not sham or collusive, or made in the interest or behalf of any person not named herein; that said Bidder has not colluded, conspired, connived or agreed, directly or indirectly with, or induced or solicited any other bid or person, firm or corporation to put in a sham bid, or that such other person, firm or corporation shall or should refrain from bidding; and has not in any manner sought by collusion to secure to themselves any advantage over or against the City, or any person interested in said improvement, or over any other Bidder. Subscribed and sworn to (or affirmed) before me on this day of the person of satisfactory evidence to be the person(s) who appeared before me. Seal	vvayne Archer				
Subscribed and sworn to (or affirmed) before me on this	colluded, conspired, connived or a corporation to put in a sham bid, o any manner sought by collusion to	greed, directly or indirectly or that such other person, firm secure to themselves any addder.	with, or induced on or corporation shadantage over or a	r solicited any other bid or pe all or should refrain from bid	rson, firm or lding; and has not in
Subscribed and sworn to (or affirmed) before me on this			my Co	Signature Corporation Bidde	r)
Seal Sal	Subscribed and swam to (an affirm	and) hafara ma an this 13			
Seal			day of	000111001	
STATE OF		RANA DANIELLE DELOS REYES Netary Public - California San Francisca County Commission # 2297984		of satisfactory evidence to be	the person(s) who
county of	No. 3 AF		•	\	ERSHIP
each being first duly sworn, depose and say: That they are a member of the firm, association or co-partnership, designated as who is the party making the foregoing bid; that the	County of		-)	
designated aswho is the party making the foregoing bid; that the		(insert)			
	each being first duly sworn, depos	e and say: That they are a me	ember of the firm,	association or co-partnership	
				who is the party making the fo	

bid is genuine and not sham or collusive, or made in the interest or behalf of any person not named herein; that said Bidder has not colluded, conspired, connived or agreed, directly or indirectly with, or induced or solicited any other bid or person, firm or corporation shall or should refrain from proposing; and has not in any manner sought by collusion to secure to themselves any advantage over or against the City, or any person interested in said improvement, or over any other Bidder.

	(Signature)	
	(Signature)	
Subscribed and sworn to (or affirmed) before me on t	his day of	
	proved to me on the basis of satisfactory evide	ence to be the person(s) who
Seal		
Signature		

INVITATION FOR SEALED BID (IFB) DWTP REHAB WELL 30 FOR THE CITY OF STOCKTON, CALIFORNIA PUR 23-005

ADDENDUM No. #1

DATE: 11/21/2022

To All Potential Bidders:

- A. This Addendum shall be considered part of the bid documents for the above-mentioned project as though it had been issued at the same time and shall be incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original bid documents, this Amendment shall govern and take precedence. BIDDERS MUST SIGN THE ADDENDUM AND SUBMIT IT WITH THEIR BIDS.
- B. Bidders are hereby notified that they shall make any necessary adjustments in their estimates as a result of this Addendum. It will be construed that each bidder's bid is submitted with full knowledge of all modifications and supplemental data specified herein.

PLEASE NOTE THE FOLLOWING QUESTIONS/ANSWERS/CHANGES AND CLARIFICATIONS TO (PUR 23-005). THE CITY'S RESPONSES TO QUESTIONS SUBMITTED ARE IN BLUE

Questions & Answers

- Is there a cost estimate/range available for this project and a construction start/end date?
 There is no cost estimate for this project. The construction start/end date does not have an official start and end date, however a "notice to proceed" letter will be sent out the first week of April 2023 and is expected to end by December 2023.
- 2. Can you please provide Engineer's Estimate for the DWTP Rehab Well 30 Project? Refer to the answer in question 1.
- Confirming that the pre-bid was not mandatory.
 The job walk was not mandatory.
- 4. To remove the pump and motor, the building needs to be moved (slid) out of the way. Who will be doing that work?
 - City staff will be doing all the electrical, plumbing, and mechanical work to move (slide) the building.

Stage:	3
Head:	261
Speed:	1760
Phase:	3
Duty Information:	
GPM;	2200
BIDDER MUST ACKNOWLEDGE T	HIS ADDENDUM BY SIGNING BELOW AND
ATTACHING THE SIGNED ADDEND	IIM TO THE RID FORM:
Company Name Pump Repa	iir Service Co
2 1 12 11	The state of the s
Contact Person Wayne Arc	ner
Signature Max The	
12/01/2	The state of the s
Date 1d/2/32	
	A STATE OF THE STA
Bids Due - Promptly by 2:00 P.M., Th	ursday, December 15, 2022, at the City Clerk's
Office.	J. W. C.
011 101	
City of Stockto	on Use Only below this line
Addendum acknowledged and signed?	(Procurement Specialist's initials)

