PUBLIC WORKS COMMITTEE
APRIL 11, 2016
5:00 P.M.

*** Meet at Water Treatment Plant for a tour. ****

AGENDA

I. CALL TO ORDER

II. CONSENT AGENDA
   A. Minutes (page 1)

III. NEW BUSINESS
   A. Annual Review Of Water Tower For High Pressure Zones

IV. OLD BUSINESS
   A. Bi-Directional Tractor Bid (page 4)
   B. 2016 Street Project Update
   C. VOC Water Treatment Plant Report (page 6)

V. INFORMATIONAL

VI. ADJOURN

***** Please call or email Ron at 320-243-3714 ext. 230 or at ron@paynesvillemn.com if you are not able to attend the meeting.*****

Members: Dave Peschong, Neil Herzberg, Melvin Schaefer, Keith Hemmesch, and Matt Quade – or his proxy.
Advisory Members: Chuck DeWolf, Ron Mergen, and Renee Eckerly

This agenda has been prepared to provide information regarding an upcoming meeting of the Paynesville Public Works Committee. This document does not claim to be complete and is subject to change.

BARRIER FREE: All Paynesville Public Works Committee meetings are accessible to the handicapped. Attempts will be made to accommodate any other individual need for special services. Please contact City Hall (320) 243-3714 early so necessary arrangements can be made.

REQUEST FOR COMMITTEE/COUNCIL ACTION

COMMITTEE/COUNCIL NAME: Public Works Committee

Committee/Council Meeting Date: April 11, 2016

Agenda Section: Consent

Originating Department: Public Works

Item Number: II - A

ITEM DESCRIPTION: Minutes

Prepared by: Staff

COMMENTS:

Please review the minutes of the March 14, 2016 Public Works Committee meeting.

ADMINISTRATOR COMMENTS:

COMMITTEE/COUNCIL ACTION:

Motion to approve the minutes of the March 14, 2016 Public Works Committee meeting.

MINUTES
PUBLIC WORKS COMMITTEE

MARCH 14, 2016

The meeting was called to order by Chairperson Mel Schaefer at 5:00 p.m. Members present were Matt Quade, Neil Herzberg, and Dave Peschong. Keith Hemmesch was absent. Advisory members present were Ron Mergen, Public Works Director and Chuck DeWolf, Bolton & Menk, Inc.

Motion was made by Quade to approve the minutes from the February 8, 2016 Public Works Committee meeting. Seconded by Herzberg and unanimously carried.

CRACK SEALING

Two price quotes were presented with the low price of $1.55 per lb. from Midwest Asphalt for 6,000 lbs. with a total estimated cost of $9,300.00. The other price was from Astech at $1.95 per lb. It was noted that Midwest Asphalt is the same crew that completed the crack sealing last year and did very good workmanship.

Motion was made by Peschong to approve the quote from Midwest Asphalt in the amount of $1.55 per pound and recommend such to the City Council. Seconded by Herzberg and unanimously carried.

STREET PATCHING

Mergen reported that the City has utilized the air patching for several years with very good results. The cost is about ¼ of what hot mix patching would be. The two quotes obtained are:

Midwest Asphalt	$1,995.00
Pavement Resources	$3,250.00

Motion was made by Quade to approve the quote from Midwest Asphalt in the amount of $1,995.00 and recommend such to the City Council. Seconded by Peschong and unanimously carried.

2017 STREET PROJECT

Committee members reviewed the streets included in the project noting that the streets to be overlaid are streets from the 1994 and 1996 street projects. Also included is Lake Ave. from the Crow River Bridge to Hwy 23. A proposal from Bolton & Menk was reviewed noting the cost of the Preliminary Engineering report to be $9,800.00.

Motion was made by Peschong to approve the proposal from Bolton & Menk to complete the Preliminary Engineering Report in the amount of $9,800.00 and recommend such to the City Council. Seconded by Herzberg and unanimously carried

STREET CIP

Members reviewed the proposed plan noting the following:

- Lake Ave. in the 2017 Project
- Hudson St. and Belmont St. north of Business 23 are in the 2019 Project

Motion was made by Quade to approve the Street CIP and recommend such to the City Council. Seconded by Peschong and unanimously carried.

WATER METERS

It was reported that the installation of the radio read water meters is still in progress and the Public Works Department is in need of more units. The proposal is for 200 mxu's and 100 meters.

