

CITY COMMISSION MEETING AGENDA

City Hall Commission Chambers

Monday, May 16, 2016

7:00 p.m.

MEETING #5036

CALL TO ORDER

ROLL CALL

INVOCATION BY Father Wesley Schawe of Cathedral of Our Lady of Guadalupe Church

PLEDGE OF ALLEGIANCE

PETITIONS & PROCLAMATIONS

National Public Works Week Proclamation

VISITORS (Limit of five minutes per individual and fifteen minutes per topic. Final action may be deferred until the next City Commission meeting unless an emergency situation does exist).

Water Conservation Report. Report by Public Works Director, Corey Keller.

CONSENT CALENDAR

1. Approval of City Work Session Minutes, May 2, 2016;
2. Approval of City Commission Meeting Minutes, May 2, 2016;
3. Appropriation Ordinance No. 10, May 16, 2016;
4. Approval of Contract with Wald's All American Display Fireworks.

ORDINANCES & RESOLUTIONS

Resolution No. 2016-15: A Resolution Authorizing the Improvement or Reimprovement of Certain Main Trafficways within the City of Dodge City, Kansas; and Providing for the Payment of the Costs Thereof. Report by Finance Director/City Clerk, Nannette Pogue.

NEW BUSINESS

1. Approval of Proposal from Sweeney's Pavement Maintenance for the Application of Mastic Crack Sealant. Report by E.I. Civil Engineer, Tanner

2. Approval of Bids for Well Testing. Report by Public Works Superintendent, Corey Keller.
3. Approval of Proposals for Phase 1 SCADA Replacement for Water & Wastewater Systems. Report by Public Works Superintendent, Corey Keller.

UNFINISHED BUSINESS

OTHER BUSINESS

ADJOURNMENT

PROCLAMATION

WHEREAS, public works services provided in our community are an integral part of our citizen's everyday lives; and

WHEREAS, the support of an understanding and informed citizenry is vital to the efficient operation of public works systems and programs such as water, sewers, streets and highways, public buildings, solid waste collection, and snow removal; and

WHEREAS, the health, safety and comfort of this community greatly depends on these facilities and services; and

WHEREAS, the quality and effectiveness of these facilities, as well as their planning, design, and construction, is vitally dependent upon the efforts and skill of public works officials; and

WHEREAS, the efficiency of the qualified and dedicated personnel who staff public works departments is materially influenced by the people's attitude and understanding of the importance of the work they perform.

NOW, THEREFORE, I, Joyce Warshaw, Mayor of the City of Dodge City, do hereby proclaim the week of May 15 through May 21, 2016 as

“NATIONAL PUBLIC WORKS WEEK”

in the City of Dodge City, and I call upon all citizens and civic organizations to acquaint themselves with the issues involved in providing our public works and to recognize the contributions which public works officials make every day to our health, safety, comfort, and quality of life.

Given under my hand and the Seal of the City of Dodge City this 16th day of May, 2016.

Joyce Warshaw, Mayor

Attest

Nannette Pogue, City Clerk

Memorandum

To: City Manager
City Commissioners

From: Corey Keller
Superintendent of Public Works

Date: May 12, 2016

Subject: Water Conservation Report

Agenda Item: Other Business

As outlined in our Water Conservation plan; staff must review the plan annually for any changes necessary. Upon review of the document, the only changes that were made were the adjustments to water and sewer rates along with the addition to the moisture indicator ordinance for newly installed irrigation/sprinkler systems previously approved by the commission.

Since our last discussion about water conservation; City staff has continued to monitor monthly usage reports of city facilities. These reports are reviewed by staff to monitor for problems or excessive unwarranted use. We did see an increase in water use at City facilities between 2014 and 2015. This practice has allowed staff to adjust watering times on irrigation systems, investigate potential leaks, and look for new opportunities for conservation. Staff continues to look for new opportunities to conserve water and to educate the public when opportunities present themselves. Staff will be implementing a low water use demonstration area this year. This area will highlight water conservation and landscaping techniques to assist with educating the public.

Water Savings

City Owned Facilities

	2014	2015	
Water Used	58,980,201	60,039,445	1,059,244 gallon increase
All City Wells	4823 acre feet	4079 acre feet	(744) acre feet
National Beef	2354 acre feet	2660 acre feet	306 acre feet

2015 Irrigation

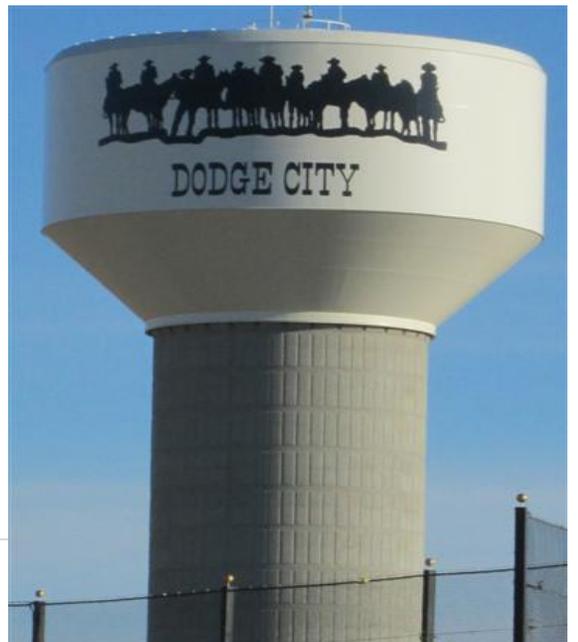
Water sent to the golf course 2015: Approximately 54,600,000 gallons
 Allotted Acre feet well 13: 203 acre feet
 Amount used from the well 2015: 119 acre feet
 Allotted Acre feet (203) – Acre feet used (119) = 84 Acre feet saved.
 84 Acre feet = 27,371,519.86 Gallons Saved.

Water used to irrigate from the SWWT 2015: 1,663,194,564 gallons
2014: 1,785,891,117 gallons

WATER CONSERVATION PLAN

City of Dodge City, Kansas

2016



The City of Dodge City endeavors to ensure that its citizens are provided with a dependable water supply for our immediate needs and long term requirements of the community. This water conservation plan will begin to address additional ways in which potable water can be conserved and preserved by the City, residents and the business community.

Construction of the water well system began over one hundred years ago with the Ogallala Aquifer as the primary source of potable water. There are fifteen active wells located throughout the City with an additional eleven wells used for industrial and irrigation only. The City will remain proactive in exploring new water rights and will continue to maintain its existing wells, as well as drill new wells as needed.

