

FOR BOARD ACTION

Agenda Item # 3.b.

Meeting Date:

3/29/11

SUBJECT: Consideration of Quotations – Well #40 Pumping Unit

PREPARED BY: Doug Rovang, Senior Civil Engineer

ITEM DESCRIPTION:

Quotations were requested for furnishing and installing the pumping unit for new Well #40 from the four well pumping equipment suppliers listed below. Quotation information for each supplier is also shown. A copy of the low quotation from Keys Well Drilling is attached.

<u>Supplier</u>	<u>Base Bid Quotation, \$</u>	<u>Ceramic Bearing Add, \$</u>	<u>Grounding Ring Add, \$</u>	<u>Total, \$</u>
Bergerson Caswell -	\$58,780.00	\$2,750.00	\$1,750.00	\$63,280.00
Keys Well Drilling Company-	\$56,619.00	\$3,250.00	\$1,250.00	\$61,119.00
E.H. Renner & Sons -	\$60,494.00	\$1,006.00	\$1,424.00	\$62,994.00
Thein Well Company -	\$79,942.60	N/S*	N/S*	N/S*
(RPU Estimate) -	\$70,000.00	\$ 2,500.00	\$ 500.00	\$73,000.00

*N/S – Not submitted. Submitted non-specified device.

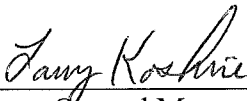
A variable speed drive will be installed for this well pump. Premature bearing failures on some similar well pumps with variable speed drives have occurred and replacement ceramic bearings have been installed. Therefore, staff recommends furnishing the pumping unit with the ceramic bearing and grounding ring.

FOR CAPITAL PURCHASES/BIDS/MAJOR PROJECTS:

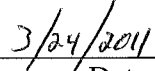
Funds are available in the 2011 Water Utility budget for this project.

UTILITY BOARD ACTION REQUESTED:

Staff recommends the Utility Board accept the low quotation from Keys Well Drilling for the Well #40 pumping unit and approve a purchase order agreement with Keys Well Drilling in the amount of \$61,119.00 for the Well #40 pumping unit to include the added ceramic bearing and grounding ring.



General Manager



Date

Quotation Form

QUOTATION FORM

QUOTATIONS DUE: Thursday, March 24, 2011, 10:00 a.m.

Rochester Public Utilities
Rochester, Minnesota 55904

The undersigned hereby proposes to furnish and install the:

DEEP WELL LINE SHAFT TURBINE PUMPING UNIT (MUNICIPAL WELL #40)

in accordance with the attached specifications for the following prices:

ITEM	QUANTITY	UNIT PRICE \$	PRICE \$
Pump Bowl: 600 gpm @ 385' TDH, and 1,000 gpm @ 408' TDH, and 1,500 gpm @ 419' TDH	1	L.S.	9,341
10" x 10' Suction Pipe (Tail Piece)	1	284	284.00
10" x 10' Discharge Column Pipe	19	586	11,134.00
10" x 5' Discharge Column Pipe	2	451	902.00
1-11/16" x 10' Stainless Steel Shafting	19	296	5,624.00
1-11/16" x 5' Stainless Steel Shafting	1	288	288.
1-11/16" Stainless Steel Head Shaft (~6' - as Needed)	1	250	250.00
1-11/16" Stainless Steel Motor Shaft (~4' - as Needed)	1	250	250.00
1-11/16" Stainless Steel Heavy Duty Couplings	22	50	1,100.00
Top Shaft Adjusting Nut	1	L.S.	20.00
10" Bronze Bearing Retainers (Spiders)	20	120	2,400.00
Rubber Cutlass Bearings	20	15	300.00
Pump Discharge Head*, 10" x 10", with 5' Inlet Pipe *Discharge Head Quote is to include Base Plates	1	L.S.	2,600.00
Motor (250 HP)	1	L.S.	18,886.00
Disinfection/Test Pumping, All Other Miscellaneous	1	L.S.	3,300.00
Sales Tax*	-	-	Included
TOTAL BASE BID QUOTATION (Including Shipping), \$	-	-	56,691.00
Add for furnishing Ceramic Guide Motor Bearing	1	L.S.	3,250.00
Add for furnishing Grounding Ring w/Carbon Brushes	1	L.S.	1,250.00

*Any sales tax due and payable on work completed or material/equipment furnished under this Contract shall be included in the bid.

I acknowledge receipt of Addendum(s) # 1 Dated 3/23/11
Signed [Signature]
Dated 3/24/11



RESOLUTION

BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to accept the low quotation from Keys Well Drilling for furnishing and installing the Well #40 pumping unit, and to enter into a purchase order agreement with Keys Well Drilling, of St. Paul, Minnesota, for

Furnishing and Installing Municipal Well #40 Pumping Unit
to include Added Ceramic Bearing and Grounding Ring

The amount of the purchase order contract to be SIXTY-ONE-THOUSAND-ONE-HUNDRED-NINETEEN and NO/100 DOLLARS (\$61,119.00).

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 29th day of March, 2011.

President

Secretary