MAIL BIDS TO:
CITY OF FULTON
C/O Courtney Crowson, City Clerk
P.O. BOX 130
FULTON, MO 65251-0130

HAND DELIVER TO City Clerks Office: 18 EAST 4TH STREET
EXPRESS LETTER DELIVERIES ADDRESS TO
18 EAST 4TH STREET FULTON MO 65251 C/O Courtney Crowson

Purchasing Agent: Jason A. Harris

RECEIVED FROM:

DESCRIPTION:
Prospective bidders are hereby invited to submit their proposal for the Submersible Well Pump and Piping in WELL 4 located at the City of Fulton MO. (Please see specifications for submitting proposal information Beginning on page2)

(Please read and follow directions and request for bidder information beginning on page 7)

(Please see specifications for work to be done and submit pricing on page 13)

Additional information (Curve Charts and Technical data can be found beginning on page 15)

For questions about the project
Or to schedule a site visit
Please contact Dave Martin
Water Dept. Supervisor for the City of Fulton Cell 573-220-2321
Email
water@fultonmo.org

For Questions about the bid process
Contact Jason Harris 573-592-3141
Email
fpagent@fultonmo.org

Requested delivery is ________ days ARO, Bidders State Best Delivery Date:

BID MUST BE SIGNED TO BE VALID

The bidder hereby agrees to furnish and/or service, at the price quoted pursuant to all requirements and specifications contained in this document, upon the receipt of an authorized purchase order from the purchaser, or when this document is countersigned by the Purchasing Department as a binding contract. The bidder further agrees that the language of this document shall govern in the event of a conflict with his or her bid.

COMPANY NAME
AUTHORIZED SIGNATURE: ____________________ TITLE: ____________________
PHONE NUMBER: ____________________ Print: ____________________ DATE: ____________________
Fax: ____________________ FEDERAL ID OR SSN: ____________________

NOTICE OF AWARD: (City use only) CONTRACT NO. C -

ACCEPTED AS TO ITEMS:

Purchasing Agent ____________________ Director of Administration ____________________ Date ____________________

COF MB P-2 (Revised 01/28/04)
SPECIAL INSTRUCTIONS TO BIDDERS

1 Bidder's Contract:

All questions regarding technical specifications, process, etc., must be directed to the contact indicated on the first page of this IFP.

Bidders may not contact the employees of the using agency concerning this procurement while the bid and evaluation are in process.

2 Clarification of Requirements:

It is the intent and purpose of the City of Fulton that this request permits competitive bidding. It shall be the bidder's responsibility to advise the Purchasing Department, at the address noted on page one of this IFB, if any language, requirements, etc., or any combinations thereof, inadvertently restricts or limits the requirements stated in this IFP to a single source. Such notification must be submitted in writing and must be received by the Purchasing Department not later than five (5) days prior to bid closing date. A review of such notifications will be made.

3 Submission of Bids:

3.1 Bids must be priced, signed and returned (with all necessary attachments) to the office of the City Clerk by the closing date and time specified.

All bid envelopes must be marked in the lower left hand corner with the bid number and the due date and time.

Mail to: City of Fulton

3.2 Attn. Courtney Crowson, City Clerk
P.O. Box 130
Fulton, Missouri 65251

3.3 Hand Deliver to: 18 E. 4th. Street, Fulton, Missouri 65251
Express Mail and Overnight Envelopes address to City of Fulton 18 E. 4th. Street, Fulton, Missouri 65251
Attn. Courtney Crowson, City Clerk

3.4 The bidder must respond to this IFB by submitting all data required herein in order for this bid to be evaluated and considered for award.

3.5 To facilitate evaluation of the bids, it is highly desirable that the bids be organized to respond to each paragraph of the IFB.
4 **Bid Evaluation/Contract Award:**

4.1 Any contract resulting from this request shall be awarded in response to a bid providing the lowest and best bid to the City of Fulton.