In partnership with the State of Kansas' efforts, the City believes that water conservation measures need to be established and become common practice. The primary objective in developing and utilizing a water conservation plan is to maintain the City's water system to provide the necessary water for the daily activities and maintain levels in the storage facilities to aid in any emergency that may occur. The plan should also make the City's customers aware that conserving consumption and changing their water use habits will protect our water supply for many generations to come.

BACKGROUND

The City of Dodge City used 130 gallons per person per day (GPCD) in 2015 and has used an average of 178 million gallons per day from 2010-2015. Included in the quantity shown below are:

- Water sold to all residential/commercial/industrial customers.
- Water furnished for public facilities including public buildings, parks and zoo, swimming pools, recreational facilities, and public landscape areas being irrigated for beautification purposes.
- Leaks in the distribution system.
- Water metered or sold for construction purposes in and around the City.

However, the GPCD figure does not include municipally supplied water for industries that use over 200,000,000 gallons per year. According to Figure 1, shown in the [2014 Kansas Municipal Water Use Publication](#), our City is located in Region 4. From this publication it was determined that our City GPCD water use was 167, which was 1 percent below the regional average of 178 GPCD among cities in Region 4 during 2014. The City desires to set a water use conservation goal for usage not to exceed 175 GPCD based on the regional average of the last five years (2010-2014). Our City anticipates not exceeding this goal by carrying out the specific actions that are outlined in our plan.

AVERAGE GPCD USE FOR PUBLIC WATER SUPPLIERS IN REGION 4 KANSAS, 2010-2014

Public Water Supplier	Region	2010	2011	2012	2013	2014	AVG
Regional Average	4	168	196	199	175	154	178
Almena	4	84	104	166	183	227	115
Arnold	4	124	98	109	140	153	113
Ashland	4	218	276	286	212	195	237
Bazine	4	115	123	135	109	101	117
Bogue	4	198	211	282	225	200	223
Brownell	4	107	189	188		105	147
Bucklin	4	148	175	169	145	159	159
Clayton	4	100	97	85	129	77	98
Collyer	4	89	107	140	99	96	106
Dodge City	4	164	199	183	159	132	167
Englewood	4	398	677	444	284	220	405
Ford	4	249	289	317	232		272
Hanston	4	202	213	223	170	160	194
Hill City	4	225	227	247	250	253	240
Jetmore	4	175	222	230	215	137	196
Lenora	4	189	209	175	193	176	188
Minneola	4	184	241	215	200	159	200
Morland	4	255	195	255	215	169	218
Ness City	4	161	153	142	133	125	143
Norton	4	199	175	211	186	179	190
Norton Co. RWD #01	4	43	46	58	47	38	46
Ransom	4	128	130	124	114	99	119
Spearville	4	131	194	177	152	141	159
Trego Co. RWD #01	4	116	132	143	149	120	132
Trego Co. RWD #02	4	129	163	206	200	183	176
Utica	4	214	257	255	242	227	239
WaKeeney	4	178	181	214	177	173	185

WATER CONSERVATION EDUCATION

The City will be implementing and continuing the following education methods to promote conservation practices for the upcoming year:

- The City water bill currently shows the total number of gallons used during the billing period and the cost of the water. This will help the customer to evaluate if they can improve their conservation practices.

- Water conservation information will be submitted to local news media, including the newspaper, radio, television, website and Facebook and any other methods deemed appropriate.
- The City will display water conservation tips at the water office and other public exposure points within the City offices.

CONSERVATION PRACTICE

- Conservative watering and accountability for its own water practices will be set by the City of Dodge City.
- A low water use demonstration plot, including xeriscaping techniques, will be established by the City of Dodge City showing how water conservation landscaping can be utilized in residential and commercial areas. The demonstration area will use low water demand grasses and shrubs, limited turf areas and efficient irrigation systems, as well as, use of various types of mulches suitable for the Dodge City area.
- Departmental water usage reports will be distributed to all department heads monthly to justify water usages within their departments.
- Irrigation of greens and tees at the golf course were converted to use reclaimed water from the water reclamation plant built in 2011.

WATER MANAGEMENT MONITORING

The City of Dodge City has water meters on all water supplies and water pumped to the distribution system. Any new supply will have an individual meter on each source of supply.

Dodge City replaced and/or completely reconditioned all its well head meters in 1992 as part of a new utility monitoring and control system. These meters are read by the utility monitoring system continuously but also provide a monthly total readout approximately the last day of each month. The meters are also physically read and an accuracy calculation performed to make sure they are within 2% variance of the gallons pumped per the SCADA system.

All residential, commercial and industrial customers are currently metered. The City has continued to replace manual read meters with radio read meters and has reached 90% completion. Any new meters installed are radio read meters to increase the efficiency of reading the meters. There is a program in place to replace meters as they are deemed unreliable or nonfunctioning.

The City's leak detection program involves the meter reader and Naviline. Obvious leaks, including leaking services from meters to the main line, are documented and repaired as quickly as circumstances allow. Leaking services from the meter to the building are the responsibility of the occupant. If discovered by the City, the occupant is notified of these

leaks and required to make repairs. If the customer refuses to repair the leak after forty-eight (48) hours of being notified, the City may shut-off the service and remove the meter. This will not only prevent loss of water, but in some cases will prevent damage to property.

Water pressure is monitored continuously using the SCADA system at 703 W. Trail St. There are multiple points where pressure readings are taken throughout the City. These come from well sites, tower locations and the reservoir. Residential pressure is checked when an inquiry or concern is expressed by a customer.

Water use rates are set by resolution with a consumer price index (CPI) clause requiring an automatic adjustment annually. Customers are billed for the amount of water used as well as a base fee. Rates for 2013, 2014, 2015 and 2016 are as follows:

	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
Water base fee	\$ 7.85	\$ 7.93	\$ 8.05	\$8.17
Rate per 1000 gal water	\$ 2.11	\$ 2.13	\$ 2.16	\$2.19
Sewer base fee	\$15.80	\$15.96	\$16.19	\$16.43
Rate per 1000 gal sewer	\$ 2.14	\$ 2.16	\$ 2.19	\$2.22

MANAGEMENT CONSERVATION PRACTICE

The City understands that a plentiful water supply will assure our future. The City has been using recycled wastewater since the early 1980's. The south reclamation plant sent to irrigation pivots 1.5 billion gallons of recycled wastewater in 2012. We have expanded the use of recycled water to significant levels in the north zone of the City as well. The wastewater reclamation site processed 90 million gallons of wastewater in 2012. This recycled water is used to irrigate Mariah Hills Golf Course and saved emergency well #13 19 million gallons. These reclamation sites are beneficial to the community as a whole and vital to the preservation of our water table that has seen little to no recharge in many years.

The City desires to continue to be a good steward of water use by repairing, or if at all possible, preventing leaks. The billing system provides valuable data to initiate investigation into variances of consumption within the City's system.

