



**CITY OF BELTON
CITY COUNCIL
WORK SESSION
TUESDAY, NOVEMBER 17, 2015 – 7:00 p.m.
CITY HALL ANNEX
520 MAIN STREET
AGENDA**

I. CALL WORK SESSION TO ORDER

II. ITEMS FOR REVIEW AND DISCUSSION

A. REPORT ON ALERTING SYSTEMS FOR THE FIRE DEPARTMENT.

This was discussed at the September 15, 2015 work session.

Page 5

B. PRESENTATION & UPDATE ON THE WASTEWATER TREATMENT FACILITY UPGRADE PROJECT.

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C. PRESENTATION ON WINTER WEATHER OPERATIONS.

Page 15

D. OVERVIEW OF THE TIF PROCESS.

A presentation regarding the life of a TIF project from start to finish.

E. OTHER BUSINESS

III. ADJOURN

SECTION II
A

Commenco Inc.

4901 BRISTOL AVE. • KANSAS CITY, MO. 64129
 (816)753-2166 • FAX (816)753-3688

PROPOSAL

Belton Fire Dept
 Doug McGuire
 16300 N. Mullen Rd
 Belton, MO 64012
 816-331-7368
 dmcquire@beltonfire.org

QUOTE # JQ-081715-1123
 DATE: 8-17-2015
 TERMS:
 DELIVERY:

WE ARE PLEASED TO QUOTE YOU THE FOLLOWING:

ITEM	QTY	Equipment / Installation	UNIT PRICE	TOTAL
1	LOT	<p>Station Alerting PA System for Both Stations 1 and 2</p> <p>Includes: New amplifier system, volume control systems, wiring, and speakers. Zoned system for proper volume attenuation. Sound spheres for apparatus bays. This system will integrate with the APX radio and relay control system. Design, sourcing, and install included.</p> <p>This system is designed with dual cones to allow for stations phone system alerting to be installed on 2nd cone and station alerting to be installed on 1st cone.</p>	\$10,656.40	\$10,656.40
			SUBTOTAL	\$10,656.40
			SHIPPING	None
			SALES TAX	TBD
			GRAND TOTAL	\$10,656.40

ORDERS SUBJECT TO SHIPPING & HANDLING AND SALES TAX IF APPLICABLE PRICES FIRM FOR 30 DAYS TERMS SUBJECT TO CREDIT REVIEW

Prepared By: *Jeff Quint*
 816-985-4026
 jeffq@commenco.com

BY SIGNING BELOW, CUSTOMER ACKNOWLEDGES AND ACCEPTS THE ABOVE AS A SALES AGREEMENT

 LEGAL NAME OF PURCHASER

 PO NUMBER

 AUTHORIZED SIGNATURE

 DATE



MOTOROLA SOLUTIONS

Wireless Network Solutions Channel Partner



4901 BRISTOL AVE. • KANSAS CITY, MO. 64129
 (816)753-2166 • FAX (816)753-3688

QUOTATION

Belton Fire Dept
 Doug McGuire
 16300 N. Mullen Rd
 Belton, MO 64012
 816-331-7368
dmcquire@beltonfire.org

QUOTE # JQ-031015-1063
 DATE: 3-10-2015
 TERMS:
 DELIVERY:

WE ARE PLEASED TO QUOTE YOU THE FOLLOWING:

ITEM	QTY	Fire Station Alerting System	UNIT PRICE	TOTAL
1	LOT	<p>Station Alerting System</p> <p>Commenco to supply and install fire station alerting contact closure to Belton Fire provided APX4500 radios.</p> <p>This fire station alerting device will provide closure outputs, one will allow Belton Fire's electrician to control station lighting. The second will control audio feeding the stations speaker system.</p> <p>This setup requires that each station have their own talkgroup assigned in the system. Alerting will be done by multi-selecting the station talkgroup and fire dispatch channel and sending the current 2 tone or 1k tone over this multi-select.</p> <p>It will be Belton Fire's responsibility to add the talkgroups for each station into the system. Commenco is able to program the APX mobiles but Belton Fire may elect to have the county program them instead. Commenco programming is NOT included in this proposal.</p>	\$1,452.84	\$1,452.84
			SUBTOTAL	\$1,452.84
			SHIPPING	
			SALES TAX	
			GRAND TOTAL	\$1,452.84

