Statement of Work For
John H. Kerr Lake Powerhouse Sump Pumps in Boydton, VA and Philpott Lake Sump Pumps in Bassett, VA

Work Required:

The Contractor shall supply the various pumps as specified below. This contract involves the supply of two new pumps for the sump at John H. Kerr Powerhouse, two new pumps for the John H. Kerr Powerhouse dam sump, and three pumps for the sump at Philpott Powerhouse. The intent is to replace the existing pumps with pumps that perform in the same way as the existing pumps. All the new pumps and motors will be installed by Government personnel. The contractor will just supply Items 1 – 4 as shown below to the John H. Kerr Powerhouse and the Philpott Powerhouse.

Technical Requirements:

The Contractor shall supply and deliver the following pumps, **or equivalent**, for the Items below:

Bid Item 1 – John H. Kerr Powerhouse – Quantity 2 – Flowserve, Model 8EMM-4

Bid Item 2 – John H. Kerr Powerhouse - Quantity 2 – Peerless Pump with motor, Model 8HXB, or equivalent

Bid Item 3 – Philpott Powerhouse - Quantity 2 – American Marsh Pump with motor, Model 8KC, or equivalent

Bid Item 4 – Philpott Powerhouse - Quantity 1 - American Marsh Pump with motor, Model 10YC, or equivalent

Bid Item 1

John H. Kerr Powerhouse Sump Pump – Quantity 2 Pumps

The two pumps with motors will be replaced, and they are identical. An equivalent pump and motor with a different manufacturer may be provided, if it is equivalent to the existing pump and motor. The existing pump information is listed below for both pumps, and additional information is shown in Appendix A. The Contractor shall verify that the submitted pump is equivalent to the existing pumps.

The Contractor must submit the new pump and motor for approval, before they are ordered. If the Contractor orders the equipment before they are approved in writing by the Government, the Government will not be responsible if it is not equivalent to the existing pump.

For reference only, the existing pump information is:
Flowserve, Model 8EMM-4
Flow: 300 GPM
Head: 95 Feet
RPM: 1,780
See Appendix A for further details.

Bid Item 2

John H, Kerr Dam Sump – Quantity 2 Pumps

The two pumps with motors will be replaced, and they are identical. An equivalent pump and motor with a different manufacturer may be provided, if it is equivalent to the existing pump and motor. The existing pump information is listed below for both pumps, and additional information is shown in Appendix B. The Contractor shall verify that the submitted pump is equivalent to the existing pumps.

The Contractor must submit the new pump and motor for approval, before they are ordered. If the Contractor orders the equipment before they are approved in writing by the Government, the Government will not be responsible if it is not equivalent to the existing pump.

For reference only, the existing pump information is:
Peerless Pump Company, Model 8HXB
Flow: 345 GPM
Head: 37 Feet
RPM: 1,770
See Appendix B for further details.

Bid Item 3

Philpott Powerhouse 200 GPM Sump – Quantity 2 Pumps

The two pumps with motors will be replaced, and they are identical. An equivalent pump and motor with a different manufacturer may be provided, if it is equivalent to the existing pump and motor. The existing pump information is listed below for both pumps, and additional information is shown in Appendix C. The Contractor shall verify that the submitted pump is equivalent to the existing pumps.

The Contractor must submit the new pump and motor for approval, before they are ordered. If the Contractor orders the equipment before they are approved in writing by the Government, the Government will not be responsible if it is not equivalent to the existing pump.

For reference only, the existing pump information is:
American Marsh Pumps, Model 8KC or equivalent
Flow: 200 GPM
Head: 50 Feet
RPM: 1,760
See Appendix C for further details.

Bid Item 4

Philpott Powerhouse Sump – Quantity 1 Pump

The pump with motor will be replaced. An equivalent pump and motor with a different manufacturer may be provided, if it is equivalent to the existing pump and motor. The existing pump information is listed below, and additional information is shown in Appendix D. The Contractor shall verify that the submitted pump is equivalent to the existing pump.

The Contractor must submit the new pump and motor for approval, before they are ordered. If the Contractor orders the equipment before they are approved in writing by the Government, the Government will not be responsible if it is not equivalent to the existing pump.

For reference only, the existing pump information is:
American Marsh Pump, Model 10YC or equivalent
Flow: 1,000 GPM
Head: 30 Feet
RPM: 1760
See Appendix D for further details.

General Requirements

All equipment supplied shall be submitted for approval and approved before supplied to the Government.