15MQ

0404MS003103-1

5. What is the information on the name plate?

Pump Information:

Motor Information:

Pump Size/Type:

Number of Stages:

Serial Number:

Bid Bond

KNOW ALL MEN BY THESE PRESENTS,

That We, <u>Pump Repair Service Co.</u> of <u>P.O. Box 34327</u>, <u>San Francisco</u>, <u>CA 94134</u> as Principal, and <u>Contractors Bonding and Insurance Company</u> of <u>Peoria, Illinois</u>, as Surety, an Illinois corporation duly licensed to do business in the State of <u>California</u>, are held and firmly bound unto <u>City of Stockton</u>, as Oblligee, in the penal sum of <u>Ten Percent of Amount Bid</u> (<u>10% of Amount Bid</u>), for the payment of which the Principal and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, joint and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, That whereas the Principal has submitted, or is about to submit, a proposal or a bid to the Obligee on a contract for <u>DWTP REHAB WELL 30</u>

NOW, THEREFORE, if the aforesaid principal shall be awarded the contract, the said Principal will within the period specified therefore, or if no period be specified, within ten (10) days after the notice of such award enter into a contract and give bond for the faithful performance of the contract, then this obligation shall be null and void. In the event the person, firm, or corporation is awarded the contract and the said bidder shall fail, neglect, or refuse to enter into a contract to said equipment or materials, then the amount therein mentioned in the bidder's bond accompanying the bid of said person, firm, or corporation shall be declared to be forfeited to the City.

PROVIDED AND SUBJECT TO THE CONDITION PRECEDENT, that any suits at law or proceedings in equity brought or to be brought against the Surety to recover any claim hereunder must be instituted and service had upon the Surety within ninety (90) days after the acceptance of said bid of the Principal by the Obligee.

SIGNED, SEALED AND DATED this 9th day of December, 2022.

Pump Repair Service Co.

Principal

Haley A. Anderson

Contractors Bonding and Insurance Company

Surety

Haley A. Anderson, Attorney-in-Fact

SEAL WAY

POWER OF ATTORNEY

RLI Insurance Company Contractors Bonding and Insurance Company

9025 N. Lindbergh Dr. Peoria, IL 61615 Phone: 800-645-2402

Know All Men by These Presents:

That this Power of Attorney is not valid or in effect unless attached to the bond which it authorizes executed, but may be detached by the approving officer if desired.

That RLI Insurance Company and/or Contractors Bonding and Ins together, the "Company") do hereby make, constitute and appoint:	urance Company, each an Illinois corporation, (separately and
Jacquelyn M. Norstrom, John P. Harney, Josefina Rojo, Haley A. Anderson jointly or severally	, Cassandra L. Stone, Steven L. Wulff, Pramod Venkatesh,
in the City of Chicago, State of Illinois full power and authority hereby conferred, to sign, execute, acknowledge bonds and undertakings in an amount not to exceed (\$25,000,000.00) for any single obligation. The acknowledgment and execution of such bond by the said Attorney in F executed and acknowledged by the regularly elected officers of the Compare	Twenty Five Million Dollars act shall be as binding upon the Company as if such bond had been
RLI Insurance Company and/or Contractors Bonding and Insurance following is a true and exact copy of a Resolution adopted by the Board of I	ce Company, as applicable, have each further certified that the Directors of each such corporation, and is now in force, to-wit:
"All bonds, policies, undertakings, Powers of Attorney or other obligation the Company by the President, Secretary, any Assistant Secretary, Treasure of Directors may authorize. The President, any Vice President, Secretary in Fact or Agents who shall have authority to issue bonds, policies al is not necessary for the validity of any bonds, policies, undertakings, signature of any such officer and the corporate seal may be printed by face	eter, or any Vice President, or by such other officers as the Board retary, any Assistant Secretary, or the Treasurer may appoint cies or undertakings in the name of the Company. The corporate Powers of Attorney or other obligations of the corporation. The
IN WITNESS WHEREOF, the RLI Insurance Company and/or Cont caused these presents to be executed by its respective Vice President August, 2021.	ractors Bonding and Insurance Company, as applicable, have dent with its corporate seal affixed this 25th day of RLI Insurance Company Contractors Bonding and Insurance Company By:
State of Illinois County of Peoria	Barton W. Davis Vice President CERTIFICATE
On this25thday ofAugust,2021, before me, a Notary Public, personally appearedBarton W. Davis, who being by me duly sworn, acknowledged that he signed the above Power of Attorney as the aforesaid officer of the RLI Insurance Company and/or Contractors Bonding and Insurance Company and acknowledged said instrument to be the voluntary act and deed of said corporation. By:	I, the undersigned officer of RLI Insurance Company and/or Contractors Bonding and Insurance Company, do hereby certify that the attached Power of Attorney is in full force and effect and is irrevocable; and furthermore, that the Resolution of the Company as set forth in the Power of Attorney, is now in force. In testimony whereof, I have hereunto set my hand and the seal of the RLI Insurance Company and/or Contractors Bonding and Insurance Company this _9th _ day of _December, _2022 RLI Insurance Company Contractors Bonding and Insurance Company
CATHERINE D. GLOVER OFFICIAL SEAL PUBLIC F VIOLATY Public - State of Illinois My Commission Expires March 24, 2024	By: Jeffrey Defick Corporate Secretary

