



OFFICIAL NOTICE AND AGENDA
of a meeting of a City Board, Commission, Department
Committee, Agency, Corporation, Quasi-Municipal
Corporation, or Sub-unit thereof.

A Meeting of Wausau Water Works Commission will be held in the
Board Room, 2nd Floor City Hall, Wausau, WI 54403 at 1:30 p.m. on
Tuesday, August 5, 2014.

AGENDA

1. Roll Call
2. Approve Minutes of July 1, 2014 meeting
3. Staff Report on Utility Operations
 - Well 11
 - Bottling of Water
 - Watermain Projects
 - Governor Walker Requests FEMA Disaster Declaration
 - Billing Adjustment Request for Village of Brokaw
 - Billing Adjustment Request for 1703 North 2nd Street
 - Required Lead and Copper Testing
 - Mr. Gehin's Status as Utility Commissioner
 - Water Rate Application
 - Permit Discharge Limits for July
 - Rehab of Final Clarifier #3
 - Sewer Lining Project
 - Purchase of Property at Cleveland and Joyce Streets
 - New Air Handling Unit
4. Consider request for billing adjustment – Village of Brokaw
5. Consider request for billing adjustment – Todd Utecht
6. Discuss and make recommendation regarding the sole source document for the Gateway Project.

Adjourn

Signed by: /s/ James E. Tipple
Presiding Officer or Designee

ATTN: Newsroom
Daily Herald

Faxed by: Lori Wunsch

Date: 07/29/2014

Time: 11:00 a.m.

THIS NOTICE POSTED AT CITY HALL

Date: 07/29/2014 Time: 11:00 a.m.

By: Patti L. Sorenson

Please note that, upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services.
For additional information or to request this service, contact the City Clerk, at 407 Grant Street, Wausau, WI 54403-4783 or telephone (715) 261-6640.



Minutes of July 1, 2014

A meeting of the Wausau Water Works Commission was called to order at 1:30 p.m. in City Hall on July 1, 2014. In compliance with Wisconsin Statutes, this meeting was posted and receipted for by the Wausau Daily Herald on June 25, 2014.

1) **Roll Call**

Members present: President Tipple, Commissioners Gehin, Otto, and Rebman.

Others present: Dave Erickson; Deb Geier; Valeria Swanborg; Kevin Fabel; Ken Ligman, Becher Hoppe Associates; Don Swailes, AECOM.

2) **Approve Minutes of June 3, 2014**

Motion by Mr. Rebman to approve the minutes of the June 3, 2014 meeting. Seconded by Mr. Gehin. Motion carried unanimously 4-0.

3) **Staff Report on Utility Operations.**

- Crews have switched over the plant clarifier to the south unit. The Distribution Crew has been assisting in the cleaning of the north unit.
- The Distribution Crew has remained busy repairing hydrants along with leaking stubs, laterals and mains. We are still playing catch up from the severe winter.
- The valve in front of the Courthouse was repaired on Thursday night, June 12. This work needed to be done after hours due to shutting the water service down for the Courthouse and to accommodate lane closures on Forest Street that were needed to perform the work safely.
- Supervisors have been busy with performance reviews with the employees. It has been a good chance to sit down with each of the employees to discuss their duties and has allowed the employees an opportunity to discuss issues along with their professional development.
- The water quality report will be in the hands of the residents prior to the July 1 deadline. This report is a federally required report which contains information about the constituents found in our drinking water. Since federal regulations require this report to contain a great amount of “boiler plate” language, this is the one newsletter that we typically hear complaints about. Efforts are made to include some interesting, fun things to lighten the overall report. The report is also required to be published in Spanish and Hmong.
- Deb Geier and Scott Boers had the opportunity to take a tour of the Waterous factory in St. Paul, MN on June 18. It was a very interesting tour. Many of the hydrants we have in service are manufactured at that factory.
- We have been getting a number of complaints regarding the patching of holes from breaks over the winter. Due to the number of holes the work has been contracted out, but the late spring has also delayed the repairs. Work is expected to start in about a week.
- The tank to haul water for bottling has been ordered, but has not been received yet. We have received a couple of requests for Northwoods Mist, and hope to be able to accommodate the organizations. However, until the tank arrives we won't be able to

bottle and our supplies are gone.