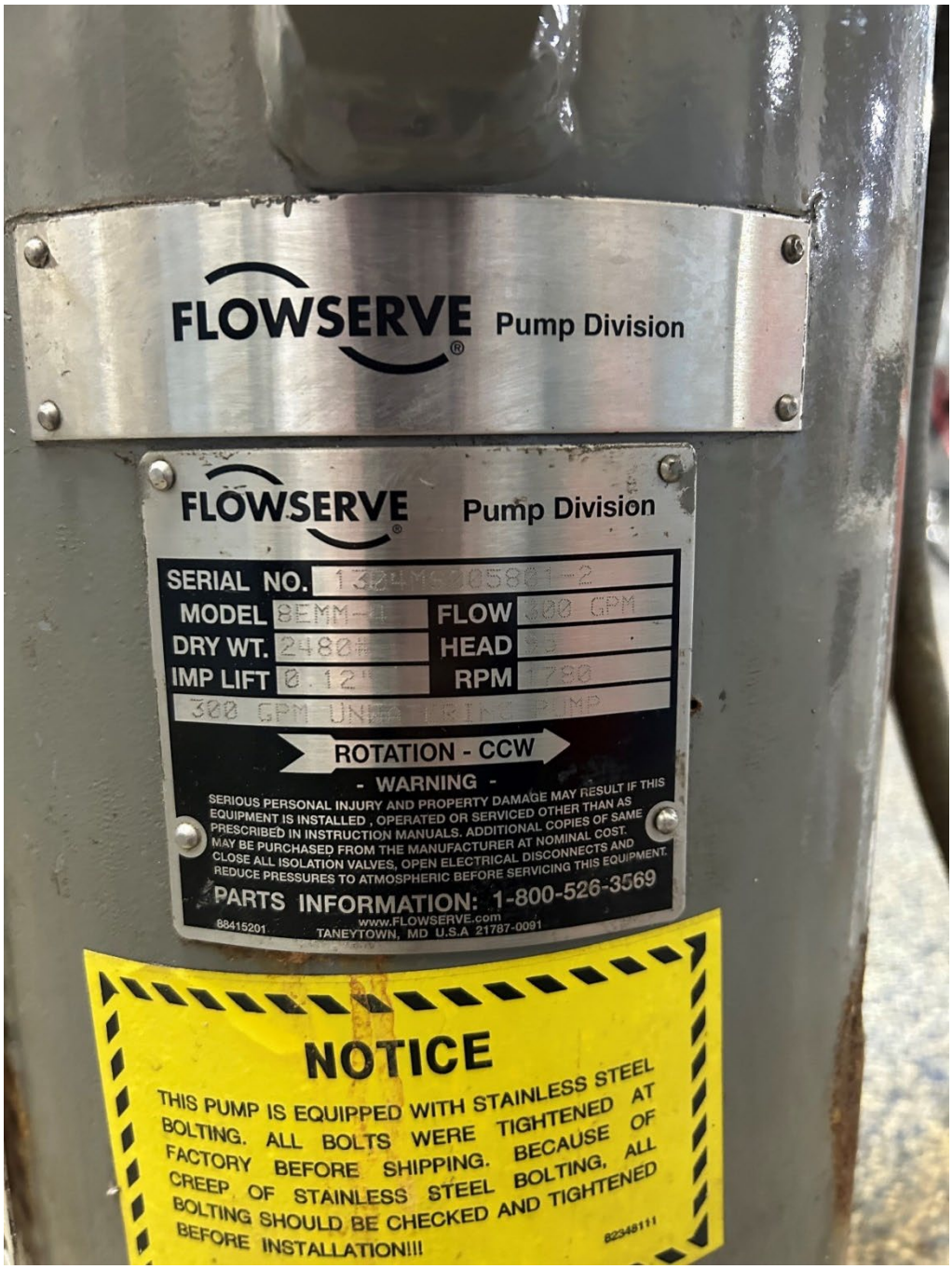
All equipment supplied under contract shall be delivered within 120 days of award.

Any shipping and delivery costs shall be included in this contract. Items 1 and 2 will be delivered to the John H. Kerr Powerhouse and Items 3 and 4 will be delivered to the Philpott Powerhouse. The addresses are shown below. The Contractor shall mail a copy of all invoices to the John H. Kerr Powerhouse and email to Steven.d.jones@usace.army.mil.