ORDERS SUBJECT TO SHIPPING & HANDLING AND SALES TAX IF APPLICABLE

PRICES FIRM FOR 30 DAYS

TERMS SUBJECT TO CREDIT REVIEW

Prepared By: *Jeff Quint*
 816-985-4026
jeffq@commenco.com

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 LEGAL NAME OF PURCHASER

 PO NUMBER

 AUTHORIZED SIGNATURE

 DATE



NWBOC*

VVBE CERTIFIED (816) 318-8500 (816) 318-8080 Fax

947 Locust Hill Circle

Belton, MO 64012

Quotation

•Belton Fire Department

•
•

Date: 9-15-15

Project: LED Lights And Bell Additions

At Station #1 & #2

Attn.: Doug McGuire

Our price is Revised \$10,238.00

Furnish labor and material required to complete electrical work for the above referenced project per the following:

1. **Station 1.** We will supply conduit and wire along with a total of (10) LED 6 inch can light at the locations discussed. These will tie into a notification center that is provided and installed by others. We will also supply **one 4-inch bell** at a central location in the hall that will also be tied into the notification system. Upon alarm the lights will come on and the bell will sound for a determined amount of time. This will be controlled by the controller. We do not include any programming or relays for this system, everything shall be controlled by the notification system. **Our cost for the above is \$4,992.00.**
2. **Station 2.** Everything listed above will apply with the exception of providing a total of (9) LED can lights. **Our cost for above is \$5,246.00.**
3. **Alternate #1.** The cost to add a timing relay at each station to control the amount of time that the bell would ring, **our cost is an addition to the base bid of \$1,547.00.**
4. All work shall be performed during regular working hours no overtime is included.

HEARTLAND ELECTRIC CORPORATION

By: Frank DeMarco

Accepted by: _____

This quote firm for 30 days

Johnson County Electric
 11221 Roe Avenue, Suite 310
 Leawood, KS 66211
 913-647-6444

Estimate

Date	Estimate #
10/20/2015	1249

Name / Address
Fire Station

Project	Sub-Division	Square Feet
fire station		

Description	Qty	Rate	Total
Fire Station New and old Todd/ Doug Address: Renovation to Existing fire station.			
Recessed can light opening	9	100.00	900.00
Contractor	1	49.25	49.25
20 Amp Breaker	1	35.01	35.01
Time delay relay	2	56.00	112.00
12-2 MC Cable	200	1.63	326.00
Labor Costs 3 men	9	150.00	1,350.00
Fire station # 2 163 st Mullen Rd Belton Mo			
Recessed can light opening	11	100.00	1,100.00
Time delay relay	1	56.00	56.00
12-2 MC Cable	500	1.63	815.00
Labor Costs 3 men	20	150.00	3,000.00
Contractor	1	49.25	49.25
20 Amp Breaker	2	35.01	70.02
Johnson County Electric is Licensed, Bonded and Insured in Kansas and Missouri		Total	\$7,862.53

SECTION II
B



CITY OF BELTON CITY COUNCIL INFORMATION FORM

AGENDA DATE: November 17, 2015

DIVISION: Water Services

COUNCIL: Regular Meeting Work Session Special Session

<input type="checkbox"/> Ordinance	<input type="checkbox"/> Resolution	<input type="checkbox"/> Consent Item	<input type="checkbox"/> Change Order	<input type="checkbox"/> Motion
<input type="checkbox"/> Agreement	<input type="checkbox"/> Discussion	<input checked="" type="checkbox"/> FYI/Update	<input type="checkbox"/> Presentation	<input type="checkbox"/> Both Readings

ISSUE/RECOMMENDATION:

Update on the Wastewater Treatment Facility Upgrade Project

PROPOSED CITY COUNCIL MOTION:

None

BACKGROUND:

Voter Approved Wastewater Treatment Facility Upgrades: Construction on the Belton Wastewater Treatment Facility Upgrade Project has begun. New Pumping Station and Headworks structures and control systems are the key upgrades. Funding for this project is provided by a bond approved by the voters in April 2013. The City was successful in securing a low interest loan from the State of Missouri. This will save rate payers millions over 20 years. The estimated completion date for this project is January 2017.