4.2 Any award of a contract resulting from this invitation will be made by written notification from the Purchasing Department.

4.3 Bidders may submit preprinted marketing materials with their bids, however, the bidder is advised that such brochures normally do not address the needs of evaluation with respect to the technical evaluation process and the specific responses which have been requested of the bidder. The bidder is strongly discouraged from relying on such materials in presenting products and services for consideration by the city.

4.4 General description of products and services: The bidder should present in detail all products and services proposed in this response to the invitation. It is the bidder's responsibility to make sure all products proposed are adequately described. It should not be assumed that the Purchasing Agent has specific knowledge of the products proposed, but that the Purchasing agent does have sufficient technical background to conduct an evaluation when presented complete information.

5 **Contract Period:**

The original contract period shall be as stated in the Request for Proposal (RFP). The contract shall not bind, nor purport to bind, the City for any contractual commitment in excess of the original contract period.

6 **Contract Price:**

All prices shall be as indicated in this document. The city shall not pay nor be liable for any costs except those specifically identified on the pricing page. This includes but not limited to all packing, handling and shipping charges.

7 **Applicable State Laws and Encumbrances:**

The contract shall be construed according to the laws of the State of Missouri. The contractor shall comply with all local, state, and federal laws and regulations related to the performance of the contract to the extent that the same may be applicable. Failure, to familiarize himself/herself with applicable laws in no ways relieve him/her from responsibility.
8 Cancellation for Breach:

The City of Fulton may cancel the contract at any time for material breach of contractual obligations by providing the contractor with a written notice of such cancellation. Prior to issuing such a notice, the City of Fulton will, if appropriate, provide the contractor with an opportunity to cure the breach within a reasonable period of time. Should the City of Fulton exercise its right to cancel the contract for such reasons, the cancellation shall become effective on the date as specified in the notice of cancellation sent to the contractor.

9 Contract Documents:

9.1 The contract between the City of Fulton and the submitter shall consist of (1) the Request for Bid (RFB), and any amendments thereto, and (2) the submitter's response to the Request for Bid.

9.2 The city reserves the right to clarify any contractual relationship in writing with the concurrence of the submitter, and such written clarification shall govern in case of conflict with the applicable requirements stated in the RFP or the submitter's response. In all other matters not affected by written clarification, if any, the RFP shall govern.

9.3 To the extent that a provision of the contract is contrary to the Constitution, Ordinances or Laws of the City of Fulton or of the United States, the provision shall be void and unenforceable. However, the balance of the contract shall remain in force between the parties unless terminated by consent of both the submitter and the City of Fulton.

10 Amendments to Contract:

No modification of any provision in the contract shall be made or construed to have been made unless such modification is mutually agreed to in writing by the contractor and the City and incorporated in a written amendment to the contract approved by the City prior to the effective date of such modification.

11 Assignments:

11.1 The submitter shall not transfer any interest in the contract, whether by assignment or otherwise, without the prior written consent from the City of Fulton.

11.2 The submitter shall agree and understand that, in the event the City of Fulton consents to a financial assignment of the contract in whole or in part to a third party, any payments made by the City of Fulton pursuant to the contract, including all of those payments assigned to the third party, shall be contingent upon the performance of the prime contractor in accordance with all terms, conditions, and provisions of the contract.
12 Liabilities, Rights and Remedies:

12.1 The submitter shall agree that the City of Fulton shall not be held responsible for any liability incurred by the submitter or his/her employees arising out of the ownership, selection, possession, leasing, rental, operation, control, use, maintenance, delivery, return, and/or installation of equipment provided by the submitter, except as otherwise provided in the contract.

12.2 No provision in this document or in the submitter’s response shall be construed expressly or impliedly, as a waiver by the City of Fulton of any existing or future right and/or remedy available by law in the event of any claim of default or breach of contract made by the submitter.

