AGENDA
SHAWNEE MUNICIPAL AUTHORITY
April 1, 2013 AT 6:30 P.M.
COMMISSION CHAMBERS AT CITY HALL
SHAWNEE, OKLAHOMA

CALL TO ORDER

DECLARATION OF A QUORUM

1. Consider approval of Consent Agenda:

   a. Minutes from the March 18, 2013 regular meeting

   b. Authorize staff to purchase new water meters from HD Supply to restock inventory. HD Supply is a sole source supplier for Neptune.

   c. Authorize staff to advertise for bids on the SMA Water Meter and Vault Project.

2. New Business

   (Any matter not known about or which could not have been reasonably foreseen prior to the posting of the agenda)

3. Administrative Reports

4. Adjournment

Respectfully submitted

Phyllis Loftis, CMC, City Clerk

Shawnee Municipal Authority **1. a.**

Meeting Date: 04/01/2013

Minutes

Submitted By: Donna Mayo, Administration

Department: Administration

Title of Item for Agenda

Minutes from the March 18, 2013 regular meeting

Attachments

Minutes

THE TRUSTEES OF THE SHAWNEE MUNICIPAL AUTHORITY OF THE CITY OF SHAWNEE, COUNTY OF POTTAWATOMIE, STATE OF OKLAHOMA, MET IN REGULAR SCHEDULED SESSION IN THE COMMISSION CHAMBERS AT CITY HALL, 9TH AND BROADWAY, SHAWNEE, OKLAHOMA, MONDAY, MARCH 18, 2013, DURING THE BOARD OF CITY COMMISSIONERS MEETING AT 6:30 P.M., PURSUANT TO NOTICE DULY POSTED AS PRESCRIBED BY LAW. UPON ROLL CALL, A QUORUM WAS DECLARED WITH THE FOLLOWING MEMBERS IN ATTENDANCE:

PRESENT: Stephens, Agee, Harrod, Mainord, Hall
ABSENT: Winterringer, Smith

Call to Order

Declaration of a Quorum

AGENDA ITEM NO. 1: Consider approval of Consent Agenda

a. Minutes from the March 4, 2013 regular meeting

A motion was made by Trustee Harrod, seconded by Trustee Hall, to approve the Consent Agenda item 1(a). Motion carried 5-0.

AYE: Harrod, Hall, Stephens, Agee, Mainord
NAY: None

AGENDA ITEM NO. 2: New Business (Any matter not known about or which could not have been reasonably foreseen prior to the posting of the agenda)

There was no new business.

AGENDA ITEM NO. 3: Administrative Reports

There was no Administrative Reports.

AGENDA ITEM NO. 4: Adjournment

There being no further business to be considered, the meeting was adjourned by power of the Chair. (7:21 p.m.)

_____
WES MAINORD
CHAIRMAN

ATTEST:

(SEAL)

_____
PHYLLIS LOFTIS, CMC, CITY CLERK
SECRETARY

Shawnee Municipal Authority **1. b.**

Meeting Date: 04/01/2013

Water Meter Purchase

Submitted By: Donna Mayo, Administration

Department: Administration

Title of Item for Agenda

Authorize staff to purchase new water meters from HD Supply to restock inventory. HD Supply is a sole source supplier for Neptune.

Attachments

Neptune Meter Purchase Memo

Neptune Meter Purchase Estimate

Steve Nelms
Interim Utility Director
405-273-1960

Lyndsay Pickens
Administrative Assistant
Phone: 405-273-1960
Fax: 405-878-1550

Greg Price
Interim Plant Manager
405-878-1662

Brad Schmidt
Interim Systems Manager
405-878-1547

111 S. Kickapoo, Shawnee, OK 74801

MEMORANDUM

To: City Commission
From: Steve Nelms, Interim Utility Director
CC: Brian Mcdougal, City Manager. Cindy Sementelli, Finance Director
Date: 3/26/2013
Re: Neptune Water Meter Purchase

Staff would like permission to make a large water meter purchase from HD Supply that will include various sizes of water meters to restock the SMA inventory. HD Supply is the Neptune meter sole source supplier; the meter order cost is $33,213.78.

HD Supply is the vendor SMA purchases water meter from, SMA is gearing up for the summer.