- A. All source water is metered and an accuracy test will be conducted every three years beginning in 2014. Meters will be repaired or replaced if its test measurements are not within industry standards (such as AWWA standards). Source water meters will be repaired or replaced within two weeks when malfunctions occur.
- B. All meters for source water are read at least on a monthly basis and meters at individual service connections will be read at least once every two months.

- C. The City currently utilizes a portion of its treated wastewater to irrigate approximately 2900 acres of farmland.
- D. The recently constructed water reclamation plant in the north part of town has been designed to supply irrigation water to Mariah Hills Golf Course and is permitted so that other sites can be added in the future. At some point in the future, the well currently used at Mariah Hills for irrigation will be returned to emergency municipal use.
- E. Our ongoing leak detection and repair program will continue to be utilized to target unusual consumption within the system. Our billing system is the first line of defense for service lines. A closer inspection of the water system will be initiated whenever the amount of unsold water exceeds 20 percent of the total source water for a four-month time period beginning January 2014.
- F. The City may need to consider a proposal to change the City water use rate schedule. Any change will be presented to the City Commission. A proposed rate schedule with an increasing block rate will encourage conservation practices. This will create a situation which will require users to pay more if they choose to exceed conservative use.
- G. City irrigation systems will also need to be programmed to operate with conservation practices as a priority. Watering shall occur during early morning hours for minimal evaporation. Irrigation shall be set to eliminate water dependency. The City will encourage landscaping with drought tolerant plants.
- H. Water sales are based on the amount of water used and the gallons are clearly stated on the bill.

REGULATION

Dodge City currently has added the specific water conservation practice of a moisture indicator for new irrigation/sprinkler systems. The following regulations for irrigation systems should be reviewed:

- A. Regulations to control irrigation system design and installation will be considered. All plans for such systems would require City review and approval prior to installation by development service & inspections and park departments.
- B. Separate meters will be required on all irrigation systems which irrigate more than one acre of turf.

DROUGHT/EMERGENCY CONTINGENCY

The City of Dodge City addresses its short-term water shortage problems through a series of stages based on conditions of supply and demand with accompanying triggers, goals and actions. Each stage is more stringent in water use than the previous stage since water supply conditions

are more deteriorated. The City Manager is authorized by Ordinance No. 3583 to implement the appropriate conservation measures. The purpose of the ordinance is to provide for the declaration of a water supply watch, warning and/or emergency and the implementation of voluntary and mandatory water conservation measures throughout the City in the event a drought stage is declared.

The City of Dodge City requires the implementation of a drought/emergency contingency when one of the following occurs:

STAGE 1: WATER WATCH. The goals of this stage are to heighten awareness of the public of water conditions and to maintain the integrity of the water supply system. A water watch may be declared if one or more of the following occurs:

- City's water storage falls below 75% and does not recover within 12 hours.
- Demand for five days exceeds an average of 10.75 million gallons per day. Under a water watch, the public is made aware of water conditions and is encouraged to participate in water conservation efforts.

The "Water Watch" will be terminated when the triggering events have ceased to exist.

Education actions are as follows:

- The City will make news releases to the local media (print, radio, television, online web, social media and any other methods deemed appropriate) describing present conditions and indicating the water supply outlook for the upcoming season, along with water saving tips.
- Previous months' summaries of precipitation, temperature, water levels and storage will be made public at the beginning of each month.

Management actions are as follows:

- Minimal washing of City vehicles and equipment and flushing of hydrants will be rescheduled.
- The City wells will be kept operational in regards to maintenance and equipment failure.
- Leaks will be repaired within forty-eight (48) hours of detection.
- Reduce watering times on parks and public grounds by 10%.

Regulation Actions

- The public will be asked to curtail some outdoor water use and to make efficient use of indoor water, i.e. wash full loads, take short showers, do not let faucets run, etc.

STAGE 2: WATER WARNING. The goal of this warning stage is to reduce peak demand consumption by 20% and to reduce overall consumption by 10%. This measure will be triggered by one of the following conditions:

- When the water tower storage falls below 65% or the underground pumping station has fallen below 50%, or a mechanical failure happens at either location.
- Total system storage does not recover above 65% within 12 hours.
- Demand for a three-day average exceeds 12.0 million gallons.

The "Water Warning" shall terminate when the triggering events have ceased to exist for a period of fourteen (14) consecutive days.

Education actions are as follows:

- A weekly news release describing existing conditions and projecting the water supply outlook for the following week.
- Totals for rainfall, water consumption and storage will be published weekly with a summary of temperature.
- Water conservation articles will be provided to all media sources and any other methods deemed appropriate.

Management actions are as follows:

- City water supplies will be monitored daily.
- All leaks discovered will be repaired within twenty-four (24) hours.
- Well #13 and Well #14, available for stand-by emergency use, will be prepared for service. Watering from Well #13 at the municipal golf course shall be minimized. Reuse water, provided by the north reclamation plant, will be under restrictions only per its permit.
- Reduce watering on parks and public grounds to every third day not including Mariah Hills Golf Course and City athletic complexes.
- The City will continue to observe water conservation practices, review the monthly water use for their departments, and make use of the information to see where further reductions might be made.

Regulation actions are as follows:

- Outdoor water use, including lawn watering and car washing, will be restricted to before 10:00 am and after 9:00 pm.
- Golf course will water tees and greens after sunset.
- Refilling of swimming pools will be allowed one day a week after sunset.
- Waste of water will be prohibited – a water warning will be issued to customer.

WATER EMERGENCY. The goals of this condition are to reduce peak demands by 40% and the overall consumption by 25%. This measure will be triggered by any one of the following conditions:

- The total City storage has fallen below 55%.
- Total system storage does not recover within 12 hours
- Demand for two days is in excess of 14.0 million gallons.

The "Water Emergency" shall be terminated when the triggering events have ceased to exist for a period of fourteen (14) consecutive days. Upon termination of a "Water Emergency", "Water Warning" becomes operative.

Education actions are as follows:

- Make daily news releases to local media describing current conditions and giving the following day's supply projections.
- Summaries of total rainfall, water consumption and storage will be published weekly along with average temperatures.

Management actions are as follows:

- City water supply is monitored daily by the SCADA system and personnel.
- Leaks will be repaired within twelve (12) hours of detection.
- Mariah Hills Golf Course – reduce irrigation on tees and fairways to every third day. Hand water greens and reduce green structure irrigation by 10%. All watering at the clubhouse and driving range would be shut off until further notice.
- Athletic fields – reduce irrigation on common areas and non-essential fields to every third day. Reduce overall watering times by 10%.
- Parks & public grounds – reduce watering times an additional 10% from previously established levels.
- The standby well #13 at the golf course will be connected to the City's system until the emergency has passed if deemed necessary by public works, parks, and city manager's office.