12.3 The submitter shall be responsible for any and all injury or damage as a result of the submitter’s negligence involving any equipment or service provided under the terms and conditions of the contract. In addition to the liability imposed upon the submitter on account of personal injury, bodily injury (including death), or property damage suffered as a result of the submitter’s negligence, the submitter assumes the obligation to save the City of Fulton, including its agencies, employees, and assigns, from every expense, liability, or payment arising out of such negligent act. The submitter also agrees to hold the City of Fulton, including its agencies, employees, and assigns, harmless for any negligent act or omission committed by any subcontractor or other person employed by or under the supervision of the submitter under the terms of the contract.

12.4 However, the submitter shall not be responsible for any injury or damage occurring as a result of any negligent act or omission committed by the City of Fulton, including its agencies, employees, and assigns.

12.5 The submitter agrees and understands that the contract shall constitute an assignment by the submitter to the City of Fulton of all rights, title and interest in and to all causes of action that the submitter may have under the antitrust laws of the United States or the State of Missouri for which causes of action have accrued or will accrue as the result of or in relation to the particular goods or services purchased or procured by the submitter in the fulfillment of the contract with the City of Fulton.
CITY OF FULTON
WELL #4

The objective of this Request For Proposal (RFP) is to award a contract to provide comprehensive services to install new submersible pumping equipment, related mechanical piping, and electrical modifications for the overhaul of Well #4 as presented on tabulation sheet.

By submitting a Proposal in response to this solicitation, the Bidder agrees to all Terms, Conditions, and to the Specifications contained herein. The deadline for submitting a Proposal is as represented. Each Bidder, by making their Proposal, represents that all materials and labor are included as required in the Proposal Documents without exception. Prior to submitting a Proposal, it is recommended to the Bidder to schedule a site visit to perform an inspection of the conditions thereof.

QUALIFICATION OF BIDDER

1. The Bidder of this project shall prove their ability to perform the services mentioned. This in an integral portion of this project.

   a. The Bidder’s qualifications should include, but are not limited to:
      * Having at least 10 years experience in all aspects of submersible pump installation.
      * Having available, qualified, and licensed personnel. (Provide list of personnel)
      * Conducting business in a legal and reliable manner with no past legal disputes.
      * Having adequate equipment to perform the work. (Provide list of equipment)
      * Conducting a safety program, including OSHA 10 requirements.

REFERENCES

1. The Bidder shall submit with the Proposal, at least 5 references for services provided for 150 hp or larger submersible pump installations within the last 3 years. The name, address, contact person, and phone number must be provided. The City maintains the right to contact references and reserves the unilateral right to reject any Proposal for which an unacceptable reference is identified.

PROPOSAL EVALUATION CRITERIA

1. The objective of this solicitation is to obtain the services of the best qualified Bidder at the "best value".

   a. Award will be based on the following criteria listed:
      * Qualifications
      * Cost
      * References
      * Proposal Format as Prepared
      * Additional Benefits Offered
Attachment 1: Bid Submission Form

Bidders must provide the following information:

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Missouri State Contractor's license</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Address</th>
<th>Signed</th>
<th>Dated</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<table>
<thead>
<tr>
<th>Telephone</th>
<th>Printed name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Facsimile</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>E-Mail</th>
<th>Bidder's Federal ID Number</th>
</tr>
</thead>
</table>
Attachment 2: Bidder’s Qualifications

1. How many years experience does your company have in this type of work?
   a. Less than 5 years.
   b. 5-15 years
   c. 15-30 years
   d. More than 30 years

2. Has your organization or any of its officers, directors, or owners had a judgment entered against them within the past 10 years for the breach of contracts for governmental or non-governmental construction?
   a. Yes
   b. No

   If Yes, give complete circumstances for each occurrence on a separate sheet of paper. Attachment No.__________