John H. Kerr Powerhouse
U.S. Army Corps of Engineers
5460 Buggs Island Road
Boydton, VA 23917

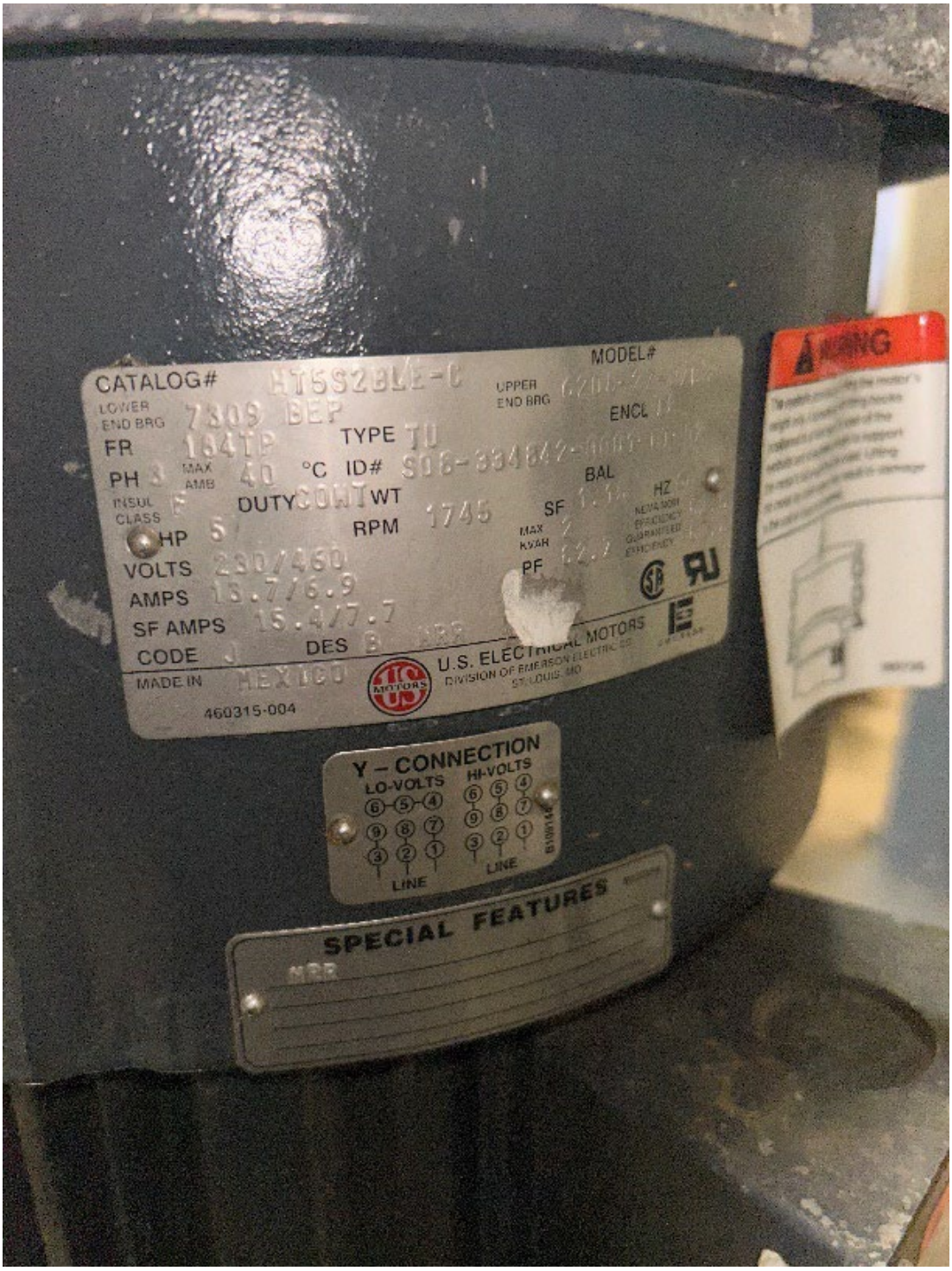
Philpott Powerhouse
U.S. Army Corps of Engineers
810 Dam Spillway Road
Bassett, VA 24055