Regulation actions are as follows:

- Outdoor water use will be banned.
- Waste of water will be prohibited. Fines will be issued as per City code.

PROVISIONS FOR PLAN REVISION, MONITORING AND EVALUATION

Dodge City will continue to review its management practices on a monthly basis, reviewing totals for water pumped, water sales and water leaks. Having a continuous review of data will prevent us from falling behind on goals stated in this plan. As problems are detected, they will be corrected as soon as possible. With the intention of maintaining our goals set within this plan, the utility division will continue to review the water conservation practices of city departments and pass that information to department heads so that they may best evaluate where they might improve their usage and practices.

The City of Dodge City municipal water conservation plan will be reviewed during the month of March each year and more frequently as water conditions are deemed to be under storage or drought conditions. If the water conservation gallons per capita per day (GPCD) goals for the previous year are not met, the City will review the data collected from the previous year in relationship to the status and effectiveness of the conservation practices that are outlined in the plan and provide a status report to the Division of Water Resources (DWR) and Kansas Water Office (KWO) with the current water consumption in relation to the yearly allocations. Upon review, it may be determined that additional water conservation practices may need to be taken to achieve and maintain its water use conservation GPCD goals.

CITY COMMISSION WORK SESSION MINUTES

City Hall Commission Chambers

Monday, May 2, 2016

6:00 p.m.

WORK SESSION

1. Discussion of the Wastewater Treatment Plant Bio Gas Project was discussed. Cherise Tieben outlined the project and updated the Commission on several aspects of the project including:
 - a. Marketing and compliance. The city has received 5 proposals and those will be reviewed.
 - b. Engineering and Design
 - c. Meeting with Blackhills
 - d. Construction
 - e. Financing

The City Manager recognized Morris Reeves and Ken Strobel who have been working on this project for several years.

2. Discussion of actions that will be on the regular City Commission meeting regarding elections. Brad Ralph, City Attorney, explained the background of all the Charter Ordinances and Ordinances that the City currently has in place. These will all be repealed and replaced with one Charter Ordinance and two regular ordinances that will outline the election process and the structure of the City Commission and the City Commission meetings.

ATTEST:

Mayor

Nannette Pogue, City Clerk

CITY COMMISSION MEETING MINUTES

City Hall Commission Chambers

Monday, May 2, 2016

7:00 p.m.

MEETING #5035

CALL TO ORDER

ROLL CALL

PLEDGE OF ALLEGIANCE

PETITIONS & PROCLAMATIONS

Mayor Joyce Warshaw read the proclamation for National Tourism Week and proclaimed May 1 – May 7, 2016, as National Tourism Week. Jan Stevens, Convention and Tourism Director talked about tourism and the impact it has in Dodge City. She told the Commissioners, audience and public that there will be a reception at the Visitors Center on May 7 and there will be complimentary trolley tours given. There will also be several other activities throughout the week. Sandie Masden and Christina Haselhorst passed out packets and gifts to the City Commission and staff in honor of National Tourism Week.

Lara Brehm, Boot Hill Museum Director, talked about the Museum and their activities and updates.

Kent Stehlick, President of the Ford County Historical Society talked about the importance of funds they receive and their contribution to the tourism in Dodge City.

Kim Unruh, representing the Mariah Fund Board of Directors, talked about the Mariah fund and stated that they had processed 85 grants and awarded \$1,251,734 to organizations in Southwest Kansas who contribute to the tourism industry.

Jessie Rabe, Director of Marketing at Boot Hill Casino, talked about their contributions to Dodge City and the tourism industry.

Mayor Joyce Warshaw read the National Historic Preservation Month Proclamation and proclaimed May, 2016, as National Historic Preservation Month. Melissa McCoy, staff member of the Dodge City Historical Landmark Commission and Chairman of the Mainstreet Design team talked about historic preservation efforts in Dodge City. She introduced Krissy Pulkrabek, Mainstreet Director.

Terry Lee, Chairman of the Dodge City Historic Landmark Commission thanked the other members of the Historic Landmark Commission.

VISITORS (Limit of five minutes per individual and fifteen minutes per topic. Final action may be deferred until the next City Commission meeting unless an emergency situation does exist).

CONSENT CALENDAR

1. Approval of City Commission Meeting Minutes, April 21, 2016;
2. Appropriation Ordinance No. 9, May 2, 2016;
3. Cereal Malt Beverage License:
 - (a) Love's Travel Stops & Country Stores #558, 2505 E. Trail St.

Rick Sowers asked questions about some of the items on the appropriation ordinance. Those questions were answered.

Commissioner Brian Delzeit moved to approve the Consent Calendar as presented; Commissioner Kent Smoll seconded the motion. The motion carried unanimously.

ORDINANCES & RESOLUTIONS

Charter Ordinance No. 40: A Charter Ordinance Exempting the City of Dodge City, Kansas, from the Provisions of L. 2015, CH.88, SEC. 11, Relating to the City Manager form of Government, Election Cycles and Repealing Charter Ordinances Nos. 15, 16, 18, 19 and 22 was approved on a motion by Commissioner Brian Delzeit. Commissioner Jan Scoggins seconded the motion. The motion carried unanimously.

Ordinance No. 3626: An Ordinance Dealing with City Commission Structure and Meetings; and Amending and Repealing Certain Sections of Chapter 1 of the Code of the City of Dodge City, Kansas 22 was approved on a motion by Commissioner Brian Delzeit. Commissioner Jan Scoggins seconded the motion. The motion carried unanimously.

Ordinance No. 3627: An Ordinance Dealing with Elections; and Amending and Repealing Certain Sections of Chapter VI of the Code of the City of Dodge City, Kansas 22 was approved on a motion by Commissioner Brian Delzeit. Commissioner Jan Scoggins seconded the motion. The motion carried unanimously.

Resolution No. 2016-14: A Resolution of the City of Dodge City, Kansas, Approving the Execution and Delivery of a Naming rights Agreement with Venuworks of Dodge City, LLC and Boot Hill Casino & Resort was approved on a motion by Commissioner Kent Smoll. Commissioner Jan Scoggins seconded the motion. The motion carried unanimously.

Jessie Rabe from Boot Hill Casino and Chris Ragland from United Wireless Arena were both in attendance in support of Resolution No. 2016-14.

NEW BUSINESS

1. Commissioner Kent Smoll moved to approve the bid from Municipal Supply in the amount of \$155,430.44 and HD Supply in the amount of \$5,771.00 for a total of \$161,201.44 for Utility Water Supplies. Commissioner Rick Sowers seconded the motion. The motion carried unanimously.