- WMZK / Radio One Communications LLC WI did not like the terms to maintain the transmitter and antenna on the Brown Street Water Tower and therefore have decided to look elsewhere. The antenna will stay as the County has talked about taking it over.
- The Wastewater Plant is on track to meet permit limits for June.
- Stevens Point intern James Napierala started working full time for the village of Hudson. Our new intern is Jake Carron and he is catching on quick.
- Visu Sewer is working on the sewer lining project.
- Flow is finally returning to normal levels. The new step screens have been working very well even with the higher than usual flows we had this spring.
- We have pretty much emptied the sludge accumulated in the storage shed over the winter. We are still a little behind in emptying the secondary digesters. The new tractor worked well for spreading.

Motion by Mr. Gehin to accept the Staff Report as presented and place on file. Seconded by Mr. Otto. Motion carried unanimously 4-0.

4) **Consider Northwoods Mist Donation Requests**

Geier explained that Nicolet Bank is requesting 300 bottles of water for a benefit for the Never Forgotten Honor Flight and the Kings Veterans Home. Geier did tell them that we could not guarantee the water would be available as it is dependent upon the arrival of the new tank. Mayor Tipple recommended Nicolet Bank be contacted again to reiterate that the water may not be available.

The second request is from the Festival of Arts. Again, until the tank arrives we cannot guarantee bottled water will be available.

Motion by Mr. Gehin to approve the donation requests from Nicolet Bank and the Festival of Arts pending the bottled water is available. Seconded by Mr. Rebman. Motion carried unanimously 4-0.

5) **Discuss and make recommendation regarding the Water Rate Structure**

Geier introduced Valerie Swanborg, who is the new accountant in the Finance Department. Together they have been working on a water rate study. One item that came up was how we want to request the breakdown for the rates. Typically in the past a declining rate of three tiers was used for both residential and non-residential customers. Over the last several years, the PSC has been pushing more conservation rates or inclining rates, especially for residential customers. They will allow a mixture of rates; therefore, an inclining rate could be used for residential customers and a declining rate could be used for non-residential so that economic development is not hampered. We could also stay with the current structure or go to a flat rate. The study needs to be submitted to the PSC in July. Other charges that could be incorporated are a non-sufficient fund charge. The current charge is \$25, the City's bank charges \$30, and Customer Service charges \$40. Staff is looking to increase this charge from \$25 to \$40. A charge for final readings could be implemented; however, staff does not recommend this charge because it could discourage people from scheduling finals and leaves outstanding account balances. Another charge is a missed appointment charge. Staff would like to apply for this as it does take staff and vehicle time to go to appointments and then no one shows up. Staff would also like to increase the deposit for construction meters to \$100 and raise the bulk rate for dispensed water at the plant to \$0.50 per 100 gallons from \$0.30. Additionally, the after-hours calls rate could be increased from \$55 to \$100 and normal calls from \$40 to \$60, which basically covers the labor and vehicle. The PSC will make the final decision to the rate structure.

At approximately 1:45 p.m., Mr. Winters entered the meeting.

Mayor Tipple asked if there are any thoughts regarding using an inclining or declining rate and excluding the business customers. Geier stated it seems the PSC has been going towards inclining rates for residential customers. Mr. Gehin questioned where the break point would be. At this point, Geier does not know what the PSC will recommend. Mr. Gehin stated at 60 units the Utility is not likely to get much extra revenue. Geier noted that Weston has 10 to 12 inclining rates. An inclining rate would affect large families the most or customers who use a significant amount of water for outside watering. Mr. Gehin asked what the peak summer demand is. Geier stated it is in the 8 million range. Discussion followed on inclining versus declining rates. Mr. Gehin questioned if items could be reserved after we hear back from the PSC. Geier believes once we get the preliminary numbers from the PSC it will be brought back to the Commission

before it goes to hearing and things can be readdressed at that point.

Under the premise that we may be able to modify the structure, motion by Mr. Gehin to approve an inclining rate for residential and irrigation customers, and all staff recommendations on the special charges. Seconded by Mr. Rebman.