State of Illinois County of Cook

(Seal)

On this	9 th	day of	December	2022, before me personally appeared						
	На	aley A. Ander	son	, known to me to be the Attorney-in-fact of						
	Contractors Bonding and Insurance Company , the corporation that executed thin instrument, and acknowledged to me that such corporation executed the same.									
within in	Haley A. Anderson , known to me to be the Attorney-in-fact of Contractors Bonding and Insurance Company , the corporation that executed the rithin instrument, and acknowledged to me that such corporation executed the same. N WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the foresaid county, the day and year in this certificate first above written. OFFICIAL SEAL M LABNO NOTARY PUBLIC - STATE OF ILLINOIS									
aforesaid	IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the aforesaid county, the day and year in this certificate first above written.									
NO.	OFFICIAL SE M LABNO TARY PUBLIC - STATE Y COMMISSION EXPIF	IEREOF, I have hereunto set my hand and affixed my official seal, at my office in the he day and year in this certificate first above written. SEAL BNO STATE OF ILLINOIS EXPIRES:09/11/23 (Notary Public)								



Pump size & type / Stages

Based on curve no.

: EC-2377 mpeller diameter : 11.25 in

: PUMP REPAIR SERVICE CO INC Customer

Item number : 15EMM-3

Service : -

Flowserve reference : 4314845347

Date : December 6, 2022 Capacity

: 2,200.0 USgpm

13

: 15EMM

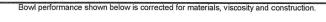
Head : 261.00 ft

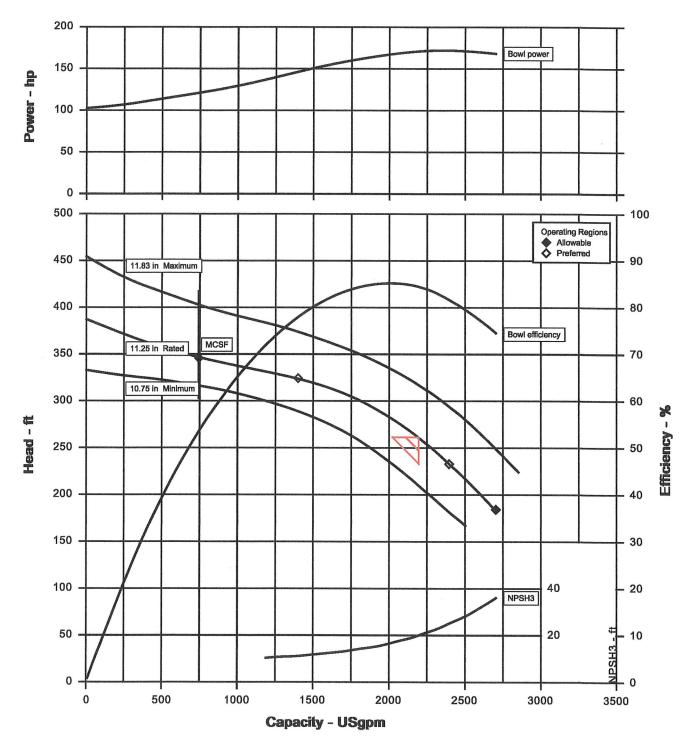
Density / Specific gravity : - / 1.000 Pump speed : 1,760 rpm

Ns / Nss (per eye) : 1,519 / 9,100 (US)

Test tolerance : ANSI/HI 14.6 Grade 1U

CURVES ARE APPROXIMATE, PUMP IS GUARANTEED FOR ONE SET OF CONDITIONS; CAPACITY, HEAD, AND EFFICIENCY.





Bowl head of 261.47 ft corresponds with 261 ft head at low liquid level adjusted for elevation and friction losses.