B5

Requisition # _____

City of Shawnee

Tabulation of Quotes

Date: 3/25/2013
Name: Daniel Fullbright

Valuation: Items from $100.00 to$7,499.00

Expenditure Account Number 5-1040-5235

Check Vendor To Use On Requisition	☑ Vendor	☐ Vendor	☐ Vendor
	HD Supply		
Phone Number	(405)-495-0699		
Salesman	Craig Copeland		
Delivery Date			
F.O.B. Point			

Quan	Unit	Stock # - Description	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
120		Neptune 5/8x3/4" T10 D/R Disc Meter	43.67	5,240.40		-		-
20		Neptune T10 3/4 SL D/R GAL Meter	84.00	1,680.00		-		-
20		Neptune T10 1" D/R USG Meter	148.13	2,962.60		-		-
5		Neptune T10 1-1/2 D/R Meter	305.34	1,526.70		-		-
10		Neptune T10 2" D/R Meter	466.25	4,662.50		-		-
1		Neptune 3" Tru/Flo Meter	2,220.51	2,220.51		-		-
1		Neptune 4" Tru/Flo Meter	2,907.69	2,907.69		-		-
1		Neptune 6" Tru/Flo Meter	4,717.95	4,717.95		-		-
1		Neptune 3" Tru/Flo D/R Meter	1,214.29	1,214.29		-		-
1		UME 4" T/F W/T10 D/R Meter	1,514.29	1,514.29		-		-
1		UME 6" T/F PR GAL 3BD PIT Meter	2,114.29	2,114.29		-		-
12		5/8x3/4" T-10 Meter E-Code R900I	204.38	2,452.56		-		-
				-		-		-
				-		-		-
		*Note: This order is to replenish		-		-		-
		depleted stock		-		-		-
				-		-		-
		Price is an estimation		-		-		-
				-		-		-
				-		-		-
				-		-		-
				-		-		-
				-		-		-
Freight/Shipping /Handling Charges								
		Total		33,213.78		-		-

Justification if not lowest bid: Neptune meters are a vendor specific item.

3/21/13 HD SUPPLY WATERWORKS, LTD.

CITY OF SHAWNEE
STOCK-OKLAHOMA CITY
PO BOX 1848
SHAWNEE OK 74802
Telephone: 405-273-1250

HDSWW - OKLAHOMA CITY OK
8401 Southwest 15th
Oklahoma City OK 73128
Telephone: 405-495-0699
Fax: 405-495-2016

2/12/13 Bid ID: 3361219 OK-SHAWNEE-NEPTUNE METERS

Line	Quantity	Sell Per	Description	Net Price	Extended Price
			DIRECT READ METERS		
30	120	EA	NEPTUNE 5/8X3/4" T10 D/R USG DISC METER PLS REGISTER PLS BOTTOM CAP ED2B31R8G1 NO LEAD	43.67	5,240.40
50	20	EA	T10 3/4 SL ED2D11R8G1 D/R GAL METER, CI BTTM, STD REG, 302 BOLTS	84.00	1,680.00
70	20	EA	T10 1" NEPTUNE ED2F11R8G1 D/R USG MTR CI BOTTOM DISC METER NO LEAD	148.13	2,962.60
90	5	EA	T10 1-1/2 DIR READ MTR BR/BR NEPTUNE ED2H11R8G2 LOW LEAD COMPLIANT	305.34	1,526.70
110	10	EA	2 T10 DIR READ MTR BR/BR NEPTUNE ED2J11R8G2 LOW LEAD COMPLIANT	466.25	4,662.50
			COMPOUND METERS WITH PRO-READ REGISTERS		
160	1	EA	EC3BR7F8SG53 3 TRU/FLO METER 6WHL CF NO LEAD	2,220.51	2,220.51
180	1	EA	4 TRU/FLO COMPOUND METER GALLONS, FLANGE, PROREAD 6 WH POTTED TO ITRON ERT END CAP CITY OF MONROE NC NO LEAD	2,907.69	2,907.69
200	1	EA	6 TRU/FLO COMPOUND FLG METER READ-GAL W/TOUCH PAD EC3DR7F8 NO LEAD	4,717.95	4,717.95
			DROP IN ASSEMBLY		

Run Date 3/21/13 HD SUPPLY WATERWORKS, LTD.