Appendix A


FLOWSERVE Pump Division
FLOWSERVE Pump Division
SERIAL NO.
MODEL
FLOW
DRY WT.
HEAD
IMP LIFT
RPM
ROTATION - CCW
- WARNING -
SERIOUS PERSONAL INJURY AND PROPERTY DAMAGE MAY RESULT IF THIS EQUIPMENT IS INSTALLED , OPERATED OR SERVICED OTHER THAN AS PRESCRIBED IN INSTRUCTION MANUALS. ADDITIONAL COPIES OF SAME MAY BE PURCHASED FROM THE MANUFACTURER AT NOMINAL COST. CLOSE ALL ISOLATION VALVES, OPEN ELECTRICAL DISCONNECTS AND REDUCE PRESSURES TO ATMOSPHERIC BEFORE SERVICING THIS EQUIPMENT.
PARTS INFORMATION: 1-800-526-3569
www.FLOWSERVE.com
TANEYTOWN, MD U.S.A 21787-0091
88415201
NOTICE
THIS PUMP IS EQUIPPED WITH STAINLESS STEEL BOLTING. ALL BOLTS WERE TIGHTENED AT FACTORY BEFORE SHIPPING. BECAUSE OF CREEP OF STAINLESS STEEL BOLTING, ALL BOLTING SHOULD BE CHECKED AND TIGHTENED BEFORE INSTALLATION!!!
82348111