Mr. Winters asked if there is a target date for this to go into effect. Geier hopes it will go into effect in the first quarter of next year and added it takes about 6 to 9 months to turn a rate study around.

There being a motion and a second, motion to approve an inclining rate for residential and irrigation customers and all staff recommendations on the special charges carried unanimously 5-0.

6) Discuss and make recommendation regarding proposed amendments to Chapter 13.62 of the Wausau Municipal Code

Kevin Fabel stated as a requirement of our WPDES Discharge Permit, the City is required to administer a pretreatment program. This regulates industrial users who discharge to our Wastewater Treatment Plant. Earlier this year, the EPA and the DNR made changes to the state statutes and federal codes. As a result of those changes, our Sewer Use Ordinance needs to be modified to mirror those changes.

Motion by Mr. Rebman to approve the proposed amendments to Chapter 13.62 of the Wausau Municipal Code. Seconded by Mr. Otto.

Mr. Gehin stated there have been some concerns with rags at the lift stations and questioned if the language was strong enough to deal with rags. Fabel stated these amendments do not apply to residential.

There being a motion and a second, motion to approve the proposed amendments to Chapter 13.62 of the Wausau Municipal Code carried unanimously 5-0.

7) Discuss and make recommendation regarding the Offer to Purchase property at 1524 Cleveland Avenue

Erickson stated the Offer to Purchase had a contingency whereby if an issue came forward it would have to be approved by the Commission. The time period has lapsed so now a closing date can be scheduled. The City Surveyor has completed the survey and the City Assessor has prorated the taxes through the end of June.

Mr. Otto questioned if this meets all the criteria regarding the purchasing of property. Mayor Tipple confirmed.

Mr. Winters moved to approve the Offer to Purchase property at 1524 Cleveland Avenue. Seconded by Mr. Gehin. Motion carried unanimously 5-0.

8) Adjourn

There being no further business to discuss, motion was made by Mr. Rebman to adjourn the meeting. Seconded by Mr. Otto. Motion carried unanimously 5-0. Meeting adjourned at approximately 2:00 p.m.

/s/ Keene Winters

Secretary



July 29, 2014

MEMORANDUM

TO: President Tipple
Commissioner Gehin
Commissioner Otto
Commissioner Rebman
Commissioner Winters

FROM: Dave Erickson, Wastewater Superintendent
Deb Geier, Utility Resource Manager

SUBJECT: Staff Report – July 2014

DRINKING WATER DIVISION

1. Routine sampling in June came back with an unsafe at Well 11. The plant operator took the well offline immediately and we have been chlorinating to resolve the problem. WDNR requires two consecutive safe samples before the well can be put back into service. We were able to get one safe, but then the next sample came back as unsafe. We will try chlorinating again, but if that does not work, we will need to have the well acidized. We had this same issue happen about 5 years ago with this well, and acidizing was the only solution at that time. Quotes are being received for this process. Fortunately, with the cool, wet summer we've had there hasn't been a huge demand.
2. We finally received the tank that we ordered for hauling water to the bottler for Northwoods Mist. We have gotten on the schedule at Twigs Beverage for August 12, so we hope to have water available shortly after then. Based on that schedule we will be able to honor some of the requests we've received.
3. Contractors are in town working on some of the larger watermain projects that developed over the winter that was beyond the scope of what our staff would have been able to tackle at the time, such as the pipe that is in a casing on the Prospect Avenue bridge. Based on the number of mains and services that we did repair this past winter and spring there are a significant number of road patches also. A contractor has been hired to work on those as well.
4. Marathon County Emergency Government advised that Governor Walker has requested a federal disaster declaration for costs associated with the past winter. The counties in the declaration request include Chippewa, Clark, Fond du Lac, Kenosha, Marathon, Milwaukee, Winnebago and Wood, which represents a sample group of counties representing a cross-section of the state. Damages in these counties alone totaled \$11.3 million. Initial estimates

reflected approximately \$25 million in 69 counties. If the disaster declaration is approved, preliminary damage assessments would be conducted in other affected counties to see if they would be eligible to be added. Additional qualifications would be required to ensure that counties requesting aid meet the per capita criteria as well as showing the severity of the damage and need for assistance due to local and state resources being overwhelmed.