CITY OF SHAWNEE
STOCK-OKLAHOMA CITY
PO BOX 1848
SHAWNEE OK 74802
Telephone: 405-273-1250

HDSWW - OKLAHOMA CITY OK
8401 Southwest 15th
Oklahoma City OK 73128
Telephone: 405-495-0699
Fax: 405-495-2016

2/12/13 Bid ID: 3361219 OK-SHAWNEE-NEPTUNE METERS

Line	Quantity	Sell Per	Description	Net Price	Extended Price
220	1	EA	NEPTUNE 9596-120 3" TRU FLO UM E DIRECT READ US GAL	1,214.29	1,214.29
240	1	EA	UME 4 T/F W/T10 D/R GAL	1,514.29	1,514.29
260	1	EA	9596-328 UME 6 T/F PR GAL 3BD PIT	2,114.29	2,114.29
			CLOCKS (REGISTERS)		
~~300~~	~~1~~ BRAD	~~EA~~	~~PRO-READ REGISTERS~~ PRICE IS THE SAME FOR ANY METER	~~157.14~~	~~157.14~~
			R900I METERS		
420	12	EA	ED2B11RWG1 5/8 X 3/4 T-10 METE R, E-CODER)R900I PIT VERSION, GALLON, CIB NO LEAD	204.38	2,452.56

PRICES ARE GOOD THRU 4-11-2013

Subtotal:	33,370.92
Tax:	.00
Bid Total:	33,370.92

- 157.14

33,213.78

Shawnee Municipal Authority **1. c.**

Meeting Date: 04/01/2013

Advertise Water Meter and Vault Project

Submitted By: Donna Mayo, Administration

Department: Administration

Title of Item for Agenda

Authorize staff to advertise for bids on the SMA Water Meter and Vault Project.

Attachments

Request to bid Water Meters and Vault

Mayor
WES MAINORD

The City of Shawnee
PO Box 1448
Shawnee Oklahoma 74802-1448
(405) 273-1250 Fax (405) 878-1581
www.ShawneeOK.org

Commissioners
PAM STEPHENS
LINDA AGEE
JAMES HARROD
KEITH HALL
JOHN WINTERRINGER
STEVE SMITH

MEMORANDUM

Date: March 28, 2013

To: Brian McDougal, City Manager

From: John Krywicki, P.E., City Engineer

Re: Request Authorization to Advertise for Bids the SMA Water Meter & Vault Project

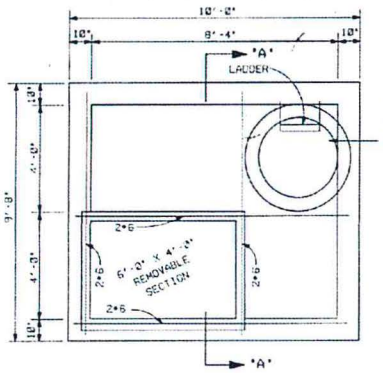
At the April 1, 2013 City Commission meeting we will request authorization to advertise for bids the SMA's Water Meter & Vault Project.

The SMA has requested that plans be prepared for the installation of several water meter(s) on lines at strategic locations that would provide them better data on water use and water loss within their system. Three locations were identified, 1) 18" Mag Meter on the 30" Wes Watkins Raw Water Line at the toe of dam, 2) 8" Meter on the 12" potable water line crossing the Canadian River at the Southside Treatment Plant location, and 3) 8" Meter on the 12" potable water line crossing the Canadian River at the Gorden Cooper Bridge location.

Estimated cost for the installation of the meters and meter vaults, for all three, is at $138,500, and funding would have to provided by the SMA. Attached are plans/details showing the meters and meter vaults, and several aerials showing proposed locations.

If approved by the Commission at the April 1, 2013 Commission meeting, staff will prepare the contract, bid documents, and specifications and get the project advertised, with a scheduled Bid Opening for the May 6, 2013 City Commission meeting.

