



City of Grand Forks Staff Report

Committee of the whole – March 25, 2019

City Council – April 1, 2019

Agenda Item: 2019 Water Meter and Electronic Remote Transmitters (ERT's) Bid Summary

Submitted by: Daniel Hanson, Water Distribution Supervisor

Staff Recommended Action: Approve low bids

Committee Recommended Action: Refer to City Council with the recommendation to approve.

Council Action:

BACKGROUND: Bids for water meters and ERT's for the 2019 construction season were advertised February 21st to March 18th with bids being opened on March 21st at 2:00pm. Meters and ERT's were bid as separate items, including 100WP ERT's required for replacement of existing ERT's that have reached the end of their life expectancy.

Meter costs are reimbursed to the Water Utility as revenue (Sale of Water Meters 5300.000.338.0020)

ANALYSIS AND FINDINGS OF FACT:

- Four companies provided bids for water meters Badger Meters, Ferguson Waterworks, Core & Main and Dakota Supply Group.
- Badger Meter had the low bid for water meters at \$54,099.00 for 249 meters.
- We request that the bid for water meters be awarded to the low bidder Badger Meter totaling \$54,099.00.
- Badger Meter and Itron Inc submitted bids for the 100WE ERT's. Itron Inc. was the only bidder for the 100WP ERT's.
- Badger Meter was the low bidder for 100WE ERT's at \$82.00 each. Itron Inc. was the only bidder for 100WP ERT's at \$87.50 each.

- We request that the bid for 100WE ERT's be awarded to the low bidder Badger Meter for 300 ERT's totaling \$24,600.00.
- We request that the bid for 100WP ERT's be awarded to the only bidder Itron Inc. for 500 ERT's totaling \$43,750.00.
- Budgeted as Installed Meters (5300.100.5340.700.0060)

SUPPORT MATERIALS:

- Attached Bid Tabulation
- Budget sheets for revenue and expense accounts.

WATER DISTRIBUTION DEPARTMENT, GRAND FORKS, ND
WATER METER BID TABULATION PROPOSAL #2019-07
DATE: 3/20/19

BIDDER: BADGER METERS					
Qty. Bid	Meter Size	Make	Model	Unit Cost	Total
200	3/4"	Badger	M35/ADE	\$ 108.00	\$ 21,600.00
12	1"	Badger	M55/ADE	\$ 177.00	\$ 2,124.00
12	1 1/2"	Badger	M120/ADE	\$ 420.00	\$ 5,040.00
15	2" Ultrasonic	Badger	E-series	\$ 550.00	\$ 8,250.00
6	3" Ultrasonic	Badger	E-series	\$ 1,572.50	\$ 9,435.00
4	4" Ultrasonic	Badger	E-series	\$ 1,912.50	\$ 7,650.00
249	METERS				\$ 54,099.00

300	Itron 100W-R Remote ERTS			\$ 82.00	\$ 24,600.00
500	Itron 100WP Remote ERTS			No Bid	
800	Itron Erts				\$ 24,600.00

BIDDER: FERGUSON WATERWORKS					
Qty. Bid	Meter Size	Make	Model	Unit Cost	Total
200	3/4"	Neptune	T10	\$ 177.20	\$ 35,440.00
12	1"	Neptune	T10	\$ 252.90	\$ 3,034.80
12	1 1/2"	Neptune	T10	\$ 567.00	\$ 6,804.00
15	2" Compound	Neptune	Tru/Flo Comp	\$ 785.00	\$ 11,775.00
6	3" Compound	Neptune	Tru/Flo Comp	\$ 2,282.00	\$ 13,692.00
4	4" Turbo	Neptune	Tru/Flo Comp	\$ 3,044.00	\$ 12,176.00
249	METERS				\$ 82,921.80

300	Itron 100W-R Remote ERTS			NO BID	
500	Itron 100WP Remote ERTS			NO BID	
800					

BIDDER: DAKOTA SUPPLY GROUP					
Qty. Bid	Meter Size	Make	Model	Unit Cost	Total
200	3/4"			no bid	
12	1"			no bid	
12	1 1/2"	Kamstrup	flowIQ	\$ 551.50	\$ 6,618.00
15	2" Ultrasonic	Kamstrup	flowIQ	\$ 722.00	\$ 10,830.00
6	3" Compound			no bid	
4	4" Turbo			no bid	
27	METERS				\$ 17,448.00

300	Itron 100W-R Remote ERTS			NO BID	
500	Itron 100WP Remote ERTS			NO BID	
800					

BIDDER: Core and Main					
Qty. Bid	Meter Size	Make	Model	Unit Cost	Total
200	3/4"	Sensus	Not Specified	\$ 155.15	\$ 31,030.00
12	1"	Sensus	Not Specified	\$ 210.01	\$ 2,520.12
12	1 1/2"	Sensus	Not Specified	\$ 516.56	\$ 6,198.72
15	2" Ultrasonic	Sensus	OMNI	\$ 1,383.06	\$ 20,745.90
6	3" Compound	Sensus	OMNI	\$ 1,619.20	\$ 9,715.20
4	4" Turbo	Sensus	OMNI	\$ 3,241.85	\$ 12,967.40
249	METERS				\$ 83,177.34

300	Itron 100W-R Remote ERTS				NO BID
-----	--------------------------	--	--	--	--------

500	Itron 100WP Remote ERTS				NO BID
800					

BIDDER: Itron					
Qty. Bid	Meter Size	Make	Model	Unit Cost	Total
200	3/4"			no bid	
12	1"			no bid	
12	1 1/2"			no bid	
15	2" Ultrasonic			no bid	
6	3" Compound			no bid	
4	4" Turbo			no bid	
249	METERS				