5. The Village of Brokaw has requested a billing adjustment for the water that they used over the winter to keep their system from freezing. In initial talks with the PSC earlier this year, the PSC did not feel we should be giving any adjustments. Deb has a call into them to again discuss this matter.
6. Todd Utecht has requested to be on the agenda regarding a leak that occurred at one of his rental properties at 1703 N. 2nd St. His initial requests with City staff resulted in denial of his request for an adjustment. He was advised that he could contact the PSC which he did. The PSC basically reiterated that the utility was correct in how we handled the situation. However, the PSC did offer that he could request an adjustment as an unknown leak. Since this leak was the result of actions by a vacating tenant, utility staff questions whether we should have any responsibility to offer any type of adjustment. Past practice of this type of adjustment has been limited to instances such as where there was a leak in a pipe where the water was escaping into a meter pit, or crawl space without being known that something was leaking. This matter will be on the agenda for commission review, and copies of our notes and correspondence is included in your packet for review.
7. We are currently in the middle of our required lead and copper testing. The WDNR requires us to test a cross section of a certain group of properties with lead pipe or solder every 3 years. Although we've done this testing for quite a few years, basically on the same properties, we're experiencing difficulties this year getting people to agree to participate. We were hoping to test 15 homes in July and another 15 in August. However, we were only able to get participation from 11 homes for this round.
8. Back in April, Joe Gehin requested the City Attorney review his status as a Utility Commissioner and a part-time employee of Becher Hoppe to avoid a potential conflict in interest. The City Attorney forwarded his request to the State of Wisconsin Government Accountability Board, and they have determined that no conflict exists. It was recommended however that "Mr. Gehin should not participate in Commission decisions concerning the retention of Becher-Hoppe or decisions that pertain to matters involving services provided to the City by Becher-Hoppe as long as he is employed by that firm." Based on that information, Mr. Gehin will continue as a utility commissioner.
9. The water rate application has been submitted to the PSC. Normal turn around for a study is approximately 6-9 months. A public hearing is expected after the first of the year.

WASTEWATER DIVISION

1. The Wastewater Plant is on track to meet permit limits for July.
2. We had a preconstruction meeting with Ahern Construction for the rehab of final clarifier #3 on July 11th. Their original construction schedule would have had them starting the week of July 21st and completing the project in October when the fiberglass weirs would be ready. We were concerned about having the clarifier down for that length of time so they revised the start date to mid-August and complete in October.

3. Visu Sewer has completed the sewer lining project for 2014.
4. The City closed on the purchase of the property at Cleveland and Joyce Streets on July 18, 2014
5. The new air handling unit and AC condenser were delivered on July 24th and 25th. We are scheduling the installation with RCAD, the contractor who was awarded the project.

From: Renee Koback <RKoback@wrwa.org>
Sent: Wednesday, July 23, 2014 1:13 PM
To: Dave Lawrence
Cc: Renee Koback
Subject: WRWA Special Alert: Governor Scott Walker Requests FEMA Disaster Declaration

Governor Scott Walker Requests FEMA Disaster Declaration

Request covers eight counties facing damages from record cold, including frozen pipes

Wednesday, July 23, 2014 - Press Release

Madison – Governor Scott Walker has requested a federal disaster declaration for local government costs associated with the record severe winter weather of 2013-14. The counties in the declaration request are Chippewa, Clark, Fond du Lac, Kenosha, Marathon, Milwaukee, Winnebago, and Wood. This declaration would help pay for \$11.3 million in damage to public infrastructure in those counties. Examples of damage include broken water mains and frozen water towers due to the extreme cold and record setting frost depths.

“The devastating cold overwhelmed many of our towns, villages, cities, and counties,” Governor Walker said. “This declaration would help many municipalities pay for these unexpected damages.”