Pump size & type / Stages

Based on curve no.
Impeller diameter

: 15EMM : EC-2377

: 11.25 in

Customer

: PUMP REPAIR SERVICE CO INC

Item number

: 15EMM-3

Service

:-

Flowserve reference

: 4314845347

Date

I DEIVIIVI-3

: December 6, 2022

Capacity

: 2,200.0 USgpm

/3

Head : 261.00 ft

Density / Specific gravity : - / 1.000

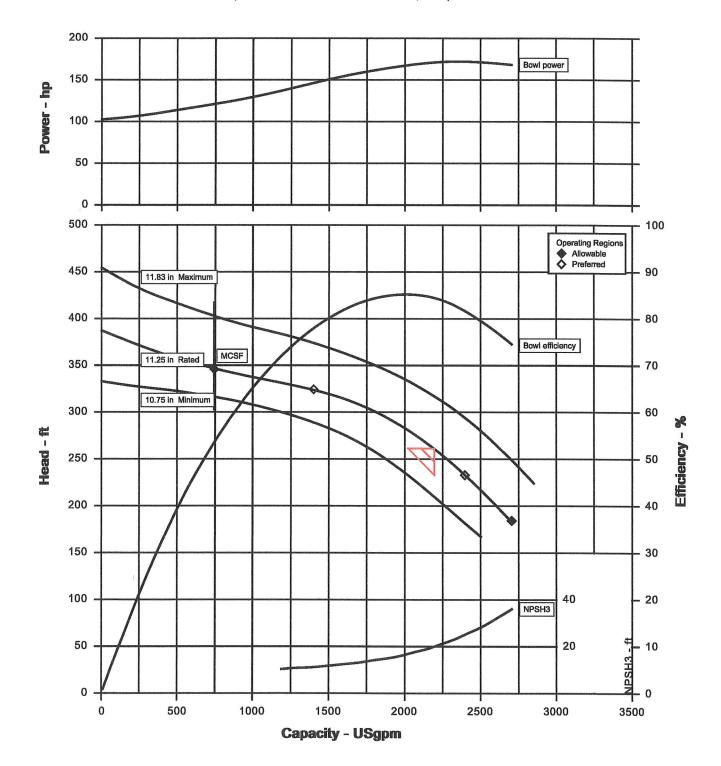
Pump speed : 1,760 rpm

 Ns / Nss (per eye)
 : 1,519 / 9,100 (US)

 Test tolerance
 : ANSI/HI 14.6 Grade 1U

CURVES ARE APPROXIMATE, PUMP IS GUARANTEED FOR ONE SET OF CONDITIONS; CAPACITY, HEAD, AND EFFICIENCY.

Bowl performance shown below is corrected for materials, viscosity and construction.







SUBM

Submersible Motors - Pumps



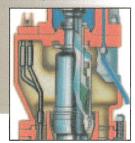
Pleuger® Water Filled Design

Bulletin PS-50-3 (E/A4)

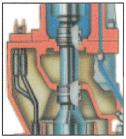


Byron Jackson Oil Filled Design

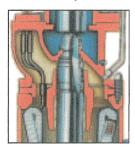
Seal Options



Mercury seal Zero leakage, zero wear for absolute reliability



Double mechanical seal A high quality alternative to the mercury seal



Single, pressurized mechanical seal For hydrocarbon services and non-vertical applications

Byron Jackson oil filled submersible units are built for the most demanding deep well services. Rugged, reliable and long lasting, these units offer significant total life cycle cost savings.

Services

- Municipal
- Industrial
- Process
- Offshore
- Mining
- Irrigation
- Power

Typical Applications

- · Potable water
- Storage cavern
- Sea water
- Fire protection
- Ballast
- Dewatering
- · Pressure boosting
 - Fountains
- Geothermal
- Water injection system
- Pipelines

Operating Parameters

- Flows to 4500 m³/h (19 800 gpm)
- Heads to 800 m (2600 ft)
- Motor sizes to 1500 kW (2000 hp)
- Speeds from 1000 to 3600 rpm
- 2, 4 and 6 pole designs (other designs available)
- 200 to 6600 volt
- 50 & 60 Hz frequencies
- Variable frequency drive and high temperature motor options

Accredited for water handling services

- NSF Standard 61 Certification according to criteria established jointly by the U.S. ASME and NSF International
- Certification program accredited by RvA, the Dutch Council for Accreditation



Standard Design Features Motors

- Oil filled with internal self contained force feed, filtered, cooled oil circulation system to maintain continuous lubrication
- Vacuum pressure impregnated (VPI) epoxy, Class F insulation system for superior insulation and long service life
- Double-acting thrust bearing system for continuous up or down thrust capability
- Special metallurgy available for corrosive services
- Suitable for use with variable frequency drives for improved pumping efficiency
- Models available for high temperature (≥ 90°C [200°F]) and high suction pressure services