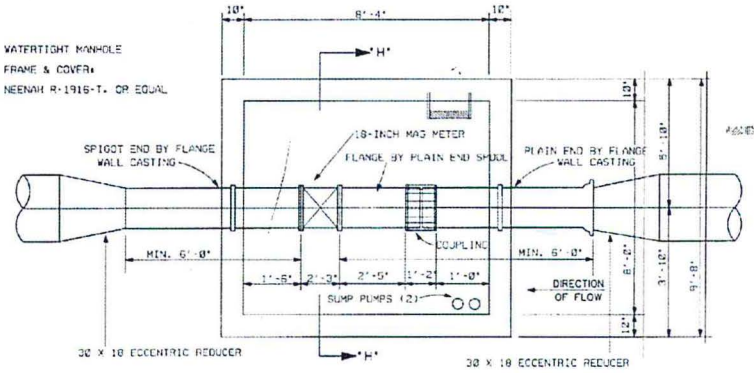
If you have any questions or need additional information, please advise.



PLAN

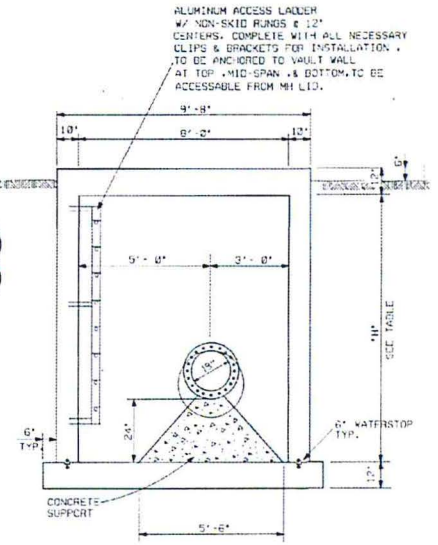
SCALE: 1/2" = 1'-0"

WATERTIGHT MANHOLE FRAME & COVER: NEENAH R-1916-T, OR EQUAL



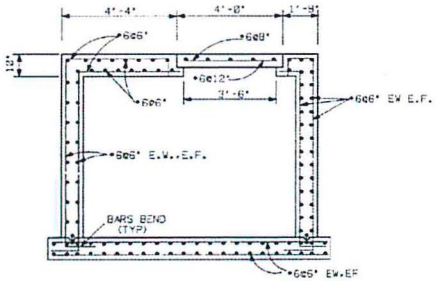
PLAN

SCALE: 1/2" = 1'-0"



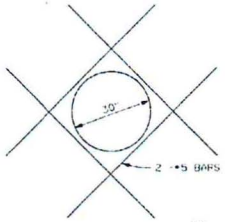
SECTION "H-H"

SCALE: 1/2" = 1'-0"



SECTION "A-A"

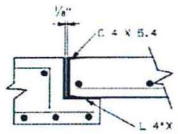
SCALE: 1/2" = 1'-0"



TYPICAL ADDITIONAL WALL REINFORCED AT PIPE PASSAGE (4 X 2 #5 BARS .8'-0" LONG)

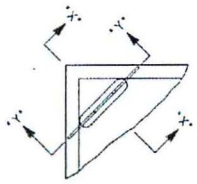
GENERAL NOTES:

1. CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 P.S.I.
2. REINFORCING STEEL SHALL MEET A.S.T.M. SPECIFICATION A 615, GRADE 60.
3. VAULT WALLS TO BEAR ON UNDISTURBED EARTH WHEREVER POSSIBLE. IN AREAS WHERE THIS IS IMPOSSIBLE, BACKFILL TO BE COMPACTED TO 95% STD. DENSITY IN ENTIRE AREA OF BACKFILL.



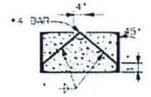
HATCH COVER SUPPORT DETAIL

- EDGE PROTECTION OF COVER BY STEEL CHANNEL.
- HATCH PROTECTION WITH ANGLE.