IMPACT/ANALYSIS:

FINANCIAL IMPACT

Contractor:	N/A	
Amount of Request/Contract:	\$	N/A
Amount Budgeted:	\$	N/A
Funding Source:		N/A
Additional Funds:	\$	N/A
Funding Source:		N/A
Encumbered:	\$	N/A
Funds Remaining:	\$	N/A

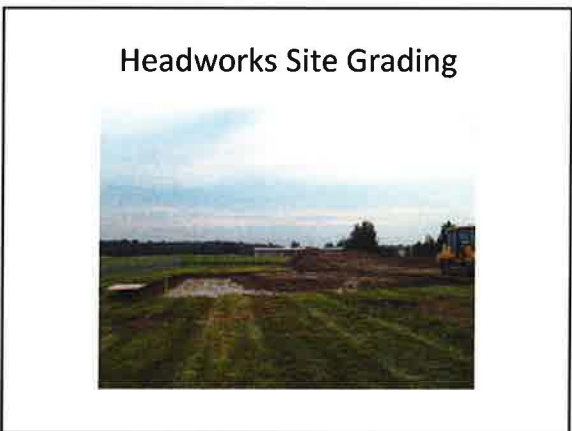
STAFF COMMENTS:

Notice to Proceed was given June 1, 2015. As of the Progress Meeting on October 27, 2015, the project has expended 149 (25.9%) days of the projected 575 days to Substantial Completion and 9.8% of the contracted amount. Excavation for the new Influent Pumping Station is complete and construction of the pump well has begun. The Headworks structures Inlet and Outlet boxes have been constructed. Walls and flow channels connecting them are being formed and poured.

Permit Renewal FYI: Staff contacted the Department of Natural Resources (DNR) Permitting Division about the status of adding new nutrient requirements to renewing operating permits. The EPA and DNR are in the process of defining the state's nutrient criteria. Staff was informed that the City's renewal would not be affected by new nutrient requirements due to the time frame to enact any new nutrient requirements which are performed by changing state law regulating permits.

LIST OF REFERENCE DOCUMENTS ATTACHED:

WWTF Upgrade Presentation



SECTION II

C



CITY OF BELTON CITY COUNCIL INFORMATION FORM

AGENDA DATE: November 17, 2015

DIVISION: Transportation

COUNCIL: Regular Meeting Work Session Special Session

<input type="checkbox"/> Ordinance	<input type="checkbox"/> Resolution	<input type="checkbox"/> Consent Item	<input type="checkbox"/> Change Order	<input type="checkbox"/> Motion
<input type="checkbox"/> Agreement	<input type="checkbox"/> Discussion	<input type="checkbox"/> FYI/Update	<input checked="" type="checkbox"/> Presentation	<input type="checkbox"/> Both Readings

ISSUE/RECOMMENDATION:

Staff will provide a short presentation detailing upcoming winter weather operations.

PROPOSED CITY COUNCIL MOTION:

None

BACKGROUND:

None

IMPACT/ANALYSIS:

None

STAFF RECOMMENDATION, ACTION, AND DATE:

None

LIST OF REFERENCE DOCUMENTS ATTACHED:

Presentation




PUBLIC WORKS

Winter Weather Preparedness






Objective




The purpose of this presentation is to familiarize the City Council and the public on the winter weather operations of the City of Belton Public Works Department and illustrate how we prepare for any winter weather event.

Topics of Discussion...


- Mission Statement
- Event – What is it?
- Mapping
- Workforce
- Equipment
- Operations
- Challenges
- What can the public do?
- Communication




Mission Statement




When a Winter Weather event occurs, it shall be the objective of the Department of Public Works to make sure the streets of Belton are passable for vehicular traffic as soon as possible and in a safe and efficient manner. The safety of the public and city personnel shall be of the highest priority at all times.