Pumps

- Heavy duty and high efficiency impellers and bowl cases
- Wide variety of materials available to suit any application
- Dynamically balanced impellers to minimize vibration and maximize service life
- Dual bearings between pump and motor for maximum shaft support
- Highly efficient suction inlet design

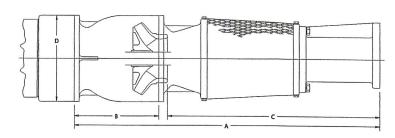
Cables

 Sealed power cable plug-in feature for reliability and ease of installation; no need for field splicing



Submersible Motors and Pumps Cross Sectional Drawings

Byron Jackson Adaptations Submersible Pump (SVTP) **Dimensions and Weights**



15 EMM- 3 Stages

1	Bowl Impellers			Motor		Α	В	С		Available		Well I.D.		Weight (lbs.)	
-	Model	Impellers			Poles	Length of One Stage Unit	Length of Additional Stage	1st Stage Impeller Location	D	Top Case Outlet Sizes	Bowl Connection	Min.	Recom'ed	1st Stage	Add'l
\vdash			10	460		42.13		27.38				16	16		Stage
			12	460/2300		45.88		31.13				16	16		
	14EM	М	14	460/2300	4	43.31	12.12	29.56	13.44	8, 10	Flanged	16	16	740	135
			17	2300/4000		46.81		32.06				18	20		
			10	460		43.00		27.38				16	16		
			12	460/2300		46.75		31.13				16	16		
	14EN	L,M	14	460/2300	4	44.18	13.00	29.56	13.44	8, 10	Flanged	16	16	780	175
			17	2300/4000		47.68		32.06				18	20		
			10	460		43.31		27.38				16	16		
			12	460/2300		47.06		31.13				16	16		
	14EB L,M	14	460/2300	4	44.50	13.31	29.56	13.31	8, 10	Flanged	16	16	740	135	
			17	2300/4000		48.00		32.06				18	20		
		1.	10	460		53.94		38.13				18	18		
			12	460/2300		56.00		40.19	100 1000			18	18		
	15EM	М	(14)	460/2300	4	54.19	12.75	38.38	14.75	10, 12	Flanged	18	18	775	173
			17	2300/4000		55.25		39.44				18	20		
-			10	460		54.57		38.13		 		18	18		
			12	460/2300		56.63		40.19		10, 12		18	18		
	15EH	L,M	14	460/2300	4	54.82	13.38	38.38	14.75		- Flanged	18	18	785	186
ł	1		17	2300/4000		55.88		39.44	1			18			
\vdash			10	460		56.44		38.13				18	18		
1										12, 14	Flanged			780	
	15EB	L,M	12	460/2300	4	58.50	15.25	40.19	15.25			18	18		180
1			14	460/2300		56.69		38.38				18	18		
-			17	2300/4000		57.75		39.44				18	20		
1			10	460		55.63	14.44	38.13	14.44	10,12	Flanged	16	18	800	
ı	15MQ	L,H	12	460/2300	4	57.69		40.19				16	18		200
			14	460/2300		55.88		38.38				16	18		
_			17	2300/4000		56.94		39.44				18	20		
	16EN	L,M	14	460/2300	4	55.94	14.50	37.72	14.75	10,12	Flanged	18	20	1020	230
		_,	17	2300/4000		57.00	11.00	38.78	11.10	10,12	- I lunged	20	20	1020	230
	17EP	L,M	14	460/2300	4	56.94	15.50	37.72	17.63	10,12	Flanged	18	20	1150	360
		-,	17	2300/4000		58.00	10.00	38.78	17.00	10,12	rianged	20	20	1150	300
	17MQ	L,H	14	460/2300	4	58.19	16.75	37.72	16.88	10,12	Flanged	18	20	1100	310
		-,,,	17	2300/4000		59.25	70.70	38.78	10.00	10,12	rianged	20	20	1100	310
			12	460/2300	4	77.87		45.63							
'	17ETH	L,H	14	400/2000	,	76.06	16.88	43.81	16.88	12	Flanged	24	24	1200	345
_			17	2300/4000	4	77.13		44.87							
	18EK	L,M	17	2300/4000	4	57.94	16.50	37.72	17.50	10,12, 14	Classed	20	20	4400	000
	TOLK	L,1V1	21	4000/6000	7	59.00	10.50	38.78	17.50	10,12, 14	Flanged	24	24	1180	390
	18EN	L,M	17	2300/4000	4	57.94	16.50	37.72	17.50	10,12, 14	Classed	24	24	4400	
	IOCIA	L,1V1	21	4000/6000	*	59.00	10.50	38.78	17.50	10,12, 14	Flanged	24	24	1180	390
	18CK	L,H	17	2300/4000	4	57.44 -	16.00	37.72	40.05	40 44 40	Florend	24	D.4	4400	/00
	18CK	L,H	21	4000/6000	4	58.50	16.00	38.78	18.25	12, 14, 16	Flanged	24	24	1190	400
	2051		17	2300/4000		64.25	40.00	41.50							
1	20EK	L,H	21	4000/6000	4	66.62	19.00	43.88	20.00	12, 14, 16	Flanged	24	24	1575	535
			17	2300/4000		64.25		41.50							
	20EN	L,M	21	4000/6000	4	66.62	19.00	43.88	20.00	12, 14, 16	Flanged	24	24	1575	535
			17	2300/4000		64.25	 	41.50							
1	20EP	L,M	21	4000/6000	4	66.62	18.00	43.88	20.32	12, 14, 16	Flanged	24	24	1555	515
			17	2300/4000		64.25		41.50		l			 	-	
1	20CK	L,H	21	4000/6000	4	66.62	18.00	43.88	20.50	12, 14, 16	Flanged	24	24	1580	540
			17	2300/4000		68.25		47.63	-		A200 8-1			-	
1	24CK	L,H	21	4000/6000	4	70.63	23.25	43.13	21.00	12, 14, 16	Flanged	28	28	1700	650