3. Have any of your officers, directors, General Managers, procurement managers, or chief financial officers been convicted, within the past 10 years, of a crime related to governmental or non-governmental construction?
   a. Yes
   b. No

   If Yes, give complete circumstances for each occurrence on a separate sheet of paper. Attachment No.__________

4. Has your organization ever failed to complete a construction contract with a public body?
   a. Yes
   b. No

   If Yes, give complete circumstances for each occurrence on a separate sheet of paper. Attachment No.__________

5. Is your organization or any of your officers, directors, or owners currently debarred by any municipality, county, state, or federal agency?
   a. Yes
   b. No
If Yes, give complete circumstances for each occurrence on a separate sheet of paper. Attachment No.__________

6. Has your organization ever been a party in any litigation of any type of work for which your organization was contracted by any municipality, county, state, or federal agency?
   a. Yes
   b. No

   If Yes, give complete circumstances for each occurrence on a separate sheet of paper. Attachment No.__________

7. Which of the following services does your organization provide?
   a. Installation or repair of piping from ½" to 12".
   b. Installation or repair of valves, fittings, pumps, and motors.
   c. Installation or repair of motor control systems and motor starters.
   d. Design and installation of Chlorine fed systems.
   e. Field verification of flow meter accuracy.

8. Can your organization respond to emergency repair requests within 24 hours?
   a. Yes
   b. No

9. Does your organization conduct a regular safety program that includes confined space, hazardous energy, and other OSHA safety requirements?
   a. Yes
   b. No

10. Provide 5 references (on Attachment 3 of the RFP) that your organization has successfully provided design/build, or other mechanical services as described in this solicitation within the past 12 months?
Attachment 3: References

Reference 1: Name

Address: ______________________________

Contact Person: __________________________

Telephone: ___________________________

Fax: _________________________________

Email: ________________________________

Description of Work: ____________________

Reference 2: Name

Address: ______________________________

Contact Person: __________________________

Telephone: ___________________________

Fax: _________________________________

Email: ________________________________

Description of Work: ____________________

Reference 3: Name

Address: ______________________________

Contact Person: __________________________

Telephone: ___________________________

Fax: _________________________________

Email: ________________________________
Attachment 3: References (continued)

Description of Work:

________________________________________

________________________________________

Reference 4: Name
Address:
Contact Person:
Telephone:
Fax:
Email:
Description of Work:

________________________________________

________________________________________

Reference 5: Name
Address:
Contact Person:
Telephone:
Fax:
Email:
Description of Work:

________________________________________

Attachment #4

Attach a list with your bid of similar jobs done in Missouri within the past 5 Years.
SPECIFICATION AND BID PRICING SHEET

The pump specified is similar to an existing pump being used in a different well. The City would like to stay with the same brand if possible.

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mobilization &amp; De-mobilization</td>
<td>$</td>
</tr>
<tr>
<td>2</td>
<td>110OS1500-4A S/S Grundfos Pump End &amp; S/S Discharge Nipple</td>
<td>$</td>
</tr>
<tr>
<td>3</td>
<td>175hp 460v 3ph 8” Franklin Motor</td>
<td>$</td>
</tr>
<tr>
<td>4</td>
<td>462’ of 8” Galvanized Domestic A53 Grade B Drop Pipe w/R&amp;D Couplings</td>
<td>$</td>
</tr>
<tr>
<td>5</td>
<td>480’ of 350MCM 75 Degree Flat Jacketed Cable With Ground</td>
<td>$</td>
</tr>
<tr>
<td>6</td>
<td>Two - 8” S/S Flomatic Check Valves w/BO &amp; S/S Nipples 1/0</td>
<td>$</td>
</tr>
<tr>
<td>7</td>
<td>464’ of ¼” Heavy Duty Dual Poly Airlines</td>
<td>$</td>
</tr>
<tr>
<td>8</td>
<td>Setting Material Complete (S/S Banding, Splice, Tape, Chlorination</td>
<td>$</td>
</tr>
<tr>
<td>9</td>
<td>Fabricate Custom Discharge Head With S/S Discharge Piping &amp; Fittings To Tie Onto Owners Existing Discharge Line</td>
<td>$</td>
</tr>
<tr>
<td>10</td>
<td>Symcom 777 Motor Saver, CTs, &amp; Strikesorb Surge Protection</td>
<td>$</td>
</tr>
<tr>
<td>11</td>
<td>10” Flomatic Silent Globe Check With Related Fittings For Replacement</td>
<td>$</td>
</tr>
<tr>
<td>12</td>
<td>Labor To Install &amp; Perform One Hour Pump Test Complete</td>
<td>$</td>
</tr>
</tbody>
</table>