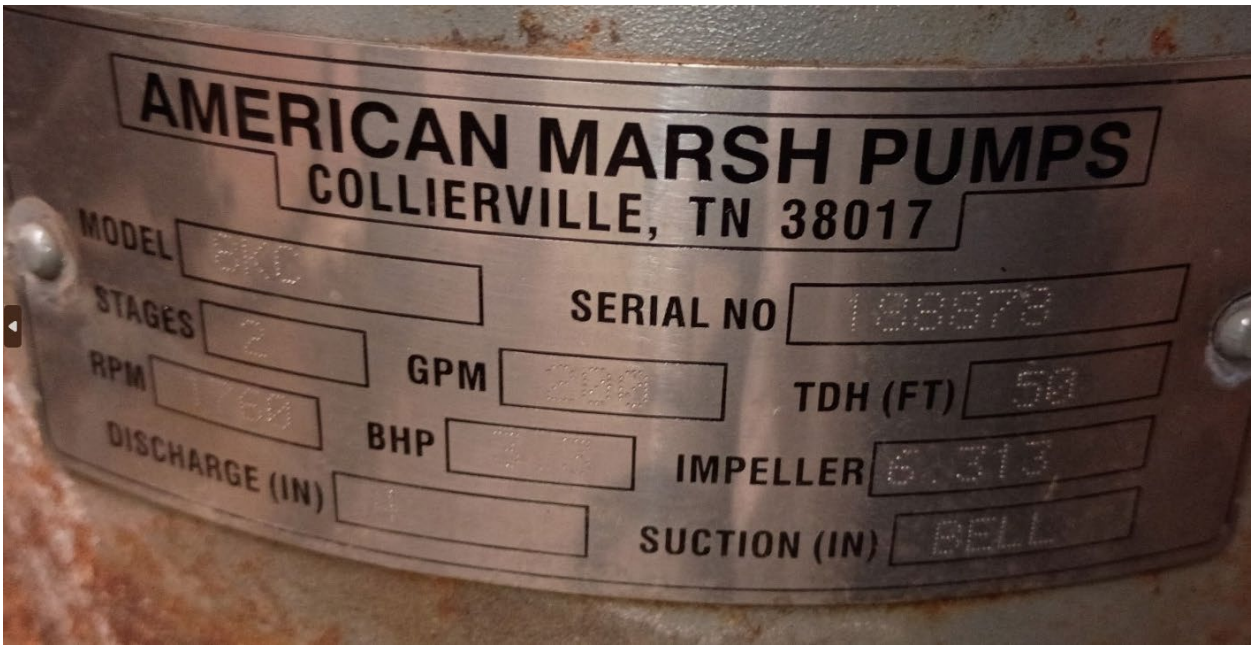
Appendix B

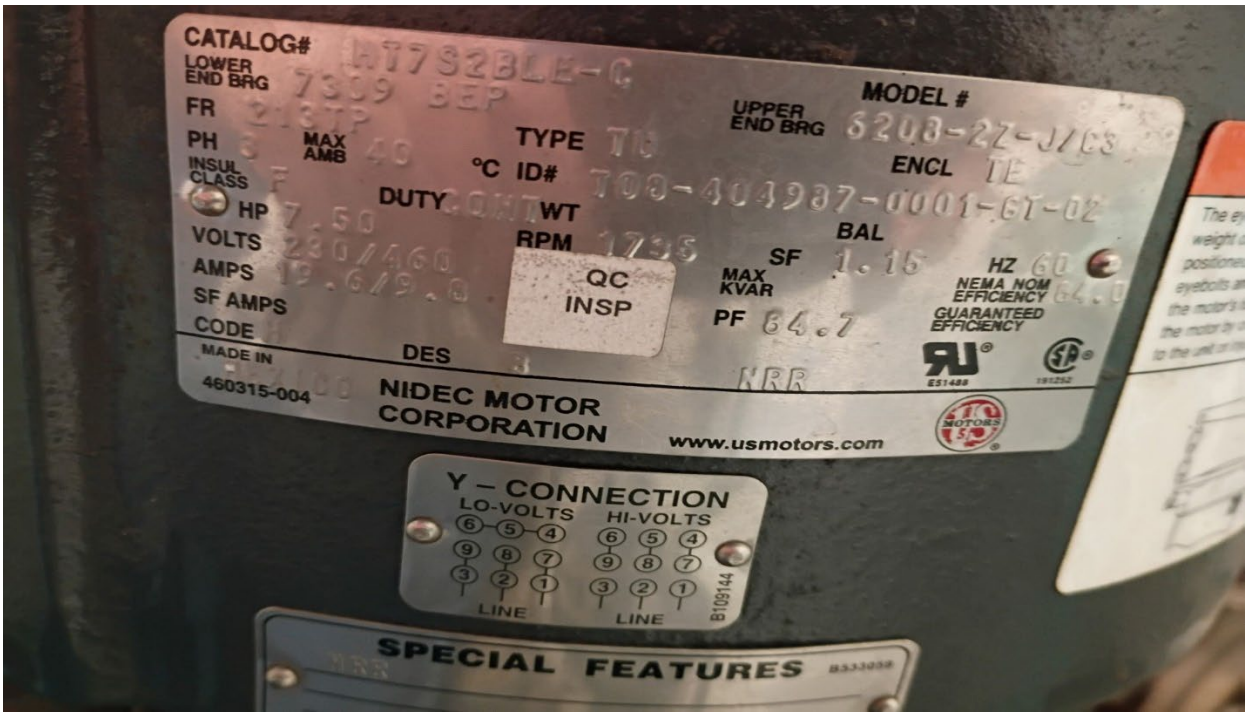
Serial 9927029897-10-A GPM 345
RPM 1770 H-ft 37
Model 8HXB
PEERLESS PUMP
Peerless Pump Company
Indianapolis, IN 46207-7026
Made in USA
2634827


CATALOG#
MODEL#
LOWER END BRG
UPPER END BRG
ENCL
FR
TYPE
PH
MAX AMB
°C
ID#
BAL
INSUL CLASS
DUTY
WT
HZ
RPM
SF
HP
MAX KVAR
VOLTS
PF
AMPS
SF AMPS
CODE
DES
MADE IN
U.S. ELECTRICAL MOTORS
DIVISION OF EMERSON ELECTRIC CO.
ST. LOUIS, MO
460315-004
Y – CONNECTION
LO-VOLTS
HI-VOLTS
LINE
LINE
SPECIAL FEATURES
WARNING