Note: For other or larger sizes consult factory.

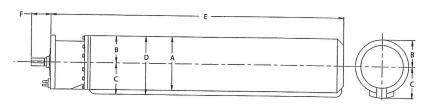
All dimensions given in inches, weight in pounds.

Dimensions and weights are approximate and subject to change - Do not use for construction.



Submersible Motors and Pumps Cross Sectional Drawings

Byron Jackson Electical Data 4-Pole Submersible Motors 1800 RPM - 3 Phase - 60 Cycle



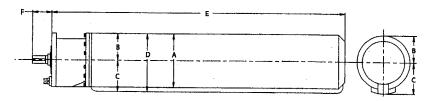
140			AMPS	. %	AMPS	RPM	1/2	1/2 LOAD		3/4 LOAD		FULL LOAD	
MOTOR SIZE	HORSE- POWER	VOLTAGE	RATED CURRENT	STARTING CURRENT	NO LOAD CURRENT	FULL LOAD SPEED	P.F.	Efficiency	P.F.	Efficiency	P.F.	Efficiency	
	20		28	430	15	1750	59.0	78.0	71.0	85.0	77.0	86.0	
8	25	460	34	350	15	1735	64.0	79.0	74.0	85.0	79.0	86.0	
	30		40	300	15	1720	68.0	82.0	77.0	86.0	82.0	85.0	
	40	460	51	470	18	1770	71.0	83.0	80.0	86.0	85.0	87.0	
	50		63	360	18	1760	77.0	85.0	84.0	87.0	86.0	86.0	
10	60		81	425	35	1770	61.0	82.0	73.0	86.0	80.0	87.0	
	75		96	360	35	1760	68.0	85.0	78.0	87.0	84.0	87.0	
	100		127	415	45	1765	70.0	86.0	80.0	88.0	84.0	88.0	
	125		165	437	74	1760	61.0	86.0	73.0	88.0	79.0	90.0	
	150	460	195	370	74	1751	66.0	88.0	74.0	89.0	80.0	90.0	
	175		230	377	100	1752	67.0	85.0	73.0	88.0	80.0	89.0	
12	200		263	330	100	1742	70.0	86.0	75.0	88.0	80.0	89.0	
	125		34	435	14	1758	62.0	87.0	71.0	89.0	77.0	90.0	
	150	2300	39	370	14	1748	66.0	88.0	74.0	89.0	80.0	90.0	
	175		47	391	18	1751	67.0	85.0	73.0	0.88	79.0	89.0	
	200		53	340	18	1742	70.0	86.0	75.0	88.0	80.0	89.0	
	125		153	440	. 50	1756	84.0	83.0	88.0	86.0	88.0	87.0	
	150		181	440	55	1754	83.0	83.0	88.0	87.0	88.0	88.0	
	200	460	242	485	85	1760	77.0	86.0	83.0	88.0	87.0	89.0	
	250		310	488	120	1760	73.0	84.0	81.0	88.0	84.0	90.0	
14	300		367	420	120	1751	76.0	85.0	83.0	88.0	85.0	90.0	
	125	2300	30	405	7	1750	88.0	83.0	88.0	85.0	89.0	87.0	
	150		36	420	10	1750	88.0	83.0	0.88	85.0	89.0	87.0	
	200		48	380	.14	1750	87.0	84.0	88.0	86.0	88.0	88.0	
	250		61	491	20	1760	81.0	83.0	84.0	86.0	87.0	88.0	
WANG COMMISSION	300		73	405	20	1751	84.0	84.0	86.0	86.0	88.0	88.0	
	300		76	440	20	1773	76.0	87.0	81.0	88.0	83.0	89.0	
	350		89	408	23	1770	79.0	87.0	82.0	88.0	83.0	89.0	
	400		101	400	26	1769	79.0	87.0	82.0	88.0	83.0	89.0	
	450	2300	114	430	33	1774	80.0	87.0	81.0	88.0	83.0	89.0	
~	500	_	127	385	33	1770	80.0	87.0	82.0	88.0	83.0	89.0	
	600		152	430	45	1774	76.0	87.0	81.0	88.0	83.0	89.0	
17	700		175	430	56	1770	74.0	85.0	81.0	88.0	83.5	89.5	
	300		44	529	15	1778	75.0	87.0	78.0	88.0	83.0	89.0	
	350		51	447	17	1773	77.0	87.0	0.08	88.0	83.0	89.0	
	400		58	474	18	1775	76.0	87.0	80.0	88.0	83.0	89.0	
].	450	4000	66	496	22	1777	73.0	86.0	78.0	88.0	82.0	89.0	
	500		73	475	22	1775	76.0	87.0	80.0	88.0	83.0	89.0	
	600		87	420	26	1774	77.0	87.0	81.0	88.0	83.0	89.0	
	700		102	440	33.5	1770	73.5	84.5	80.5	88.0	83.0	89.0	
	800		115	430	29	1762	76.0	80.0	83.0	85.0	86.0	87.0	
. [1000	4000	144	408	33	1760	77.0	80.0	84.0	85.0	86.0	87.0	
-	1250		180	450	44	1768	77.0	80.0	84.0	85.0	86.0	87.0	
	1500		216	420	49	1767-	77.0	80.0	84.0	85.0	86.0	87.0	
21	600		54	410	14	1760	76.0	78.0	83.0	83.0	86.0	84.0	
L	800		71	425	18	1762	76.0	79.0	83.0	83.0	86.0	85.0	
	1000	6600	89	450	23	1764	76.0	79.0	83.0	83.0	86.0	85.0	
	1250		112	410	26	1760	77.0	80.0	84.0	84.0	86.0	85.0	
	1500		132	415	31	1760	77.0	80.0	84.0	84.0	86.0	86.0	