Motion was made by Herzberg to approve the quote from HD Water Supply in the amount of $33,200.00 and recommend such to the City Council. Seconded by Quade and unanimously carried.

WATER TOWER INSPECTION

DeWolf reported that Jamie O'Connor, at tower expert with Bolton & Menk, inspected the tower and concluded that the interior and exterior are in fair condition and at this time recommends no maintenance for a year or two.

MPCA WATER TREATMENT GRANT PROJECT

DeWolf reported the pilot project has been completed with very good results. The report has been submitted to the Department of Health. Once the City receives the Department of Health's approval the City will proceed with the design and specifications. It was questioned if the unit will go prior to or post treatment. There are advantages and disadvantages both ways, if it goes prior to treatment the City will have iron build up in the media. DeWolf noted once the design starts the City will evaluate both options. It was also questioned what the life expectancy of the media is. It was noted 20 plus years.

There being no further business, the meeting was adjourned at 5:35 p.m.

REQUEST FOR COMMITTEE/COUNCIL ACTION

COMMITTEE/COUNCIL NAME: Public Works Committee

Committee/Council Meeting Date: April 11, 2016

Agenda Section: Old Business

Originating Department: Public Works

Item Number: IV - A

ITEM DESCRIPTION: Bi-Directional Tractor Bid

Prepared by: Staff

COMMENTS:

Ron Mergen will give a verbal report. One bid was received from A & C Farm Service, Inc. in the amount of $94,900.00 for a bi-directional tractor. Money for the tractor will be taken from the water, sewer, airport, street, and park funds.

ADMINISTRATOR COMMENTS:

COMMITTEE/COUNCIL ACTION:

Motion to approve the bid from A & C Farm Service, Inc. in the amount of $94,900.00 for a bi-directional tractor and recommend such to the City Council.

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NEW HOLLAND AGRICULTURE

Retail Offer

CUSTOMER INFORMATION:	DEALERSHIP
CITY OF PAYNESVILLE	A & C FARM SERVICE, INC.
221 WASHBURNE AVE	412 BRIDGE STREET
PAYNESVILLE, MINNESOTA 56362 USA	PAYNESVILLE, MN 56362 USA
	320-243-3736
	SALESPERSON: LARRY - 320-250-5605

Retail Offer Number:	0001026779-1
Retail Offer Valid to:	*03/31/2016*
Description:	TV6070 BID

UNITS OFFERED

Unit # 1 TV6070	
Vehicle / Quote Number:	0012294356
Sales Order Number:	0080963762
VIN/Serial #:	RVS141534

List Price	173,704.00
Offered Price	133,900.00
Setup	4,000.00
Delivery	2,000.00

TRADE IN DETAILS

9030

Serial #	Engine #	Model Year	MFG	Family	Model	Condition	Hour
		1996	1177	Tractors 100+ PTO HP	9030	GOOD	3757

9030 TRACTOR	
Value	45,000.00
Trade Remaining Payment	0.00
Equity	45,000.00
Trade Ins Subtotal	$-45,000.00

Total	$139,900.00
Down Payment	$0.00
Total Offer Value	**$94,900.00**

FINANCING INFORMATION

Financed By	N/A	**Amount Financed**	94,900.00	**Term in Months**	
Loan Type		**Rate Type**		**Interest Rate**	