PLAN DETAIL OF LIFTING EYE

- USE ONE EYE IN EACH CORNER
- COAT REBAR BEFORE POURING CONCRETE FOR COVER



SECTION "Y-Y"

SECTION "X-X"

THE CONTRACTOR SHALL COORDINATE 120 VOLT, SINGLE-PHASE ELECTRICAL SERVICE TO EACH METER STATION WITH THE LOCAL ELECTRIC UTILITY. FURNISH #1/0 URD DIRECT BURIED CABLE FROM THE ELECTRIC SERVICE METER SET BY THE UTILITY, TO A WEATHERPROOF ENCLOSURE FOR EACH METER STATION; ESTIMATED 2800 LINEAR FEET TOTAL OF DIRECT BURIED CABLE, TO BE INSTALLED WITHIN OWNER'S RIGHT-OF-WAY. EACH METER STATION SHALL HAVE A LOCKABLE METAL WEATHERPROOF ENCLOSURE, SUITABLY MOUNTED ON 2" SCHEDULE 40 GALVANIZED STEEL PIPE (WITH END CAPS, AND ANCHORED IN CONCRETE); EACH ENCLOSURE SHALL HAVE FOUR (4) SINGLE-PHASE 20-AMP BREAKERS, ONE CIRCUIT TO SUPPLY POWER TO THE MAGMETER, TWO (2) CIRCUITS TO SUPPLY POWER TO THE SUMP PUMPS, AND ONE CIRCUIT TO SUPPLY POWER TO A WEATHERPROOF DUPLEX GFCI RECEPTACLE, MOUNTED INSIDE THE ENCLOSURE. THE FLOWMETER TOTALIZER/INDICATOR SHALL BE LOCATED INSIDE THE WEATHERPROOF ENCLOSURE. SUITABLE METAL ELECTRICAL CONDUIT WITH WATERTIGHT CONNECTIONS SHALL BE USED TO BRING BURIED CABLE FROM UNDERGROUND INTO THE WEATHERPROOF ENCLOSURE, AND FOR ALL CIRCUITS FROM THE ENCLOSURE TO THE MAGMETER VAULT. A SEPARATE CONDUIT SHALL BE PROVIDED FOR THE SIGNAL CABLE FROM THE METER TRANSMITTER LOCATED INSIDE THE VAULT TO THE TOTALIZER/INDICATOR LOCATED INSIDE THE WEATHERPROOF ENCLOSURE. THE CONTRACTOR SHALL INCLUDE THE COSTS OF COORDINATION WITH THE LOCAL ELECTRIC UTILITY AND FOR ALL ELECTRICAL WORK NECESSARY FOR COMPLETE AND OPERABLE FACILITIES IN THE UNIT PRICE BID FOR METER STATIONS. THE FLOWMETER MANUFACTURER SHALL BE RESPONSIBLE FOR ANY REQUIRED POWER TRANSFORMERS TO CONVERT INCOMING POWER TO METER REQUIREMENTS.

