

FOR BOARD ACTION

Agenda Item # 4

Meeting Date:

9/27/05

SUBJECT: Consideration of Bids
Construction of Municipal Well 39

PREPARED BY: Doug Rovang, Senior Civil Engineer *DCR*

ITEM DESCRIPTION:

Bids for construction of Municipal Well 39 (Southeast) were received on September 20, 2005. Three bids were received (see the attached bid tabulation), and Their Well Co. of Rochester was the low bidder with a bid of \$239,945 for construction of the well. The engineer's estimate for construction of the well was \$269,875 (for the rotary construction method Their proposes to use).

Construction of the well is necessary because of continuing development in the southeast part of the City. The 2005 Water Utility budget and 2006 proposed Water Utility budget include \$340,000 for Well 39 (which also includes construction of the wellhouse).

UTILITY BOARD ACTION REQUESTED:

Staff recommends the Utility Board accept the low bid, approve a contract agreement for construction of municipal Well 39 with Their Well Co. in the amount of \$239,945 and authorize the Mayor and City Clerk to execute the agreement.

Harry Koshire

General Manager

9/22/05

Date

**ROCHESTER PUBLIC UTILITIES
WELL NO. 39 BID TABULATION (9/20/05 BID OPENING)**

	Engineer's Estimate			Traut			Renner			Thein		
	Cable Tool Base Bid			Cable Tool Base Bid			Cable Tool Base Bid			Cable Tool Base Bid		
	Quantity	Unit Price	Extension	Quantity	Unit Price	Extension	Quantity	Unit Price	Extension	Quantity	Unit Price	Extension
1 Mob/demob.	1	\$ 40,000	\$ 40,000	1	\$ -	\$ -	1	\$ 49,000	\$ 49,000	1	\$ -	\$ -
2 Drill & drive 30" casing	46	\$ 300	\$ 13,800	46	\$ -	\$ -	46	\$ 260	\$ 11,960	46	\$ -	\$ -
3 Drill 30" nominal open hole	315	\$ 200	\$ 63,000	315	\$ -	\$ -	315	\$ 195	\$ 61,425	315	\$ -	\$ -
4 Set 24" casing	364	\$ 100	\$ 36,400	364	\$ -	\$ -	364	\$ 105	\$ 38,220	364	\$ -	\$ -
5 Drill 24" nominal open hole	90	\$ 175	\$ 15,750	90	\$ -	\$ -	90	\$ 135	\$ 12,150	90	\$ -	\$ -
6 Plumbness and align. test	1	\$ 750	\$ 750	1	\$ -	\$ -	1	\$ 375	\$ 375	1	\$ -	\$ -
7 Grout	30	\$ 350	\$ 10,500	30	\$ -	\$ -	30	\$ 355	\$ 10,650	30	\$ -	\$ -
8 Blasting	400	\$ 25	\$ 10,000	400	\$ -	\$ -	400	\$ 25	\$ 10,000	400	\$ -	\$ -
9 Development Equipment	1	\$ 10,000	\$ 10,000	1	\$ -	\$ -	1	\$ 9,275	\$ 9,275	1	\$ -	\$ -
10a. Material Removal (Bailing)	80	\$ 200	\$ 16,000	80	\$ -	\$ -	80	\$ 345	\$ 27,600	80	\$ -	\$ -
10b. Material Removal (Air develop.)	120	\$ 200	\$ 24,000	120	\$ -	\$ -	120	\$ 225	\$ 27,000	120	\$ -	\$ -
11 Discharge Piping	150	\$ 5	\$ 750	150	\$ -	\$ -	150	\$ 10	\$ 1,500	150	\$ -	\$ -
12 Test Pump Equipment	1	\$ 7,000	\$ 7,000	1	\$ -	\$ -	1	\$ 8,000	\$ 8,000	1	\$ -	\$ -
13 Test Pump	40	\$ 125	\$ 5,000	40	\$ -	\$ -	40	\$ 145	\$ 5,800	40	\$ -	\$ -
14 Water Analysis	1	\$ 2,000	\$ 2,000	1	\$ -	\$ -	1	\$ 350	\$ 350	1	\$ -	\$ -
15 Sand Analysis	1	\$ 2,000	\$ 2,000	1	\$ -	\$ -	1	\$ 75	\$ 75	1	\$ -	\$ -
16 Video Survey	1	\$ 2,000	\$ 2,000	1	\$ -	\$ -	1	\$ 1,500	\$ 1,500	1	\$ -	\$ -
17 Gamma Log	1	\$ 2,000	\$ 2,000	1	\$ -	\$ -	1	\$ 1,500	\$ 1,500	1	\$ -	\$ -
Total			\$ 260,950			No Bid			\$ 276,380			No Bid