Initial Uniform Disaster Situation Reports (UDSR) showed damage from the extreme cold totaled in excess of \$25 million in 69 Wisconsin counties. After those initial reports came in, Wisconsin Emergency Management submitted a sample group of counties representing a cross-section of the state for a technical review. The selected counties supplied extensive data on the depth of frost and on the documented damage. This review became the Preliminary Damage Assessment (PDA) for those counties which were listed in the disaster declaration request submitted today.

If the declaration request is approved, PDA’s will be conducted in other affected counties to see if they would be eligible to be added to the declaration.

This assessment process is only the first step in determining if Wisconsin qualifies for a presidential disaster declaration. Damage to public infrastructure must reach \$1.39 per capita for the state, which is approximately \$8 million. Also, individual counties would have to reach their \$3.50 per capita amount to qualify for public assistance. The counties listed in this disaster declaration surpassed this threshold, as did the state.

The second step is to show the severity of the damage and the need for the assistance due to local and state resources being overwhelmed.

Damages to homes and businesses did not meet requirements for a Federal Emergency Management Agency (FEMA) major disaster declaration for individual assistance.

David Lawrence
WRWA Executive Director
(715) 344-7778
dlawrence@wrwa.org
www.wrwa.org

AGENDA ITEM #6



CITY OF WAUSAU

SOLE SOURCE PURCHASE JUSTIFICATION

REQUIRED FORM PURCHASE OF GOODS OR SERVICES EXCEEDING \$5,000

Purchase of goods or services under \$25,000 may be made without competition when it is agreed in advance between the Department Head and the Finance Director. Sole source purchasing should be avoided unless it is clearly necessary and justifiable. The justification must withstand public and legislative scrutiny. The Department Head is responsible for providing written documentation justifying the valid reason to purchase from one source or that only one source is available. Sole source purchasing criteria include: urgency due to public safety, serious injury financial or other, other unusual and compelling reasons, goods or service is available from only one source and no other good or service will satisfy the City's requirements, legal services provided by an attorney, lack of acceptable bids or quotes, an alternate product or manufacturer would not be compatible with current products resulting in additional operating or maintenance costs, standardization of a specific product or manufacturer will result in a more efficient or economical operation or aesthetics, or compatibility is an overriding consideration, the purchase is from another governmental body, continuity is achieved in a phased project, the supplier or service demonstrates a unique capability not found elsewhere, the purchase is more economical to the city on the basis of time and money of proposal development.

1. Sole source purchase under \$5,000 shall be evaluated and determined by the Department Head.
2. Sole source purchase of \$5,000 to \$25,000 a formal written justification shall be forwarded to the Finance Director who will concur with the sole source or assist in locating additional competitive sources.
3. Sole source purchase exceeding \$25,000 must be approved by the Finance Committee.

-
1. Provide a detailed explanation of the good or service to be purchased and vendor.

Upgrade of current meter reading system to allow pole top reading of approximately 75% of the City. Project will be phased in over time to eventually encompass entire City.

Ferguson Water Works #2516

2. Provide a brief description of the intended application for the service or goods to be purchased.

Gateway system will work with our current radio read boxes - no need to upgrade equipment. Will also enhance customer service in regard to reading finals or check readings

3. State why other products or services that compete in the market will not or do not meet your needs or comply with your specifications.

Compatibility with current meters, radio boxes. Gateway system is a Neptune product.

4. Describe your efforts to identify other vendors to furnish the product or services.

Ferguson Water Works #2516 is only vendor for Neptune meter products in our territory

5. How did you determine that the sole source vendor's price was reasonable?

Neptune and Ferguson Water Works have had a long standing relationship with Wausau Water Works and have always been competitive in their pricing

AGENDA ITEM #6

6. Which of the following best describes this sole source procurement? Select all that apply.

- Product or vendor is uniquely qualified with capability not found elsewhere.
- Urgency due to public safety, serious financial injury or other. (explain)
- The procurement is of such a specialized nature that by virtue of experience, expertise, proximity or ownership of intellectual property
- Lack of acceptable quotes or bids.
- Product compatibility or the standardization of a product.
- Continuation of a phased project.
- Proposal development is uneconomical.