Standard Motor Service Factor is 1.1.



Submersible Motors and Pumps Cross Sectional Drawings

Byron Jackson
Dimensions and Weights
4-Pole Submersible Motors
1800 RPM - 3 Phase - 60 Cycle



						 		utside Of					
Motor Size	Horse- power	Voltage	Standard Flat Cable Size (AWG)	Down Thrust Capacity At Pump Shutoff (ft-lbs)		Outside Diameter of Stator (Inches)	Side Opposite Terminal Box (Inches)	Terminal Box Side (Inches)	Overall Width of Motor (B+C) (Inches)	Length of Motor (Inches)	Shaft Extension (Inches)	Shipping Weight of Motor (Pounds)	Horse- power
		·		UP	DOWN	A	В	С	Ď	E	F		
8	20	460	#2	2,400	4,000	7.050	0.005	4.40=		67.50		660	20
"	30	400	# 2	2,400	4,900	7.250	3.625	4.125	7.750	67.50 67.50	5.688	660	25
	40									68.75		660 1540	30
	50									68.75		1540	40 50
10	60	460	#2	4,900	7,200	9.250	4.625	5.125	9.750	79.75	6.625	1785	60
	75									79.75		1785	75
<u></u>	,100									83.25		1850	100
	125									99.75		1950	125
1	150 175	460	# 1/0	7,200	10,800	11.000	5.500	6.125	11.625	99.75	7.813	1950	150
}	200									103.75		2050	175
12	125									105.75 99.75		2050 1950	200
ļ	150	0000								99.75		1950	125 150
	175	2300	#4	7,200	10,800	11.000	5.500	6.125	11.625	103.75	7.813	2050	175
	200									105.75		2050	200
	125		# 1/0				6.375	7.188	13.562	96.50	7.813	2470	125
]	150	460		10,800	16,700					100.50		2570	150
'	200					12.750				108.50		2800	200
l	250				•					121.50		3100	250
14	300 125	-								121.50		3100	300
I	150									100.50		2570	125
	200	2300	#4	10,800	16,700	12.750	6.375	7.188	13.562	108.50 117.50	7.813	2800 3000	150
	250			,	,		0.010	7.100	10.002	121.50	7.013	3100	200 250
1	300									121.50		3100	300
	300									106.50		3470	300
	350									114.00		3740	350
1	400									122.00		4030	400
1	450	2300	#4	10,800	16,700	15.000	7.500	8.625	16.125	129,50	8.875	4300	450
	500 600					*		,		133.50		4450	500
1	700									146.00		4900	600
17	300									195.25		6400	700
	350							,		106.50 114.00		3470 3740	300
	400									122.00		4030	350 400
	450	4000	#2	10,800	16,700	15.000	7.500	8.625	16.125	129.50	8.875	4300	450
	500			-						133.50		4450	500
	600	!						,		146.00		4900	600
	700									195.25		6400	700
	600	İ								134.50		5000	600
	800	4000	44.0	44.000	20.000	00.040	40.555	44.555	***	144.50	_	5500	800
	1000 1250	4000	# 1/0	14,000	28,000	20.000	10.000	11.000	21.000	156.00	9.5	6520	1000
]	1500									167.00		8800	1250
21	600				-		f -			180,00 134,50		10000	1500
1	800						·			144.50		5000 5500	600 800
]	1000	6600	Special	14,000	28,000	20.000	10.000	11.000	21.000	156.00	9.5	6520	1000
	1250		·	•		-		,,,,		167.00		8800	1250
1	1500						*			180.00	1	10000	1500