	Engineer's Estimate			Traut			Renner			Thein		
	Rotary Base Bid			Rotary Base Bid			Rotary Base Bid			Rotary Base Bid		
	Quantity	Unit Price	Extension	Quantity	Unit Price	Extension	Quantity	Unit Price	Extension	Quantity	Unit Price	Extension
1 Mob/demob.	1	\$ 40,000	\$ 40,000	1	\$ 22,150	\$ 22,150	1	\$ -	\$ -	1	\$ 40,000	\$ 40,000
2 Not Used	NA	-	-	NA	-	-	NA	-	-	NA	-	-
3 Drill 30" nominal open hole	315	\$ 200	\$ 63,000	315	\$ 200	\$ 63,000	315	\$ -	\$ -	315	\$ 150	\$ 47,250
4 Set 24" casing	364	\$ 100	\$ 36,400	364	\$ 104	\$ 37,856	364	\$ -	\$ -	364	\$ 160	\$ 58,240
5 Drill 24" nominal open hole	90	\$ 175	\$ 15,750	90	\$ 95	\$ 8,550	90	\$ -	\$ -	90	\$ 100	\$ 9,000
6 Plumbness and align. test	1	\$ 750	\$ 750	1	\$ 485	\$ 485	1	\$ -	\$ -	1	\$ 2,500	\$ 2,500
7 Grout	32	\$ 328.12	\$ 10,500	32	\$ 355	\$ 11,360	32	\$ -	\$ -	32	\$ 400	\$ 12,800
8 Blasting	400	\$ 25	\$ 10,000	400	\$ 20	\$ 8,000	400	\$ -	\$ -	400	\$ 6	\$ 2,400
9 Development Equipment	1	\$ 10,000	\$ 10,000	1	\$ 4,500	\$ 4,500	1	\$ -	\$ -	1	\$ 18,000	\$ 18,000
10a. Material Removal (Bailing)	80	\$ 200	\$ 16,000	80	\$ 355	\$ 28,400	80	\$ -	\$ -	80	\$ 64	\$ 5,120
10b. Material Removal (Air develop.)	120	\$ 200	\$ 24,000	120	\$ 355	\$ 42,600	120	\$ -	\$ -	120	\$ 90	\$ 10,800
11 Discharge Piping	150	\$ 5	\$ 750	150	\$ 8	\$ 1,200	150	\$ -	\$ -	150	\$ 2	\$ 300
12 Test Pump Equipment	1	\$ 7,000	\$ 7,000	1	\$ 4,800	\$ 4,800	1	\$ -	\$ -	1	\$ 18,000	\$ 18,000
13 Test Pump	40	\$ 125	\$ 5,000	40	\$ 150	\$ 6,000	40	\$ -	\$ -	40	\$ 60	\$ 2,400
14 Water Analysis	1	\$ 2,000	\$ 2,000	1	\$ 1,200	\$ 1,200	1	\$ -	\$ -	1	\$ 500	\$ 500
15 Sand Analysis	1	\$ 2,000	\$ 2,000	1	\$ 85	\$ 85	1	\$ -	\$ -	1	\$ 500	\$ 500
16 Video Survey	1	\$ 2,000	\$ 2,000	1	\$ 1,200	\$ 1,200	1	\$ -	\$ -	1	\$ 500	\$ 500
17 Gamma Log	1	\$ 2,000	\$ 2,000	1	\$ 1,200	\$ 1,200	1	\$ -	\$ -	1	\$ 500	\$ 500
18 Drill nominal 36" open hole	46	\$ 300	\$ 13,800	46	\$ -	\$ -	46	\$ -	\$ -	46	\$ 80	\$ 3,680
19 Set 30" Casing	49	\$ 150	\$ 7,350	49	\$ 350	\$ 17,150	49	\$ -	\$ -	49	\$ 120	\$ 5,880
20 Drill 16" pilot hole	315	\$ 5	\$ 1,575	315	\$ 75	\$ 23,625	315	\$ -	\$ -	315	\$ 5	\$ 1,575
Total			\$ 269,875			\$ 283,361			\$ 276,380			\$ 239,945



RESOLUTION

BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve a contract agreement with Their Well Co., and authorize the Mayor and the City Clerk to execute the agreement for

Construction of Municipal Well 39

The amount of the contract agreement to be TWO-HUNDRED-THIRTY-NINE-THOUSAND-NINE-HUNDRED-FORTY-FIVE AND 00/100 DOLLARS (\$239,945.00) and Their Well Company being lowest responsible bidder.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 27th day of September, 2005.

President

Secretary