Department:

Wausau Water Works - Drinking Water Division

Preparer:

Deb Geier

Vendor Name:

Ferguson Water Works # 2516

Expected amount of purchase or contract:

Phase 1 - 78,144 (including installation)

Department Head Signature:

James E. Ruppel

Date:

7/23/14

AGENDA ITEM #6



*Per proposal
sent 6/1/04*

4.7.14

RE: City of Wausau - Base Bid Proposal
Site Survey for Neptune Gateway Receiver Locations

Based on the Neptune Gateway locations selected from the propagation study, Ferguson Waterworks conducted a site survey of each location. Below we will describe the findings and base recommendations with alternate options for each location. In addition to the hardware required from Neptune there are site specific conditions that we will provide a supplement cost for as well as the details for each if the city would chose to contract these items at their convenience.

Site 1: Baseball Field (East side-north)

The baseball field is a quality location. The height of the light towers is ideal. The preferred installation method here would be to mount the R900 Gateway at approx. 10-13 feet from grade on a light tower. An antenna would be run the height of the tower.

Material specifics: R900 Gateway - Cellular, UPS Outdoor System Assembly (Wall/Pole), 90 feet ½" diameter coax, (2) ½" connector male, (2) ½" connector female, RF Antenna Wall Mounting Kit, External Cellular Antenna Mounting Kit. (Omni to fabricate custom mounting bracket)

\$8,311.00

AGENDA ITEM #6



AGENDA ITEM #6

Site 2: Parking Ramp (East side-central)

The parking ramp is a good location. There could be a shadow affect with two of the taller surrounding buildings. However the effects of this will not be realized until the unit is installed. There are two options for R900 Gateway placement; inside the top floor of the staircase or outside on the ventilation piping. We have selected a roof mount stand for this location. The collector will ideally be mounted inside the staircase. The antenna will be roof mount or pipe to pipe mount off the ventilation pipe. Base bid is a roof mount.

Material specifics: R900 Gateway – Cellular, UPS Outdoor System Assembly (Wall/Pole), 30 foot coax, RF Antenna w/Brackets, RF Antenna Wall Mounting Kit, RF Antenna Mounting Bracket Kit, External Cellular Mounting Kit, and the appropriate amount of cinder blocks to achieve the ballast to equal the wind load that we are designing to meet. (Omni to supply mount, pad and ballast)

\$8,209.00



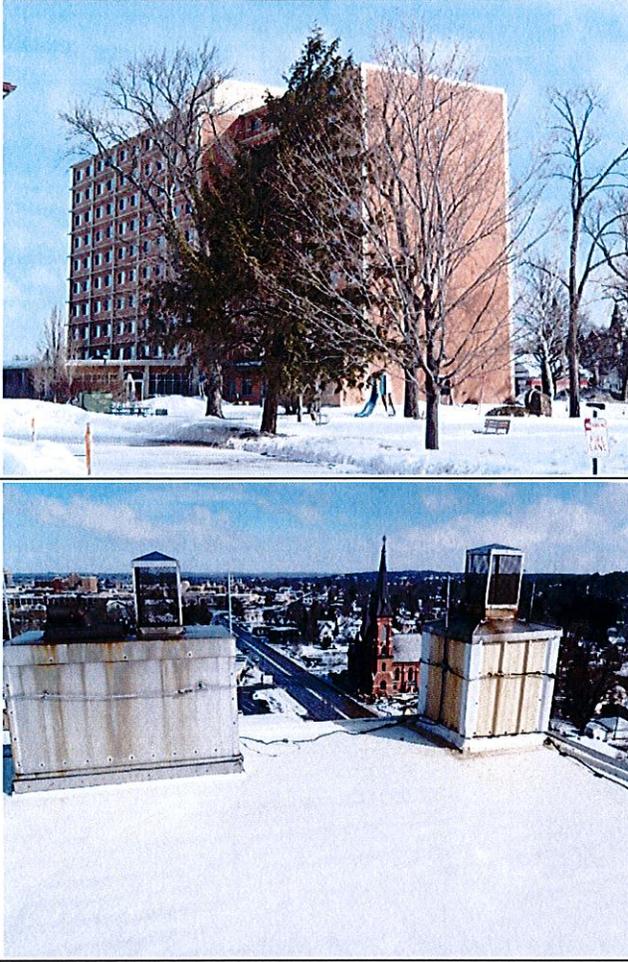
Site 3: Housing Authority Building (East side – south)

The Housing Authority location is a quality location. The height of the building is ideal. We would like the R900 Gateway receiver to be installed inside the attic utility room. We have selected a roof mount stand for this location. The antenna would be run to the Roof Mount Stand on the buildings highest point.