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Retail Offer

Vehicle Configuration

Vehicle / Quote Number: 0012294356, 0080963762

NORMAL	NORMAL OFFER	
NHAG	NEW HOLLAND AG	
116KW	116 KW (115HP) ENGINE	
	Base price	125,300.00
720852	AIR SUSPENSION SEAT-STANDARD	
756171	3/4 " HYD CPLRS/CASE DRAIN	427.00
720331	3 CAB PLUS 2 EE HYD VALVES	4,802.00
720571	ATTACHMENT POCKETS	
720841	HYD SYSTEM- 30GPM- STD	
729757	CAB END 3PT HITCH- STD	
729744	ENGINE END 3 POINT HITCH	7,346.00
757158	ENG END PTO 540/1000 RPM	5,812.00
720809	CAB END PTO 540/1000 RPM	
754170	84LB LONG LOADER	12,512.00
754952	1.5YD COMBINATION BUCKET	1,839.00
720699	GRAPPLE HOSE KIT 84LB	
729596	EE WHEEL WTS 34 INCH RIMS	
8066446	18.4R34 R1 * RADIAL	7,897.00
720439	CAB END AXLE W/DIFF LOCK-STD	
728483	EE AXLE WITH DIFF LOCK	1,133.00
720298	SPLITTER GEARBOX	
429211	REVERSING ENGINE FAN	3,590.00
720207	TRANS/HYD OIL HEATER	
728990	TOOLBOX	
728262	BLUE HOOD & FENDERS- STD	
720007	NORTH AMERICAN CONFIGURATION	
728809	FLOOR PEDAL F/CAB END HYD	344.00
754956	GRAPPLE FORK ASSY	2,702.00
720612	DELUXE ROPS CAB	
728077	RADIO AM/FM/WEATHER	
720486	TPH LINKS ENGINE END	
720485	TPH LINKS CAB END- STD	
720369	EE DRAWBAR W/CLEVIS	
720912	CAB END DRAWBAR- STD	
729795	NO ENGINE END FENDERS	
729675	STANDARD LIGHTING	
729760	HYDROSTATIC SYSTEM- OPT	
	Total List Price	**$173,704.00**

Ron Mergen

From: Larsen, Kim (MDH) <kim.larsen@state.mn.us>
Sent: Tuesday, April 05, 2016 12:35 PM
To: Chuck DeWolf
Cc: Ron Mergen
Subject: Paynesville Pilot Study Comments
Attachments: VOC Samples.docx

Hi,
Here are the comments that MDH has concerning the pilot study and moving into the design phase of the Paynesville benzene removal treatment. I have also attached what MDH would consider appropriate sampling protocol for VOC's.

1. On page 2-1 indicate where the benzene level of 20 ppb was detected (what well). Specify where this number was obtained, and why it is representative of the levels of benzene that they think that the city will see. A longer narrative as to why this project is happening.
2. With the "intermediate" 30 gallon collection tank there is concern that some of the VOC's off-gas in the headspace of this collection tank, which would skew the final VOC result.
3. The 1-liter amber bottles are not the proper VOC collection bottles, and results of the testing may not be accurate due to off gassing etc. It is recommended that you re-pilot the technology and use the proper sample collection devices and use the proper sampling protocol to get a new set of results.
4. Since the pilot test has two columns with separate "clean" air supplies, the results will not be totally accurate since the first column will have "clean" unsaturated or partially saturated air to strip the VOC's out of the first column. This is not representative of a final design if a single aeration tower design is used in the full scale design.
5. The make and manufacturer of the packed tower media must be disclosed. This is the packed tower medial that MDH would expect in a full scale design. If a different packed tower media may be used in the full scale design, then other packed tower media should be piloted. The different media will more than likely give different removal results.
6. Why did the toluene in the second test, intermediate tank increase from the influent concentration? (page 2-9). A more in depth analysis of the anomaly should be considered. If toluene is not a goal for removal in the pilot or for the full scale equipment, do not include the results in the summary.
7. If a curve for the benzene removal is to be developed, more data points will be needed (more than 2 data points).
8. If the benzene concentrations in the packed tower aerator influent exceed that level that was pilot tested, then there may be an issue achieving the owners initial goal of 0.0 ppb or even getting below the HBV or 2 ppb..
9. Decide if the equipment will be installed before or after the filter. Pilot the equipment with representative raw well water if the decision is made to place the air stripping before the filter. This would be to analyze if the iron/manganese removal would affect the VOC removal.
10. If the city's goal is to get to 0 ppb for benzene, then they did not achieve their goal for the pilot study. I would recommend that they conduct an additional pilot study to see if the air flow rate and the water flow rate could be optimized to achieve their goal of 0.0 ppb for benzene.
11. **The owners of the system must agree that this project will satisfy their requirements. Did the pilot study meet their goals and will a full scale version of this be satisfactory?**

Based on this pilot study, I would be uncomfortable with proceeding with a design that is supposed to meet their goal of 0.0 ppb of benzene. It is recommended that the a pilot study be carried out to see if they can optimize the benzene removal. The range of benzene spiking used should also be explained in more detail.

Please let Brian Noma (651-201-4683, brian.noma@state.mn.us) or me know if you have any other questions.

Kim Anding Larsen, P.E.

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