300	Itron 100W-R Remote ERTS			\$ 87.50	\$ 26,250.00
-----	--------------------------	--	--	----------	--------------

500	Itron 100WP Remote ERTS			\$ 87.50	\$ 43,750.00
800					\$ 70,000.00



G/L Account	Account Description	2016 Amended Budget	2016 Actual Amount	2017 Amended Budget	2017 Actual Amount	2018 Adopted Budget	2019 Adopted Budget
Fund 5300 - Waterworks							
REVENUE							
Department 000 - Revenues							
Intergovernmental							
5300.000 322.0130	Water Commission Grant	.00	4,255,189.76	.00	14,930,094.65	.00	.00
	<i>Intergovernmental Totals</i>	\$0.00	\$4,255,189.76	\$0.00	\$14,930,094.65	\$0.00	\$0.00
Interest							
5300.000 356.0010	Interest-Investments	125,000.00	119,290.09	110,000.00	98,702.87	110,000.00	105,000.00
	<i>Interest Totals</i>	\$125,000.00	\$119,290.09	\$110,000.00	\$98,702.87	\$110,000.00	\$105,000.00
Miscellaneous							
5300.000 357.0200	Other N.O.C.	.00	3,010.00	.00	.00	.00	.00
5300.000 357.0205	Credit Card Fees-Pass thru	.00	(10,609.89)	.00	(10,929.95)	.00	.00
	<i>Miscellaneous Totals</i>	\$0.00	(\$7,599.89)	\$0.00	(\$10,929.95)	\$0.00	\$0.00
Other Financing Sources							
5300.000 361.0010	Damages-Buildings	.00	6,309.18	.00	.00	.00	.00
5300.000 361.0030	Damages-Hydrants	.00	9,030.82	.00	4,168.82	.00	.00
5300.000 361.0091	Lease-Water Tower Space	48,000.00	42,031.04	48,000.00	51,375.88	42,000.00	50,000.00
	<i>Other Financing Sources Totals</i>	\$48,000.00	\$57,371.04	\$48,000.00	\$55,544.70	\$42,000.00	\$50,000.00
Operating Revenues							
5300.000 338.0010	User Utility Billing	9,911,000.00	10,434,810.61	11,336,000.00	11,350,117.67	12,173,514.00	12,350,940.00
	<i>Budget Transactions</i>						
Level	Transaction						
Adopted Budget	3.5% Residential, 2% Commercial, 1.5% Industrial rate increases						
	<i>Number of Units</i>	1,000					
	<i>Cost Per Unit</i>						
	<i>Total Amount</i>						
	Adopted Budget Totals						\$12,350,940.00

5300.000 338.0020	Sale Of Meters	55,000.00	50,152.41	60,000.00	45,857.00	50,000.00	50,000.00
5300.000 338.0040	Tank Water Sales	2,500.00	2,471.25	2,000.00	2,388.00	2,000.00	2,300.00
5300.000 338.0050	Sale Of Resale Stores	8,000.00	14,591.91	10,000.00	8,111.06	11,000.00	11,000.00
5300.000 338.0060	Tapping Mains-Other Swcs	30,000.00	60,124.40	30,000.00	44,394.49	35,000.00	35,000.00
5300.000 338.0070	Reimbursable Electricity	10,000.00	11,329.38	10,000.00	14,827.30	10,000.00	10,000.00
5300.000 338.0080	Car Washes	500.00	80.00	500.00	90.00	500.00	500.00
5300.000 338.0090	Shutoff Collections	7,000.00	6,302.21	7,000.00	7,350.00	6,000.00	7,000.00



Water - Transmission

Budget Year 2019

G/L Account	Account Description	2016 Amended Budget	2016 Actual Amount	2017 Amended Budget	2017 Actual Amount	2018 Adopted Budget	2019 Adopted Budget	
Fund 5300 - Waterworks								
5300.100.5340 700.0060	Installed Meters	108,200.00	84,961.87	140,000.00	138,841.65	140,000.00	140,000.00	
	Budget Transactions							
	Level					Number of Units	Cost Per Unit	Total Amount
Adopted Budget	Transaction							
	Water Meters and ERT's					1.0000	140,000.00	140,000.00
	Adopted Budget Totals							\$140,000.00
5300.100.5340 700.0070	Office Equipment	2,500.00	.00	2,500.00	.00	.00	.00	
5300.100.5340 700.0090	Shop Equipment	8,800.00	999.95	5,000.00	623.84	5,000.00	2,500.00	
5300.100.5340 700.0100	Cars & Light Duty Trucks	26,200.00	26,178.44	25,000.00	21,560.99	.00	25,000.00	
	Capital Outlay Totals	\$696,060.00	\$649,740.84	\$770,534.00	\$680,047.08	\$829,680.00	\$1,142,680.00	
	Non-Current Outlay							
5300.100.5340 996.0000	Non-Current Outlays	.00	.00	.00	.00	143,000.00	143,000.00	
	Budget Transactions							
	Level					Number of Units	Cost Per Unit	Total Amount
Adopted Budget	Transaction							
	2019 LAWA Fees					1.0000	93,000.00	93,000.00
	Reserve for Backhoe Purchase (2020)					1.0000	50,000.00	50,000.00
	Adopted Budget Totals							\$143,000.00
	Non-Current Outlay Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$143,000.00	\$143,000.00	
Sub Department 5340 - Transmiss'n & Distribut'n Totals		\$2,260,936.00	\$1,887,842.99	\$2,824,979.00	\$2,408,101.80	\$2,752,955.00	\$3,109,983.00	