Material specifics: R900 Gateway – Cellular, UPS Outdoor System Assembly (Wall/Pole), RF Antenna w/Brackets, 60 feet 1/2" diameter coax, (2) 1/2" connector male, (2) 1/2" connector female, RF Antenna Wall Mounting Kit, RF Antenna Mounting Bracket Assembly. (Omni to supply mount, pad and ballast)

\$8,140.00

AGENDA ITEM #6



Site 4: High School (West side – north)

The high school is a quality location. The building height should be sufficient for adequate Gateway reception. We have selected a roof mount stand for this location. R900 Gateway location for installation to be determined. However, we did notice a “pole” on the highest point of the roof but were unable to inspect. We will look to attach pipe to pipe to that fixture or roof mount at that same height.

Material specifics: R900 Gateway – Cellular, UPS Outdoor System Assembly (Wall/Pole), RF Antenna w/Brackets, 100 feet ½” coax, (2) ½” connector male, (2) ½” connector female, RF Antenna Wall Mounting Kit, RF Antenna Mounting Bracket Assembly, External Cellular Antenna Mounting Kit. (Omni to supply mount, pad and ballast)

\$8,334.00

AGENDA ITEM #6



Site 5: Reservoir (West side – central)

The location and natural height of the reservoir provide a quality location. There are two options for this location. A pole with vertical antenna could be installed to mimic the emergency communications currently onsite. The second option would be to install a Roof Mount Stand at the peak of the reservoir next to the existing roof mount antenna currently at the peak. We have selected to use a Roof Mount Stand for the base bid at this location. Another option would be to use a magnetic mount on the roof at an additional cost if desired.

Material specifics: R900 Gateway – Cellular, UPS Outdoor System Assembly (Wall/Pole), RF Antenna w/Brackets, 200 feet ½" coax, (2) ½" connector male, (2) ½" connector female, RF Antenna Wall Mounting Kit, RF Antenna Mounting Bracket Assembly, External Cellular Antenna Mounting Kit, and the appropriate amount of cinder blocks to achieve the ballast to equal the wind load that we are designing to meet. (Omni to supply mount, pad and ballast)

\$9,963.00

AGENDA ITEM #6



Site 6: WWTP (West side – south)

The WWTP is not an ideal location only because the height is not as great as we would like to see for adequate coverage across this area. There are two options to consider for this location. We could use a Roof Mount Stand on top of the highest point of the WWTP. The second option would be to mount an antenna extending the height from the wood utility pole on the northeast corner of the Public Works building. This option would enable the antenna to reach the preferred height to maximize the coverage for the area.

Based on our access we have proposed using the WWTP facilities roof access with a Roof Mount Stand with cellular backhaul. Please also consider access to either building's Ethernet systems. Ethernet would enable remote access and diagnosis for future troubleshooting.