ADDITIONAL REQUIREMENTS

AR1  *Bidder Must Provide A (2) Two Year Pump Warranty
AR2  *Bidder Must Provide A (1) One Year Motor & Symcom Motor Saver Warranty
AR3  *Bidder Must Provide A (1) One Year Parts & Labor Warranty
AR4  *No Substitutions/Alternate Pumping Equipment Allowed

TOTAL PROPOSED COST $
NOTICE

The City of Fulton is soliciting bids as follows:

Copies may be obtained from the office of the Purchasing Agent
1303 Westminster, Fulton, Mo 65251,
(573)592-3141.

BID NUMBER       DESCRIPTION
B200202          REPLACEMENT OF SUBMERSIBLE PUMP & PIPING -WELL #4 Fulton MO

CLOSING DATE       TIME
Wednesday 2 / 26 /2020      3 PM

Please run the above ad Sunday 2/9/2020

Bill to: City of Fulton
P.O. Box 130
Fulton, Missouri 65251

Please send affidavit of publication and verification copy with invoice.

Sent by: Jason A. Harris Purchasing Agent 573-592-3141
fpgagent@fultonmo.org
10" and larger wells - continued
SP 1100S (1100 gpm)

1100S
50 Hz, SF 1.15
ISO 9906 Annex A

Curve charts and technical data
10" and larger wells - continued

SP 1100S (1100 gpm) pump power requirement (P2)

---

Curve charts and technical data

1100S
60 Hz, SF 1.15
ISO 9006 Annex A

-6 (250 hp)
-5.5-A (250 hp)
-6-AA (250 hp)
-5.5 (200 hp)
-5-A (175 hp)
-5-AA (175 hp)
-4.5 (150 hp)
-4-A (150 hp)
-4-AA (150 hp)

---

Q [US GPM]
0 200 400 600 800 1000 1200 1400 1600

Q [m³/h]
0 50 100 150 200 250 300

P2 [kW]
0 200 260 280

P2 [hp]
0 120 140 160 180 200 220 240...
# 10" and larger wells - continued

**SP 1100S (1100 gpm) / 6, 8, 10 inch motors**

<table>
<thead>
<tr>
<th>Pump model</th>
<th>Nom. head [ft]</th>
<th>Ph</th>
<th>Volts [V]</th>
<th>Motor [hp]</th>
<th>A [in. (mm)]</th>
<th>B [in. (mm)]</th>
<th>C [in. (mm)]</th>
<th>D [in. (mm)]</th>
<th>E [in. (mm)]</th>
<th>Net weight (complete) [lb]</th>
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<tbody>
<tr>
<td>1100S300-1A</td>
<td>57</td>
<td>3</td>
<td>230 30</td>
<td>▲ 66.66 (1693)</td>
<td>35.56 (903)</td>
<td>31.11 (790)</td>
<td>5.63 (143)</td>
<td>9.30 (236)</td>
<td>291.0</td>
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<tr>
<td>1100S400-4</td>
<td>108</td>
<td>3</td>
<td>460 40</td>
<td>▲ 71.38 (1813)</td>
<td>40.28 (1023)</td>
<td>31.11 (790)</td>
<td>5.63 (143)</td>
<td>9.30 (236)</td>
<td>296.6</td>
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</tr>
<tr>
<td>1100S600-2AA</td>
<td>155</td>
<td>3</td>
<td>460 60</td>
<td>▲ 38.04 (966)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>9.30 (236)</td>
</tr>
</tbody>
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**1100S - Motor dia. 6 inch, 60 Hz, rated flow 1100 gpm (6" NPT)**