OTHER BUSINESS

City Manager, Cherise Tieben

- Inquired about the Commission's availability for Special Meeting dates;
- Reminder of Tim Huelscamp's town hall meeting on May 3rd at the Cowtown from 4:30 p.m. to 5:30 p.m.;
- On May 5th the CVB will be sponsoring a Customer Service/Hospitality presentation at the Boot Hill Casino Conference Center;
- Ask the Commission if they would like a tour of the Water Park next Monday for the regularly scheduled Joint Meeting. They all answered they would like to schedule the tour;
- Once the website for the Longbranch Lagoon is set up, she will get an email out to everyone letting them know the address.

Commissioner, Brian Delzeit

- At the United Wireless Arena this month will be the Beach Boys Concert, and Dodge City Law Games. The signing of the Naming Rights Agreement for the Boot Hill Conference Center is very positive;
- Connie Pennick, an icon in Dodge City, especially for the arts, will be retiring from the Boot Hill Repertory Company. She will definitely be missed.

Commissioner, Kent Smoll

- Reported on this month's sales tax reports;
- Tourism season is upon us. Encouraged citizens to take some time to welcome people to Dodge City

Commissioner Rick Sowers

Commissioner, Jan Scoggins

- Thanks to everyone in the audience and those who have welcomed the Commission into their homes by watching the Commission meeting on television;
- Pleased with Dodge City's tourism and historic preservation.

Mayor, Joyce Warshaw

- On 5/5 at 5:55, the 5 x 5 silent auction will be held at the Depot Theater.

ADJOURNMENT

Adjournment was had on a motion by Commissioner Brian Delzeit. The motion was seconded by Commissioner Jan Scoggins. The motion carried unanimously.

Mayor

ATTEST:

Nannette Pogue, City Clerk



Parks and Recreation

PO Box 880

Dodge City KS 67801

Phone: 620/225-8160

Fax: 620/225-8144

Memorandum

To: Cherise Tieben, City Manager
City Commissioners

From: Paul Lewis, Director 

Date: May 13, 2016

Subject: Fireworks Contract

Agenda Item: Consent Calendar

Recommendation: Staff requests Commission approval to enter into contract with Wald's All American Display Fireworks in the amount of \$25,000 for the July 4th fireworks show. The contract for 2016 is a one year agreement for the July 4 display.

Background: Wald's has provided all of the fireworks shows for the Old Dodge City event since we first started in 1998 with this being the 19th year. They have provided well designed shows, choreographed with music that has developed Dodge City's reputation as a premier show in the state.

Again this year the July 4th committee is working to coordinate with other agencies and organizations to promote activities planned for the day and then culminate with the fireworks show at 10pm that night. The show will be shot from Morgan Blvd and USD 443 will allow us to use Memorial Stadium for spectator viewing.

Justification: The Dodge City show is the largest display in western Kansas and local response is overwhelmingly positive. This show draws people into the community from all around the area and several thousand people line the streets and parking areas around north Dodge to view the display.

Wald's has provided excellent service and quality displays for the event since its inception. The planning committee has met and recommends to continue contracting with Wald for the display.

Financial Considerations: The contract for this show is \$25,000. Of the total expense, the City covers \$5,000 from the Non-Departmental budget. The remainder is raised by the local fireworks committee through corporate and individual sponsors. The committee is already working towards that goal and sent out initial solicitation letters.

Purpose/Mission: The City's support of this program is consistent with the mission of the City to improve quality of life as it enhances a community wide event celebrating our history and providing entertainment for our citizens.

Legal Considerations: Liability issues with this activity are covered by Wald & Co. through a certificate of insurance with a coverage limit of \$5,000,000 for public liability and property damage.

Memorandum

To: Cherise Tieben, City Manager
From: Nannette Pogue
Date: May 12, 2016
Subject: Resolution No. 2016-15

Agenda Item: Ordinances and Resolutions

Recommendation: I recommend the approval of Resolution No. 2016-15

Background: So that the City can obtain financing for construction projects in the form of general obligation bonds or temporary notes, the project first needs to be authorized by Resolution of the City of Dodge City. At the April 4, 2016 City Commission meeting the City Commission approved the 2016 street program. This program included street projects that will need to be financed with General Obligation Bond funding. Those projects are: Park Street reconstruction from 5th Ave to Santa Fe Ave in the amount of 335,000; 1st Ave. reconstruction and waterline replacement (3 block section from Hickory St. to Division St) in the amount of 240,000; asphalt street reconstruction for 3 sections of asphalt street, 300 block of Gary, intersection of Central Ave and Frontview St and Comanche St. from Fairway Dr. to Avenue P in the amount of 225,000; US 50 and Fairway Drive Intersection in the amount of 600,000; Avenue A bridge deck replacement in the amount of 350,000; and 6th Avenue Extension in the amount of 1,600,000. Resolution No. 2016-15 formalizes the approval process for bond financing.

Justification: To issue General Obligation Bonds the specific street projects need to be authorized by Resolution.

Financial Considerations: Once the projects are authorized, funding will be issued to fund these projects.

Purpose/Mission: To maintain and improve the infrastructure in Dodge City.

Legal Considerations: None

Attachments: Resolution No. 2016-15.

RESOLUTION NO. 2016-15

A RESOLUTION AUTHORIZING THE IMPROVEMENT OR REIMPROVEMENT OF CERTAIN MAIN TRAFFICWAYS WITHIN THE CITY OF DODGE CITY, KANSAS; AND PROVIDING FOR THE PAYMENT OF THE COSTS THEREOF.

WHEREAS, K.S.A. 12-687 provides that the governing body of any city shall have the power to improve or reimprove or cause to be improved or reimproved, any main trafficway or trafficway connection designated and established under the provisions of K.S.A. 12-685 *et seq.* (the “Act”), and such improvement or reimprovement may include grading, regrading, curbing, recurbing, guttering, reguttering, paving, repaving, macadamizing, remacadamizing, constructing, reconstructing, opening, widening, extending, rounding corners, straightening, relocating, building any necessary bridges and approaches thereto, viaducts, overpasses, underpasses, culverts and drainage, trafficway illumination, traffic control devices, pedestrian ways, or other improvements or any two or more of such improvements or reimprovements and the acquisition of right-of-way by purchase or condemnation when necessary for any of such purposes; and

WHEREAS, the Act provides that all costs of improvements or reimprovements authorized thereunder, including acquisition of right-of-way, engineering costs, and all other costs properly attributable to such projects, shall be paid by the city at large and may be funded, among others, by the issuance of general obligation bonds; and

WHEREAS, the governing body of the City of Dodge City, Kansas (the “City”), has heretofore designated certain streets within the City as main trafficways, as provided by and under the authority of the Act; and

WHEREAS, said governing body hereby finds and determines that it is necessary to improve or reimprove said main trafficways, and to provide for the payment of the costs thereof, all as provided by and under the authority of the Act.

THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY OF DODGE CITY, KANSAS:

Section 1. Project Authorization. It is hereby deemed and declared to be necessary to improve or reimprove the main trafficways hereinafter set forth (collectively the “Project”) under the authority of the Act, in accordance with plans and specifications therefor prepared or approved by the City Engineer:

<u>Project Description</u>	<u>Main Trafficway Designation</u>	<u>Cost Estimate</u>
Park Street Reconstruction – Reconstruction of 5 th Ave to Santa Fe Ave	Ord. 3087	\$ 335,000
1 st Ave Reconstruction & Waterline Replacement – Replacement of a 3 block section of brick street from Hickory St to Division St. along with the underlying water main	Ord. 3038	\$ 240,000

Asphalt Street Reconstruction – Overlay three sections of asphalt street: 3000 block of Gary Ave; intersection of Central Ave. and Frontview St.; and Comanche St. from Fairway Dr. to Ave P	Ord. 3038	\$ 225,000
	Ord. 3569	\$ 600,000
US 50 & Fairway Drive Intersection	Ord. 3038	\$ 350,000
Ave A Bridge Deck Replacement	Ord 3087	\$1,600,000
6 th Ave Extension		

Section 2. Financing Authority. The costs of the Project, interest on interim financing and associated financing costs shall be payable from the proceeds of general obligation bonds of the City issued under authority of the Act (the “Bonds”).

Section 3. Reimbursement. The Bonds may be issued to reimburse expenditures made on or after the date which is 60 days before the date of this Resolution, pursuant to Treasury Regulation § 1.150-2.

Section 4. Effective Date. This Resolution shall take effect and be in full force from and after its adoption by the governing body of the City.

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ADOPTED AND APPROVED by the governing body of the City of Dodge, Kansas, on May 16, 2016.

(Seal)

Mayor

ATTEST:

Clerk

CERTIFICATE

I hereby certify that the above and foregoing is a true and correct copy of Resolution No.2016-15 of the City of Dodge City, Kansas adopted by the governing body on May 16,2016, as the same appears of record in my office.

DATED:

Clerk

Memorandum

*To: City Manager
City Commissioners*

*From: Tanner Rutschman, E.I. 
Civil Engineer*

Date: May 16, 2016

*Subject: Application of Mastic Crack Sealant
Agenda Item: New Business*

Recommendation: Approve proposal from Sweeney's Pavement Maintenance for the Application of Mastic Crack Sealant in the amount of \$75,000. They proposed to apply the most Mastic, 6,220 gallons, for the funding available.

Background: This project will perform preventative maintenance of several asphalt streets in the City. This maintenance consists of filling large transverse cracks with Mastic material to prevent water from percolating through the cracks and into the sub-grade. The following streets will receive Mastic patchwork:

- 1.) Campus Dr.
- 2.) Ave. A
- 3.) Streets North of U.S. 50 Highway
- 4.) Legends Park Parking Lot

Justification: This project will maintain the street infrastructure in the form of preventative maintenance and extend the service life of the streets.

Financial Considerations: The the Application of Mastic Crack Sealant will cost \$75,000. \$60,000 will go towards crack sealing City Streets and \$15,000 will go towards Legends Park Parking Lot. Funding of this project will be from the Special Streets Fund as well as Why Not Dodge Funds.

Purpose/Mission: The completion of this project will maintain our street infrastructure in an acceptable condition and extend the life of streets repaired under this project.

Legal Considerations: By approving the bid with Sweeney's Pavement Maintenance, the City will enter into a contract with Sweeney's Pavement Maintenance, and be responsible to make payments to Sweeney's Pavement Maintenance for the completed work.

Attachments: The bid tabulation for Sweeney's Pavement Maintenance and Circle C Paving and Construction, LLC which includes the Engineers' estimate.

Memorandum

*To: City Manager
City Commissioners*

*From: Corey Keller
Superintendent of Public Works*

Date: May 12, 2016

Subject: Approval of RFP for Well Field Testing

Agenda Item: New Business

Recommendation: Staff recommends that Commission except the proposal from Clarke Well & Equipment in the amount of \$35,328.00

Background: On March 15, 2016 staff opened requests for proposals for Well Field Testing. Staff received two proposals, one from Hydro Resources Mid-Continent Inc, out of Garden City Kansas in the amount of \$46,500.00. The other proposal was from Clarke Well & Equipment Inc. out of Great Bend Kansas in the amount of \$35,328.00 The RFP outlines performance testing to evaluate 20 of Dodge City's wells for the consideration of rehabilitation or well replacement.

Justification: Clarke Well & Equipment is low bidder. Clarke did perform the rehab work to well 5 in 2012.

Financial Considerations:

There are funds available for this testing in left over funds that were issued in 2009 for well replacement.

Clarke Well & Equipment

Testing and Evaluation of 20 Well Sites **\$35,328.00**

Hydro Resources Mid-Continent

Testing and Evaluation of 20 Well Sites **\$46,500.00**

Purpose/Mission: To ensure and provided the citizens of Dodge City with a dependable water supply for our immediate needs and the long term requirements of the community.

Legal Considerations: N/A

Attachments: N/A

Memorandum

*To: City Manager
Assistant City Manager
City Commissioners*

From: Corey Keller

Date: May 12, 2016

*Subject: Approval to Purchase Phase 1 of
SCADA Replacement*

Agenda Item: New Business

Recommendation: To approve proposals from R.E. Pedrotti Co., Inc. To start and complete phase 1 of the SCADA replacement for the water south well system and waste water south lagoon control system.

Background: Through the years the Water Department and CH2M’s SCADA systems, which monitor critical portions of the City’s water and wastewater systems, have become out of date. The current SCADA system was purchased in 1999, in 2001 the Water SCADA was separated from Wastewater SCADA to increase SCADA capacities for both systems. In 2004, the south water wells and south wastewater treatment plants were added to the system. As newer technologies have come available and with the introduction of narrow banding to our radio systems; our current SCADA is no longer upgradable without spending significant amounts of money. Due to these large costs; staff was asked to look at other ways to reduce the burden of purchasing these upgrades all at one time. Pedrotti along with staff have broken the project into more manageable Phases.

Justification: Phase 1 of SCADA replacement will allow staff to regain communications with many critical pieces of infrastructure that control the south well fields and the south waste water lagoon systems.