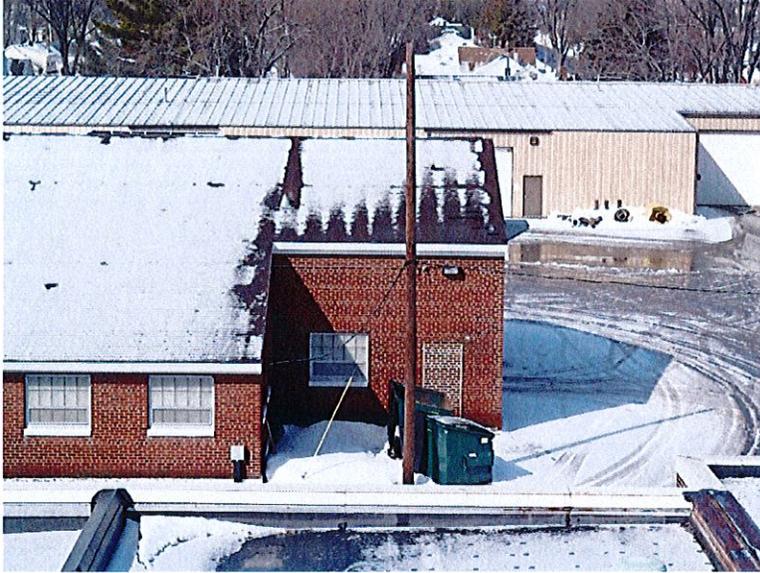
Material specifics: R900 Gateway – Cellular, UPS Outdoor System Assembly (Wall/Pole), RF Antenna w/Brackets, 100 feet ½" coax, (2) ½" connector male, (2) ½" connector female, RF Antenna Wall Mounting Kit, RF Antenna Mounting Bracket Assembly, External Cellular Antenna Mounting Kit, and the appropriate amount of cinder blocks to achieve the ballast to equal the wind load that we are designing to meet. (Omni to supply mount, pad and ballast)

\$8,345.00

AGENDA ITEM #6



AGENDA ITEM #6



AGENDA ITEM #6



Proposal for City of Wausau, Wisconsin

Neptune Gateway Installation & Implementation

5.19.2014

The following is a proposal to use Omni Contracting in conjunction with Ferguson Waterworks for the installation for and implementation of the Neptune Gateway receiving units at six predetermined locations; Wausau High School, Elm Street Reservoir, WWTP, baseball field, east central parking ramp and City of Wausau Housing Authority.

Omni Contracting has been on site at each site and has provided a complete installation with sweep. Each site proposal includes labor for one day for a crew of 3 and project management. Additional labor and/or materials will be handled on a time and material basis as needed.

City of Wausau High School

Includes: coax support as needed, ground kit for ½" LDF, all hardware needed for mounting the collector and UPS boxes, non-penetrating roof mount (5' pipe) with rubber pad and ballast (cinder block), wall penetration for coax, sweep test upon completion, up to 50' ½" LDF and 2-N male connectors. Ferguson Waterworks to provide antenna, coax, connectors, collector and UPS boxes.

\$4,488.00

AGENDA ITEM #6

Elm Street Reservoir

Includes: coax support as needed, ground kit for ½" LDF, all hardware needed for mounting the collector and UPS boxes on the exterior brick wall, use of existing antenna mount located on the center of the reservoir tank or removal of existing antenna and associated coax, mount and antenna if necessary, painting for coax, ½" LDF and 2-N male connectors.

\$3,933.00

City of Wausau WWTP

Includes: non-penetrating roof mount (10' pipe) with rubber pads and adequate ballast, coax support as needed, ground kit for ½" if required, all hardware needed for mounting the collector and UPS boxes on the exterior brick wall, sweep test upon completion, ½" LDF and 2-N male connectors.

\$4,400.00

Baseball Field

Includes: custom antenna mount (fabricated on site), hoisting grip for ½" LDF, ground kit for ½" LDF, material necessary for mounting the collector and UPS boxes on the light pole, coax routing hardware, 2" rubber cap for coax entry into pole, sweep upon completion, ½" LDF and 2-N male connectors.

**Does not include cost of Man-lift. Unknown if there is access to the top of the light pole. If lift is required, the cost will be in addition to the quote.

\$4,488.00

Parking Garage

Includes: non-penetrating roof mount (5' pipe) with rubber pads and ballast, coax support as needed, wall feed thru, ground kit for ½". All hardware needed for mounting the collector and UPS boxes inside the penthouse, sweep upon completion, ½" LDF and 2-N male connectors.

\$4,122.00

Housing Authority

Includes: non-penetrating roof mount (5' pipe) with rubber pads and ballast, coax support as needed, wall feed thru, ground kit for ½". All hardware needed for mounting the collector and UPS boxes inside the penthouse, sweep upon completion, ½" LDF and 2-N male connectors.

\$4,411.00

AGENDA ITEM #6

Ferguson Waterworks Neptune Gateway implementation. All sites.

\$1,000.00