Flat cables must be submerged during operation on all motors.



SUBMERSIBLE PUMP 5000V MV-90

XLP Power Cable, Non-Shielded

INSULATION: (XLPE) CROSS-LINKED POLYETHYLENE

JACKET: Overall PVC Sunlight Resistant Black

CONDUCTORS: MV-90 rated 90°C Wet or Dry 2400 Volts (5000V+) per UL 1072

SIZES: 6 AWG - 350 MCM



1.1 For use primarily in raceways and cable trays in industrial applications as specified by the National Electric Code. These cables are cabable of continuous operation at a maximum conductor temperature of 90°C for normal operation. Cables are rated 2,400 volts and 90°C in wet or dry locations.

2.0 CONSTRUCTION:

2.1 Conductor:

Class B, Compact, Concentric Stranded Bare Copper per ASTM B3 & B496

2.2 Conductor Shield:

The conductor shall be shielded with an extruded semi-conducting, thermosetting polymeric layer over the conductor, applied in tandem with and firmly bonded to the insulation

2.3 Insulation:
Cross-Linked Polyethylene (XLP)

2.4 Ground:

PVC/Nylon (THHN/THWN) per UL 83; Stranding per ASTM B3, B787 (19-Strand Combination Unilay)

2.5 Assembly:

The insulated conductors and ground are cabled together with non-wicking fillers. A binder tape is helically applied over the cabled assembly. An overall PVC jacket is extruded over the binder tape.



Jacket:
Black, Sunlight Resistant Polyvinyl
Chloride (PVC)

2.7 Surface Print:

PAIGE PUMP CABLE P7311A-SP (UL) E66602 4/0 AWG CMPCT CU 3/C XLP 2400V NON-SHIELDED 90C WET OR DRY 3 AWG GRN GND MV-90 SUN RES --- 5000V ICEA [YEAR] [SEQ. FTG. MARKS]

3.0 STANDARDS:

3.1 UL 1072 - Type MV-90 Power Cables

3.2 ICEA S-96-659 (NEMA WC 71)
- Non-Shielded Cables rated
2001-5000 Volts for use in the
Distribution of Electrical Energy*

DIMENSIONS: 4.0

PAIGE PART #	CONDUCTOR			INSULATION GROUND WIRE THICKNESS		D WIRE	Overall Jacket Thickness	Overall Size AWG or Nom.	Nom. Weight (Lbs/Mft)	Ampacity
	Size AWG or Nom. OD KCMIL	No. of Strands	Nominal O.D.	mils	Size - Strand (AWG)	PVC/ Nylon		OD .		
070690	6	7	169	90	6-19	30/5	80	1022	705	75
070700	4	7	213	90	6-19	30/5	80	1117	894	97
070705	2	7	268	90	6-19	30/5	80	1236	1184	130
070710	1	19	299	90	4-19	40/6	80	1303	1254	155
070715	1/0	19	336	90	4-19	40/6	80	1383	1676	180
070720	2/0	19	376	90	4-19	40/6	80	1469	2002	205
070730	4/0	19	475	90	3-19	40/6	110	1743	2934	280
070745	350	37	616	90	2-19	40/6	110	2063	4536	385

All dimensions are nominal and subject to normal manufacturing tolerances. Unit of Measure is mils unless noted otherwise. Ampacity of an Insulated Triplexed or Three Single-Conductor Copper Cables in Isolated Conduit in Air Based on Conductor Temperatures of 90°C and 105°C and Ambient Air Temperature of 40°C per 2011 NEC Table 310.60(C)(73)