Financial Considerations:

2016 Budget Fund and Amount:

Water Department, Capital Outlay	\$ 115,000.00	Water Proposal Phase 1	\$115,565.00
WasteWater Treat, Capital Outlay	\$ <u>155,500.00</u>	WWT Proposal Phase 1	<u>\$157,592.00</u>
	\$ 270,500.00		\$273,157.00

Attachments: Equipment replacment proposals

REP R.E. Pedrotti Co., Inc.

Instrumentation, Controls & Computer Systems

5855 BEVERLY AVENUE, SUITE A MISSION, KS 66202
(913) 677-3366 FAX (913)677-3460 Web: www.repedrotti.com

February 11, 2016

Mr. Corey Keller
City of Dodge City
Public Works
Dodge City, KS 67801

RE: Dodge City Water – Phase I: South Wells & CL2 Bldg Upgrades
Pcode: DOKSRE

Dear Mr. Keller:

The **R.E. Pedrotti Company, Inc.** is pleased to provide you the following proposal for the subject referenced above. The structure of this proposal is based upon our discussions and on-site visit of your existing telemetry system.

The base portion of this proposal includes the upgrade of the PLC control panels at the seven south Wells and Chlorine Building. These upgrades will involve the replacement of the existing proprietary Bristol Babcock PLC equipment with new Allen-Bradley PLC equipment and a Calamp Licensed UHF Ethernet radios. The new licensed radio system will operate on a frequency designated by the FCC and will provide for the transmission of stronger radio signals that will in turn create a more dependable and effective radio communication network.

At Well 22 along with the Calamp Viper IP radio which will act as the collector for the other six Well RTUs, a Calamp Vanguard 3000 cellular router will also be added which will provide the link between the south wells system and the Water Treatment Plant. Similarly, the same upgrades will be made at the CL2 Building control panel, which will include a Calamp cellular router for communication with the WTP.

At the WTP the existing Wonderware software licenses will be upgraded in order to handle the new data from the south Wells.

NOTE: This proposal assumes that all upgrades have been made at the WTP per the proposed Well 18 upgrades project. The communication and remote monitoring/control of these RTU modifications is contingent on these master control panel and SCADA PC additions.

The following materials and services are to be provided as part of this proposal:

Item	Qty.	Description
A.	1	<p>Well 22 RTU Modifications. Work shall reuse existing enclosure and power/control signal field wiring:</p> <p>To include:</p> <ul style="list-style-type: none"> • Prewired Allen Bradley MicroLogix 1400 PLC with I/O as required • Calamp Viper SC UHF Modem/Radio (comms with Wells) • Calamp Vangaurd 3000 Cellular Router (comms back to WTP) • 24VDC Power Supply • Ethernet Switch • UPS System • Omni antenna and surge arrestor – <i>to reuse existing coaxial cable</i> • FCC UHF Site Licensing and Registration • Wiring terminals, receptacles, fuses, relays, etc. as required
B.	6	<p>Well 23-28 RTU Modifications. Work shall reuse existing enclosure and power/control signal field wiring:</p> <p>To include:</p> <ul style="list-style-type: none"> • Prewired Allen Bradley MicroLogix 1400 PLC with I/O as required • Calamp Viper SC UHF Modem/Radio (Comms to Well 22) • 24VDC Power Supply • Ethernet Switch • UPS System • Yagi antenna and surge arrestor – <i>to reuse existing coaxial cable</i> • FCC UHF Site Licensing and Registration • Wiring terminals, receptacles, fuses, relays, etc. as required
C.	1	<p>CL2 Building RTU Modifications. Work shall reuse existing enclosure and power/control signal field wiring:</p> <p>To include:</p> <ul style="list-style-type: none"> • Prewired Allen Bradley MicroLogix 1400 PLC with I/O as required • Calamp Vangaurd 3000 Cellular Router (Comms to WTP) • 24VDC Power Supply • Ethernet Switch • UPS System • Yagi antenna and surge arrestor – <i>to reuse existing coaxial cable</i> • FCC UHF Site Licensing and Registration • Wiring terminals, receptacles, fuses, relays, etc. as required
D.	Lot	<p>Wonderware software license upgrades at WTP SCADA PC including:</p> <ul style="list-style-type: none"> • Wonderware Intouch Runtime • Wonderware Historian
E.	Lot	PLC programming as required
F.	Lot	HMI programming modifications at WTP SCADA PC
G.	Lot	Report development at WTP SCADA PC
H.	Lot	Control Panel hardware equipment installation, wiring and cleanup

<u>Item</u>	<u>Qty.</u>	<u>Description</u>
I.	Lot	Documentation including approval submittals, panel wiring and layout diagrams
J.	Lot	Control/telemetry system & instrumentation startup, on-site testing, project coordination meetings (A/R) and operator training.

TOTAL PRICE FOR PHASE I PROPOSAL ITEMS A-J: \$ 115,565.00**

****Clarifications/Exclusions**

1. Pricing is exclusive of taxes, fees, permits, bonds and licenses unless noted above.
2. FOB Factory. Freight included.
3. Terms: Net 30 Days.
4. The installation, wiring, startup and/or commissioning of any equipment not specifically listed in this quotation is excluded and provided by others.
5. Installation includes mounting and wiring of panel equipment, however, any additional electrical installation including field wiring, antenna mounting, coax cable install are provided by the city.
6. This proposal assumes that any and all existing telemetry and control equipment to be reused is in good working condition. Should any equipment to be found in unreliable operation, it will be the responsibility of the Owner to see that the issues are resolved prior to the final execution of the project.
7. Proposal includes first 6 mos. of cellular service setup including static IP addressing, VPN configuration services and SCADA telemetry data plan. Cellular data services costs \$37/month per site thereafter. Cellular data services may be billed separately at 6 month or 12 month intervals.

Thank you very much for this opportunity and if you have any questions or comments, please do not hesitate to call.

Sincerely,

R. E. PEDROTTI COMPANY



Dallas Massie

REP R.E. Pedrotti Co., Inc.

Instrumentation, Controls & Computer Systems
5855 BEVERLY AVENUE, SUITE A MISSION, KS 66202
(913) 677-3366 FAX (913)677-3460 Web: www.repedrotti.com

July 2, 2015

Mr. Cody Woods
CH2M Hill
Dodge City, KS 67801

RE: Dodge City Wastewater – South Lagoon Control System Upgrades
Pcode: DODKSD

Dear Cody:

The **R.E. Pedrotti Company, Inc.** is pleased to provide you the following proposal for the subject referenced above. The structure of this proposal is based upon our recent discussions and on-site visit of your existing telemetry system conducted on March 4th:

The base portion of this proposal includes the upgrade of the PLC control panels at the Irrigation Pump Station, IPS, GH1 & 2, and the Control Building. These upgrades will involve the replacement of the existing proprietary Bristol Babcock PLC equipment with a new sub-panel control assembly that includes Allen-Bradley PLC equipment and new Calamp license free Ethernet radios. At the Control Building the master control panel there will be a Calamp Phantom II license free radio added which will communicate with the four remote sites along with a Calamp Vanguard 3000 cellular router which will act as the link between the Control Building and the Primary LS Office Building.