Winter Weather Events




- What is an event?
 - Public Works considers an event to be any type of winter weather causing the streets to become dangerous for travel.
 - Freezing Rain
 - Sleet
 - Snow
- How does Public Works monitor an event?
 - Television
 - Internet / Radar
 - Reports from the National Weather Service



Winter Weather Events




- What are factors that must be considered during a winter weather event?
 - Longevity
 - Intensity
 - Temperatures
 - Sunlight
 - Type of event
- When does Public Works begin winter weather operations?
 - Pretreatment begins prior to a forecasted event
 - Plowing for snow events begins at a depth of 2"
 - More during the operations section




Winter Weather Events





Mapping




- Streets are divided into 3 groups
 - Primary (includes emergency routes)
 - Residential
 - Cul-de-sacs
- The City is divided into 10 separate mapping sections
- The Public Works Department clears approximately 286 Lane Miles
 - Lane Miles is every lane of road added together and divided by 5280 feet.
 - For example: One linear mile of North Scott would be three lane miles because it is a two-lane road with a center turn lane.




Workforce




- The workforce for winter weather events utilizes all Public Works staff: Water Services, Engineering, Parks, and Transportation.
- Two 12-hour shifts / 9 drivers per shift
 - Day Shift
 - Night Shift
- Water Services Division
 - Handles the clearing of Main Street, Loop Road, PD and Fire Stations
 - Handles the clearing of the water towers and pump stations
 - Provides backup with equipment and personnel



Equipment



- Equipment
 - 5 Single Axle Dump Trucks with 4 Yard Spreaders and Plows
 - 3 One ton trucks equipped with 2.5 Yard Spreaders and Plows
 - 2 4x4 trucks with plows only
 - Water Services
 - Utilizes 1 4x4 truck with plow used for Main Street, Loop Road, PD and Fire Stations; also used as a back up for the Street Division
 - Utilizes 1 4x4 One ton equipped with plow and spreader used for the water towers, facilities and pump stations; also used as a backup for the Street Division




Equipment









Operations




- **During normal working hours...**
 - The observations of the Transportation Division and/or the Police Department may alert the first response for snow and ice removal. If a storm is imminent, crews begin their 24-hour operation. The night shift is typically sent home and reports back at 6:00 pm.
- **After normal business hours...**
 - The Police Department may contact a supervisor regarding street conditions. The on-call supervisor then assesses street conditions to determine the level of response, if any, is necessary.




Operations




- **When the snow or ice storm begins...**
 - The Transportation Division responds by salting the primary streets. Salting these streets serves three purposes: 1) to keep traffic moving; 2) make sure our school buses can transport children home and emergency response units can respond to calls; 3) prevent the snow from bonding to the pavement, also known as snow pack.
 - Special Note: Salt has a much slower effect on melting snow and ice at temperatures below 20-25 degrees.
- **Snow plowing begins...**
 - When snow is predicted to accumulate greater than two (2) inches. Crews begin plowing primary, residential, and cul-de-sacs. Our policy is to plow the full width of the street, curb to curb, during each storm.




Operations




- Team plowing consists of two plows operating simultaneously to provide for the rapid removal of snow from centerline to curb in one pass. All other roads will normally be plowed with a single plow unit making multiple passes in each direction to clear the road of accumulating snow from curb to curb.
- **Once snowfall has stopped...**
 - Salting and plowing operations resume to perform post-storm clearing. The goal of the Transportation Division is to achieve bare pavement conditions on all streets within 36 hours after a storm ends.
 - Special Note: Please understand this all depends on the type and severity of a storm and the temperatures in which we are working. For example, a residential street may look like we have not treated or plowed because of vehicle traffic packing the snow. Once temperatures begin to rise you will begin to see the effects of the treatment.