<table>
<thead>
<tr>
<th>Pump model</th>
<th>Nom. head [ft]</th>
<th>Ph</th>
<th>Volts [V]</th>
<th>Motor [hp]</th>
<th>A [in. (mm)]</th>
<th>B [in. (mm)]</th>
<th>C [in. (mm)]</th>
<th>D [in. (mm)]</th>
<th>E [in. (mm)]</th>
<th>Net weight (complete) [lb]</th>
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<tr>
<td>1100S400-4</td>
<td>108</td>
<td>3</td>
<td>460 40</td>
<td>▲ 74.81 (1900)</td>
<td>43.71 (1110)</td>
<td>31.11 (790)</td>
<td>7.56 (192)</td>
<td>9.41 (239)</td>
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<tr>
<td>1100S600-2AA</td>
<td>155</td>
<td>3</td>
<td>460 60</td>
<td>▲ 91.19 (2316)</td>
<td>53.15 (1350)</td>
<td>38.04 (966)</td>
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<td>197</td>
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<td>62.60 (1590)</td>
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<td>227</td>
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<td>460 100</td>
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<td>286</td>
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<td>460 100</td>
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<td>72.55 (1830)</td>
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<td>72.55 (1830)</td>
<td>44.97 (1142)</td>
<td>7.56 (192)</td>
<td>9.41 (239)</td>
<td>757.1</td>
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<td>1100S1250-3</td>
<td>340</td>
<td>3</td>
<td>460 125</td>
<td>▲ 117.01 (2972)</td>
<td>72.55 (1830)</td>
<td>44.97 (1142)</td>
<td>7.56 (192)</td>
<td>9.41 (239)</td>
<td>757.1</td>
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<td>405</td>
<td>3</td>
<td>460 150</td>
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<td>81.11 (2060)</td>
<td>51.89 (1318)</td>
<td>7.56 (192)</td>
<td>9.41 (239)</td>
<td>889.1</td>
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<tr>
<td>1100S1500-4A</td>
<td>435</td>
<td>3</td>
<td>460 150</td>
<td>▲ 133.00 (3378)</td>
<td>81.11 (2060)</td>
<td>51.89 (1318)</td>
<td>7.56 (192)</td>
<td>9.41 (239)</td>
<td>889.1</td>
<td></td>
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</table>

**1100S - Motor dia. 8 inch, 60 Hz, rated flow 1100 gpm (6" NPT)**

<table>
<thead>
<tr>
<th>Pump model</th>
<th>Nom. head [ft]</th>
<th>Ph</th>
<th>Volts [V]</th>
<th>Motor [hp]</th>
<th>A [in. (mm)]</th>
<th>B [in. (mm)]</th>
<th>C [in. (mm)]</th>
<th>D [in. (mm)]</th>
<th>E [in. (mm)]</th>
<th>Net weight (complete) [lb]</th>
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<td>524</td>
<td>3</td>
<td>460 175</td>
<td>▲ 132.45 (3364)</td>
<td>73.83 (1870)</td>
<td>58.82 (1494)</td>
<td>9.34 (237)</td>
<td>9.85 (250)</td>
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<td>554</td>
<td>3</td>
<td>460 175</td>
<td>▲ 132.45 (3364)</td>
<td>73.83 (1870)</td>
<td>58.82 (1494)</td>
<td>9.34 (237)</td>
<td>9.85 (250)</td>
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<td>460 200</td>
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<td>9.34 (237)</td>
<td>9.85 (250)</td>
<td>1483.2</td>
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</tbody>
</table>

