

Public Notice  
**INVITATION TO BID**  
**Bid Notice # 948**

The City of Springfield will be accepting sealed bids to purchase a 125 HP motor for a raw water pump. Potential bidders can either pick up information packets at the SWWD office at 924 Central Avenue or call the SWWD office at 615-382-1600 and request that a packet be mailed out. Sealed bids must be received in the Office of the City Recorder at City Hall, 405 N. Main Street, Springfield, TN, 37172, no later than 2:00 p.m. on Monday, October 5, 2015, at which time bids will be opened and read aloud. Any bids received after 2:00 p.m. on Monday, October 5, 2015, will be rejected. Bid submittals shall make reference to Bid Notice # 948 on the outside of the sealed envelope and that the bid pertains to purchasing a 125 HP motor for a raw water pump. Any questions can be directed to Trent Morris, Chief Water Treatment Plant Operator, at 615-696-2586 or to Roger Lemasters, Director of the Springfield Water and Wastewater Department, at 615-382-1600. The city reserves the right to reject any and all bids.

Lisa Crockett  
City Recorder

## 125 HP Motor Specifications

September 2015

Bid Number 948

Attached is a copy of the name plate from the motor that is to be replaced. Also attached is a copy of the CERTIFIED MOTOR PERFORMANCE DATA sheet.

The bid price shall include the following:

An estimated delivery date

The motor shall be delivered to the Springfield Water Treatment Plant, at 6213 Smith Road, Cedar Hill, TN 37032

Any freight charges

A representative of the motor manufacturer shall be on-site when the motor is first energized to pump water.

The motor shall be warranted for at least one year after it is placed into operation

Questions can be directed to Trent Morris, Chief Water Treatment Plant Operator at 615-696-2586.



3601 Fairbanks Avenue  
 Kansas City, Kansas 66106  
 913-371-5000 FAX 913-371-2272

## CERTIFIED MOTOR PERFORMANCE DATA

MOTOR MANUFACTURER: U.S. ELECTRICAL MOTORS DATE: 6/12/97

F.M. PURCHASE ORDER #: P399081 F.M. TAG #: 062534

PERFORMANCE DATA BASED ON STANDARD RULES OF:  IEEE  ASA  NEMA

HP	SYNCHRONOUS SPEED (RPM)	FULL LOAD * SPEED (RPM)	FRAME NUMBER	TYPE	ENCLOSURE
125	1800	1779	405VP	RV4	WP-1

\* Full Load Speed Tolerance Per NEMA MG1-12.46 is  $\pm 20\%$  of slip (Slip = Synchronous RPM - Full Load RPM)

PHASE	HERTZ	VOLTS	AMPERES		INSULATION CLASS	MAX. TEMP. RISE RESIST. THERM.	SERVICE FACTOR	NEMA KVA/HP CODE	NEMA DESIGN
			FULL LOAD	LOCKED ROTOR					
3	60	460	146	907.5	F	80 DEG C	1.15	F	B

GUARANTEED EFFICIENCY			POWER FACTOR			TORQUE AT FULL VOLTAGE		
						FULL LOAD TORQUE AT FULL LOAD SPEED (LB. FT.)	LOCKED STARTING	PULLOUT BREAKDOWN
FULL LOAD	3/4 LOAD	1/2 LOAD	FULL LOAD	3/4 LOAD	1/2 LOAD		PERCENT OF FULL LOAD	
92.0	93.0	92.9	85.9	83.7	77.1	370	110	200

VSS       VHS       NRR       SRC       HCRZ

BEARINGS: Drive End Lubrication:  Oil       Grease  
 Opposite End Lubrication:  Oil       Grease

PAINT: (Attach Technical Data Sheets)  
 Factory Standard  
 Other \_\_\_\_\_

MOTOR NO.: \_\_\_\_\_

MOTOR WEIGHT: 1250 LBS.

ROTATION:  BI-DIRECTIONAL       CW       CCW

LR 125 3 460 60  
 FRAME 405YPZ 460 357  
 TYPE RV4 460 357  
 DESIGN B 2226  
 40 DEG C AFB SF 1.15 F  
 7222-5ANC 6212-J  
 CAPACITY 5 9340  
 ID# M18378 / 501A1610544E-D  
 MRR 9340


**HIGH THERMUS**  
 U.S. ELECTRICAL MOTORS  
 DIVISION OF GENERAL ELECTRIC  
 ST. LOUIS, MO.

MADE IN U.S.A.