Operations




- **Priorities...**
 - During snow/ice conditions, calls from the Police and Fire Departments regarding accidents, medical or other emergency situations are given top priority. Upon request of the appropriate agency, the Public Works Department will provide assistance as necessary. Because of the high priority assigned to snow and ice control, almost all other Division operations become secondary to snow fighting operations.
 - Street Priorities are as follows...
 - Primary
 - Residential
 - Cul-de-sacs




Operations




- **Other Duties...**
 - Main Street
 - Loop Road
 - Police Department
 - Fire Stations
 - Emergency Calls by PD, Fire, and EMS (if needed)
 - Water towers and pump stations
 - Haul off snow in Downtown Parking Area (if needed)




Challenges




- **Traffic**
 - Stuck Vehicles
 - Parked Cars
 - Not only are the vehicles packing the snow, they are always trying to get around the dreaded "snow plow truck."
- **Road Condition**
 - Hills
 - Stopping Distances
 - Tree Limbs
 - Winter weather events are difficult for everyone, but try it with a 10' snow plow and a 5-yard spreader loaded with 5-6 tons of salt. This gives a whole new meaning to the word "challenge."




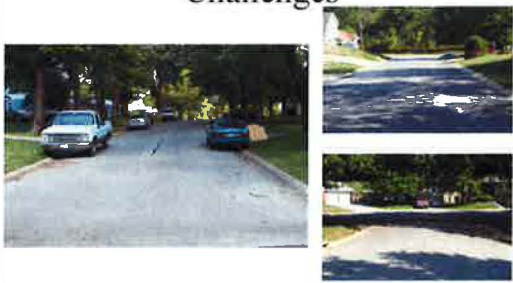
Challenges




- **Rain, sleet and snow contaminate the salt making it difficult to use.**
- **Breakdowns**
 - Snow plow operations are the hardest thing you can put any truck through.
- **ROW**
 - Parked cars
 - Low hanging tree branches
 - Mailboxes
 - Where to push the snow? Cul-de-sacs




Challenges


What can you do as a Citizen?




- **If you have a medical emergency during a winter weather event, please call 911.**
- **Be patient.**
 - Public Works will work around the clock until all streets have been plowed and treated. If you live on a lower priority street, please understand it may take us some time to get to your street.
 - Please drive slowly. Excessive speed is the number one cause of winter accidents. On many occasions, people have tried to pass a plow truck only to get stuck in front of it. This can create a dangerous situation for themselves, as well as other drivers. Please give snow removal vehicles the right of way, and stay at least 100 feet back from plow trucks. Not only will this give you a safer surface to drive on, it will prevent your vehicle from being sandblasted. Please do not drive in winter storms unless it is absolutely necessary.
- **Please park in your driveway.**
 - It is essential that cars be parked well off the roadways so that the plows can open the streets as much as possible.




What can you do as a Citizen?




- **Before your final driveway cleanup**
 - Please check the street. If it is clean and opened up to its full width, then you are safe. If not, be assured that the plow truck will be back and could fill in your driveway. This is not intentional. Like water, moving snow will follow the path of least resistance which, unfortunately, will be your freshly shoveled driveway. Please understand the City of Belton can not come back to shovel or plow out your driveway.
 - Helpful hints when shoveling your driveway (this will help reduce the amount of snow pushed back into your drive)...
 - Always shovel your drive to the right side (facing the street)
 - Don't just shovel to the curb. Clear an area 2' just the end of your driveway. **WATCH FOR TRAFFIC!!!**
 - Shovel an area 2' X 15' up the street from your drive. **WATCH FOR TRAFFIC!!!**



What can you do as a Citizen?



- **Catch Basins / Storm Boxes**
 - If there is a catch basin in front of your house, you can help by making sure it is clear of snow and debris, which may prevent the road from draining properly.



Communication



- During a winter weather event, staff will send e-mail notifications updating City Hall and the Police Department of our progress.
- To report a slick street, please call the Transportation Division office at 816-331-9455.
 - Please understand, crews will not break away from their normal operations unless it involves an emergency response.





Conclusion


The Public Works Department would like to thank you for your time and attention. With this information, we hope you have gained the knowledge necessary to understand the winter weather operations for the City of Belton.

Recap of the points...


• Mission Statement	• Operations
• Event – What is it?	• Challenges
• Workforce	• What can the public do?
• Equipment	• Communication






We strive for the safest roadways at a reasonable cost, and in the shortest period of time. The cooperation and support of all City of Belton residents and businesses is greatly appreciated.



And when all else fails....



Questions?