Notes:
- Control box is required for 3-wire, single-phase applications. Data does not include control box.
- Performance conforms to ISO 9906: 1999 (E) Annex A. Minimum submergence is 2 feet.
- MS 600DC motor.
- Takes MMS 8000 motor; not available as complete.
- Takes MMS 10000 motor; not available as complete.
**8" ENCAPSULATED SUBMERSIBLE MOTORS**

40 through 200 horsepower  
Three phase 380 to 575 volts  
60 and 50 hertz

**APPLICATION DATA**

These motors are built for dependable operation in 8" diameter or larger water wells. Temperature and time rating continuous in 86°F (30°C) water at 1/2 ft./sec. flow past motor. Rotation is electrically reversible.

**SPECIAL OPTIONS**

- **#316 Stainless Steel Construction**  
  For saltwater, leach mining and reverse osmosis, also low pH and other chemical pumping applications.

- **Worldwide Adaptability**  
  All standard voltage and hertz ratings are offered. Consult factory for availability. Three lead configuration suitable for reduced voltage auto-transformer starting.

- **Silicon Carbide Rotating Face Seal**  
  For applications with sand or other abrasives.

**BASIC FEATURES**

- Double Flange Design
- Stainless Steel Splined Shaft
- Hermetically-Sealed Windings
- Anti-Track Self-Healing Resin System
- Stainless Steel Shell
- Epoxy Coated End Frames
- Filter Check Valve
- Kingsbury-type Water Lubricated Thrust Bearing
- Pressure Equalizing Diaphragm
- 3-Lead & 6-Lead (Wye-Delta) Configurations
- Motor Pre-Filled
- Sand Fighter Slinger
- Removable "Water-Bloc" Lead
- Copper Bar Rotor
- Carbon-Ceramic Rotating Face Seal
- Equipped with a Subtrol-Plus® heat sensor (40-150 Hp)

**SUBTROL-PLUS® OPTION**

A field proven and contractor friendly premium motor protection system. It protects the motor against overload, underload, overheating and rapid cycling. It also extends the motor warranty. Motor must be manufactured with a Subtrol-Plus® heat sensor.
8" ENCAPSULATED SUBMERSIBLE MOTORS

DIMENSIONS

CONSTRUCTION MATERIALS

Component | Standard Water Well | Corrosion Resistant (316 S.S.)
--- | --- | ---
1. Castings | Gray Iron | 316 S.S.
2. Stator Shell | 304 S.S. | 316 S.S.
3. Stator Ends | Carbon Steel | 316 S.S.
4. Shaft Extension | 17-4 S.S. | 17-4 S.S.
5. Fasteners | 300 Series S.S. | 316 S.S.
6. Seal Cover | 304 S.S. & Sintered Bronze | Nitrile Carbon Ceramic Face
7. Seal | Nitrile Carbon Ceramic Face | Type 200 Hydrin
8. Diaphragm | Type 200 Hydrin | 316 S.S.
9. Diaphragm Plate | 304 S.S. | 316 S.S.
10. Diaphragm Spring | 302 S.S. | Type 100 Hydrin
11. Slinger | Type 100 Hydrin | RH-W
12. Lead Wire (or Cable) | RH-W | 316 S.S.
13. Lead Sleeve | 316 S.S. | 316 S.S.
14. Lead Potting | Epoxy | Epoxy
15. Lead Jam Nut | SAE CA 3660 Brass | 316 S.S.
16. Filter | Delrin & Polyester | 316 S.S.

Note: All dimensions shown in inches unless otherwise noted. Specifications subject to change without notice. Contact F.E. if current material types are required for bid specifications.

Franklin Electric
400 E. Spring Street, Bluffton, Indiana 46714
Tel: 219-824-2900   Fax: 219-824-2909

M1303 9.98