At the Primary LS Office a cellular router and Allen-Bradley PLC will be added to the existing telemetry panel which will allow full SCADA control of the south lagoon system at the Primary LS Office Building and vice versa, the Wonderware license will also be upgraded in order to handle the additional tags. These additions will also provide the master control system requirements for future additions at the south plant including the Primary Lift Station and Booster Pump Station replacements.

The new equipment and software proposed for Dodge City's Water System moving forward are composed entirely of non-proprietary hardware and software solutions. The new equipment will allow any number of system integrators to support the latest additions, protecting the City's investment. Certain components of the newly proposed system will mirror that of what our company supplied for the North Wastewater Treatment Facility. Where applicable, the System's existing equipment, including control panel enclosures, will be reused to minimize overall costs. Also, control panel terminal block and PLC I/O point arrangement will be kept as uniform and consistent as possible across all panels to insure ease of maintenance and service.

The following materials and services are to be provided as part of this proposal:

Item	Qty.	Description
A.	1	<p>Irrigation Pump Station Panel Modifications. Work shall reuse existing enclosure and field wiring:</p> <p>To include:</p> <ul style="list-style-type: none"> • Painted steel sub-panel assembly • Incoming surge protection and service breaker • Allen Bradley MicroLogix 1400 PLC with I/O as required • Calamp Phantom II Spread Spectrum Radio • C-More 6" Color Touchscreen (<i>mounted in existing door</i>) • Industrial 5-port Ethernet Switch • 24VDC Power Supply • 1000 VA UPS System • Yagi antenna and surge arrestor– <i>existing coaxial cable to be reused</i> • Wiring terminals, wireways, receptacles, fuses, relays, etc. as required
B.	1	<p>IPS Panel Modifications. Work shall reuse existing enclosure and field wiring:</p> <p>To include:</p> <ul style="list-style-type: none"> • Painted steel sub-panel assembly • Incoming surge protection and service breaker • Allen Bradley MicroLogix 1400 PLC with I/O as required • Calamp Phantom II Spread Spectrum Radio • C-More 6" Color Touchscreen (<i>mounted in existing door</i>) • Industrial 5-port Ethernet Switch • 24VDC Power Supply • 1000 VA UPS System • Yagi antenna and surge arrestor– <i>existing coaxial cable to be reused</i> • Wiring terminals, wireways, receptacles, fuses, relays, etc. as required
C.	2	<p>GHB 1& 2 Panel Modifications. Work shall reuse existing enclosure and field wiring:</p> <p>To include:</p> <ul style="list-style-type: none"> • Painted steel sub-panel assembly • Incoming surge protection and service breaker • Allen Bradley MicroLogix 1400 PLC with I/O as required • Calamp Phantom II Spread Spectrum Radio • C-More 6" Color Touchscreen (<i>mounted in existing door</i>) • Industrial 5-port Ethernet Switch • 24VDC Power Supply • 1000 VA UPS System • Yagi antenna and surge arrestor– <i>existing coaxial cable to be reused</i> • Wiring terminals, wireways, receptacles, fuses, breakers, relays, etc. as required
D.	1	<p>Control Building Panel Modifications. Work shall reuse existing enclosure and field wiring:</p> <p>To include:</p> <ul style="list-style-type: none"> • Painted steel sub-panel assembly

Item	Qty.	Description
		<ul style="list-style-type: none"> • Incoming surge protection and service breaker • Allen Bradley CompactLogix PLC with I/O as required • C-More 6" Color Touchscreen (<i>mounted in existing door</i>) • Calamp Phantom II Spread Spectrum Radio (<i>remote sites</i>) • Calamp Vanguard 3000 Cellular Router (<i>primary station</i>) • Industrial 8-port Ethernet Switch • 24VDC Power Supply • 1000 VA UPS System • Omni antenna and surge arrester (<i>existing coaxial cable to be reused</i>) • Wiring terminals, wireways, receptacles, fuses, relays, etc. as required
E.	1	<p>Water Treatment Plant SCADA Central Supervisory Computer System. System to operate on 120 VAC/60 Hz/1 phase electrical service:</p> <p>To include:</p> <ul style="list-style-type: none"> • Dell Precision Computer • Four Core Xeon Processor • Windows 7 Professional, 64-bit • 8 GB SDRAM Memory • 1GB Graphics Card • 22" Dell Ultrasharp Monitor • (2) 500 GB Hard Drives – Raid 1 Redundancy Configuration • MS Office Basic Productivity Software • (2) Network Interface Cards • APC 1000 VA UPS System • SCADA Software to include: <ul style="list-style-type: none"> ○ Wonderware Runtime License with I/O ○ Wonderware Historian
F.	1	<p>Primary LS Office Telemetry Additions. Work shall reuse existing enclosure and field wiring:</p> <p>To include:</p> <ul style="list-style-type: none"> • Calamp Vanguard 3000 Cellular Router • Allen Bradley CompactLogix PLC • WW License Upgrade
G.	Lot	PLC and HMI programming as required
H.	Lot	Control Panel hardware equipment installation, wiring and cleanup
I.	Lot	Documentation including approval submittals, panel wiring and layout diagrams, and as-installed O&M manuals (includes copy of as-installed PLC & HMI programs)
J.	Lot	Control/telemetry system & instrumentation startup, on-site testing, project coordination meetings (A/R), startup service documentation, and operator training.

TOTAL PRICE FOR BASE PROPOSAL ITEMS A-J: \$ 157,592.00**

Option 1:

K.	Lot	Base proposal as listed above excluding Item C. for GHB 1 & GHB 2 modifications.
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Total Price for Option 1: \$ 125,600.00**

****Clarifications/Exclusions**

1. Pricing is exclusive of taxes, fees, permits, bonds and licenses unless noted above.
2. FOB Factory. **Freight included.**
3. Terms: Net 30 Days.
4. The installation, wiring, startup and/or commissioning of any equipment not specifically listed in this quotation is excluded and provided by others.
5. Proposal includes first 6 mos. of cellular service setup including static IP addressing, VPN configuration services and SCADA telemetry data plan. Cellular data services costs \$37/month per site thereafter. Cellular data services may be billed separately at 6 month or 12 month intervals.

Thank you very much for this opportunity and if you have any questions or comments, please do not hesitate to call.

Sincerely,

R. E. PEDROTTI COMPANY



Dallas Massie