30" RAW WATERLINE
FLOW METER — DETAIL SHEET

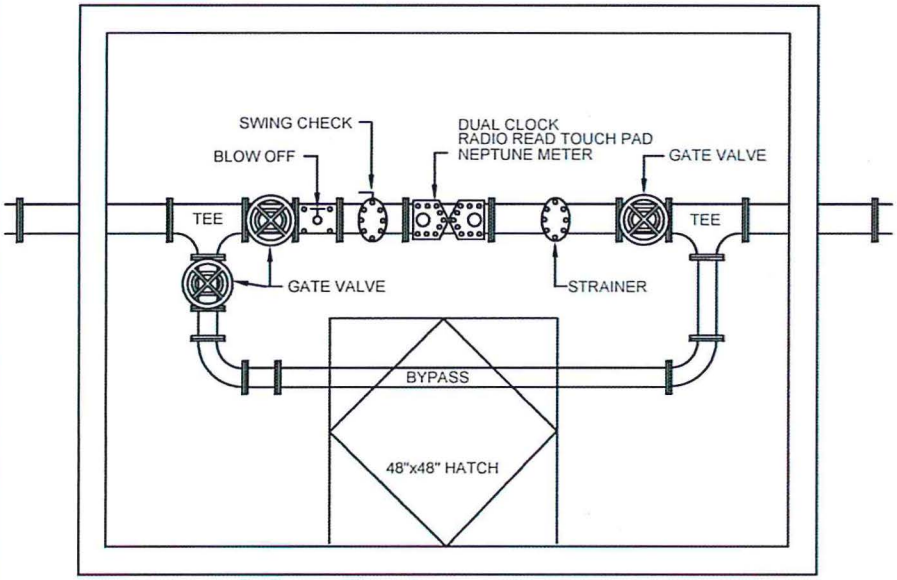
SURVEY BY:
DRAWN BY: JK
CHECKED BY: MC

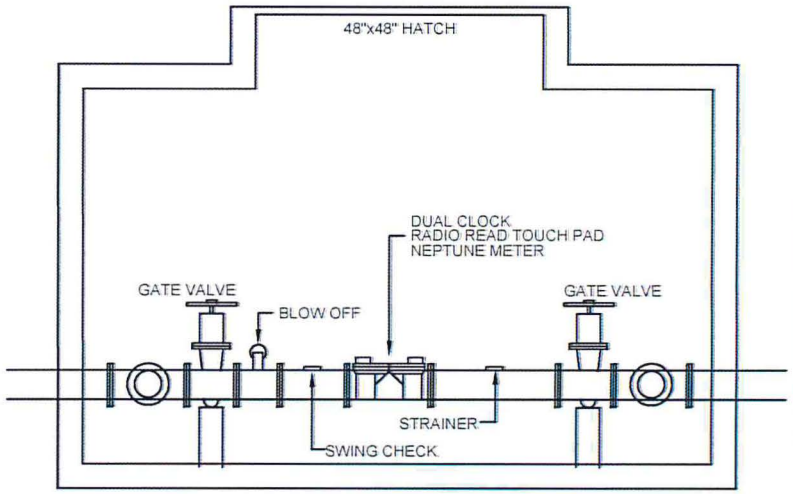
CITY OF SHAWNEE
222 BROADWAY
SHAWNEE, OKLAHOMA

ENGINEERING DEPARTMENT

ENGINEER	DATE	SCALE	PROJECT NO.	SHEET NO.
JK	12/14/09	N.T.S.	SWA-08-04	25

K:\Engineering\Engineering Projects\2009 Projects\30in Waterline (JK) 11-11 Detail 01.dwg





NOTES

1. PIT TO BE LOCATED ON CITY PROPERTY OR DEDICATED EASEMENT.
2. PIT LID SHALL BE ONE REMOVABLE SECTION, MINIMUM THICKNESS 6".
3. METERS MUST COMPLY WITH ALL CITY OF SHAWNEE STANDARDS AND SPECIFICATIONS.
4. METER MUST BE CALIBRATED PRIOR TO INSTALLATION.
5. IN AREAS WHERE PIT IS SUBJECT TO FLOODING, THE DISCHARGE VENT SHALL BE VENTED ABOVE FLOOD LEVEL OR PROTECTED FROM SIPHONING, AS DIRECTED BY CITY UTILITY DIR.
6. DOUBLE CHECK VALVE ASSEMBLY MAY BE USED WHERE RECOMMENDED BY AWWA.
7. FOR FIRE SUPPRESSION AND IRRIGATION PURPOSES, A HIGH-DEMAND TURBINE METER MAY BE USED IN LIEU OF COMPOUND METER AS APPROVED BY THE CITY UTILITY DIR.
8. CONCRETE ON TOP OF PIT TO BE 8" THICK WHEN PIT IS LOCATED IN DRIVING LANE OR PARKING AREA.

STANDARD METER VAULT 3"AND ABOVE

CITY OF SHAWNEE
111 S. KICKAPOO
SHAWNEE, OKLAHOMA
UTILITY DEPARTMENT

DIRECTOR	DATE	SCALE	PROJECT NO.	SHEET NO.
J.B.	5/31/13	N.T.S.		01

WES WATKINS
RESERVOIR
METER VAULT
LOCATION
S McLoud Rd
102
Tony Dr

S Eden St
E Hayes St
E Bentley St
S Harrison Ave
Harrison
E Dunbar St
S Pennsylvania Ave
S Oklahoma Ave
E Bluff St
S Philadelphia Ave

S Philadelphia Ave
E Bluff
S Union Ave
S Bell Ave
S Broadway Ave
W Dunbar St
S Market Ave
S Park Ave
W Hayes St
S Kickapoo St
State Hwy 18
Observation Vault Location