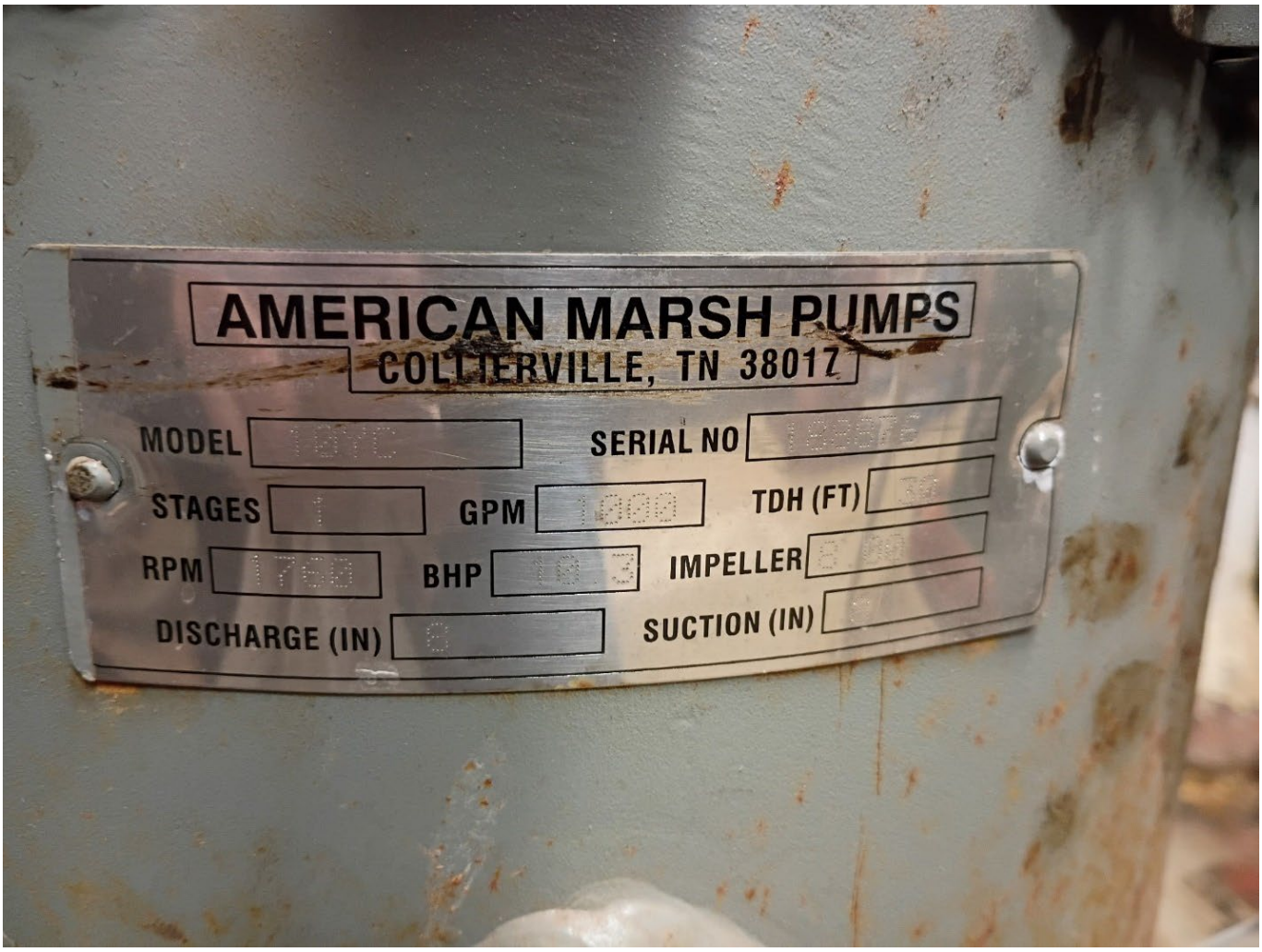
CATALOG#
MODEL#
UPPER END BRG
FR
TYPE
ENCL
PH
°C ID#
DUTY
WT
BAL
HP
RPM
SF
HZ 60
VOLTS
MAX KVAR
NEMA NOM EFFICIENCY
AMPS
PF
GUARANTEED EFFICIENCY
SF AMPS
CODE
DES
MADE IN
U.S. ELECTRICAL MOTORS
DIVISION OF EMERSON ELECTRIC CO.
ST. LOUIS, MO
EMERSON
WARNING
The eyebolts provided are for lifting the motor's weight only. A spreader bar with lifting hooks positioned to at least equal the span of the eyebolts and of sufficient strength to support the motor's full weight must be used. Lifting the motor by other means may result in damage to the unit or injury to personnel.
390735
Y - CONNECTION
LO-VOLTS
HI-VOLTS
LINE
LINE
SPECIAL FEATURES
WARNING

Appendix C


AMERICAN MARSH PUMPS
COLLIERVILLE, TN 38017
MODEL
STAGES
SERIAL NO
RPM
GPM
TDH (FT)
BHP
IMPELLER
DISCHARGE (IN)
SUCTION (IN)


CATALOG#
LOWER END BRG
FR
PH
MAX AMB
INSUL CLASS
HP
VOLTS
AMPS
SF AMPS
CODE
MADE IN
TYPE
ID#
DUTY
WT
RPM
QC INSP
DES
MODEL #
UPPER END BRG
ENCL
BAL
SF
MAX KVAR
PF
HZ
NEMA NOM EFFICIENCY
GUARANTEED EFFICIENCY
NIDEC MOTOR CORPORATION
www.usmotors.com
Y – CONNECTION
LO-VOLTS
HI-VOLTS
LINE
LINE
SPECIAL FEATURES

Appendix D


AMERICAN MARSH PUMPS
COLLIERVILLE, TN 38017
MODEL
SERIAL NO
STAGES
GPM
TDH (FT)
RPM
BHP
IMPELLER
DISCHARGE (IN)
SUCTION (IN)