



City of Denton
MINUTES
PUBLIC UTILITIES BOARD

City Hall
 215 E. McKinney Street
 Denton, Texas
www.cityofdenton.com

Monday, March 09, 2020

9:00 am

Work Session Room

After determining that a quorum of the Public Utilities Board of the City of Denton, Texas is present, the Chair of the Public Utilities Board will thereafter convene into an open meeting on Monday, March 09, 2019 at 9:00 a.m. in the Work Session Room at City Hall, 215 E. McKinney Street, Denton, Texas

Board Members: Chair Susan Parker, Vice Chair Billy Cheek, Secretary Ed Soph, Russell Bafford, Charles Parker, Karen DeVinney and Barbara Russell

Ex Officio Member: Mario Canizares, Assistant City Manager

REGULAR MEETING

1. CONSENT AGENDA

- A. **PUB20-041** – Consider recommending adoption of an ordinance of the City Council of the City of Denton repealing Ordinance NO. 19-110; approving the 2020 Denton Municipal Electric - Energy Risk Management Policy; authorizing and approving the subsequent execution of such other ancillary and related documents, including, without limitation, contracts, nominations, certificates, assignments, licenses, directions, instruments, confirmations, orders, and statements as are authorized by the 2020 ERMP, which are incident to or related thereto; confirming that the city of Denton, Texas, its Mayor, its City Council members, its City Manager, or his designees, its City Attorney, or his designees, and its City Secretary, or her designees, are authorized to perform such acts and obligations as are reasonably required to consummate those future transactions which are provided for and authorized by the 2020 ERMP; finding that the purchase of electricity, natural gas, and related commodities and instruments are exempt from the requirements of competitive bidding; finding that the purchase of electric energy, natural gas, and related commodities and instruments made by the city under the terms of the 2020 ERMP are in the public welfare of the citizens and electric ratepayers of the city; authorizing the expenditure of funds therefor; and, providing an effective date.
- B. **PUB20-051** – Consider recommending adoption of an ordinance approving a Pipeline Crossing Contract by and between the City of Denton, and the Kansas City Southern Railway Company relating to the location of a City sewer pipeline within the railroad right-of-way, located at the railroad's intersection with Highland Park Road at Mile Post D103.02 Alliance Subdivision, within the County and City of Denton, Texas; authorizing the City Manager to execute the Agreement; authorizing the expenditure of funds therefore; and providing an effective date.
- C. **PUB20-052** – Consider recommending adoption of an ordinance approving a Pipeline Crossing Contract by and between the City of Denton and the Kansas City Southern Railway Company relating to the location of a City water pipeline within the railroad right-of-way, located at the railroad's intersection with Highland Park Road at Mile Post D103.03 Alliance Subdivision, within the County and City of Denton, Texas; authorizing the City Manager to execute the Agreement; authorizing the expenditure of funds therefore; and providing an effective date.
- D. **PUB20-056** – Consider recommending adoption of an ordinance of the City of Denton, a Texas home-rule municipal corporation, authorizing the City Manager to execute a contract with Relient Emissions Testing, Inc., for the supply of Engine Emissions Performance testing services for the

electric generating equipment at the Denton Energy Center; providing for the expenditure of funds therefor; and providing an effective date (IFB 7245 - awarded to Relient Emissions Testing, Inc., for three (3) years, with the option of three (3) additional one (1) year extensions, in the total six (6) year not-to-exceed amount of \$72,000.

- E. **PUB20-057** – Consider recommending adoption of an ordinance of the City of Denton, a Texas home-rule municipal corporation, authorizing the City Manager to execute a contract with ABB, Inc., for the supply of ABB Turbo Charger Cartridges for the electric generating equipment at the Denton Energy Center; providing for the expenditure of funds therefor; and providing an effective date (IFB 7247 - awarded to ABB, Inc., in the not-to-exceed amount of \$418,061.60).
- F. **PUB20-058** – Consider recommending adoption of an ordinance of the City of Denton, a Texas home-rule municipal corporation, authorizing the City Manager, or his designee, to execute a contract with Romco Equipment Co., LLC, through the Buy Board Cooperative Purchasing Network Contract # 597-19, for the acquisition of one (1) Volvo Model ECR88D Compact Excavator for the Drainage Department and additional maintenance and repair services as required; providing for the expenditure of funds therefor; and providing an effective date (File 7293 - awarded to Romco Equipment Co., LLC, in the amount of \$206,062).

Board Member Bafford pulled this agenda item for a request. At the last PUB meeting Terry Kader gave a presentation with the criteria they use to purchase vehicles.

Bafford asked for the criteria information used to determine the vehicle/equipment needed to be replaced be included as backup in the agenda items going forward. The Board was in consensus of the request.

Board Member Russell motioned to approve item F with a second by Board Member Devinney. Vote 7-0.

- G. **PUB20-066** - Consider recommending adoption of an ordinance of the City of Denton, a Texas home-rule municipal corporation, authorizing the City Manager to execute a Professional Services Agreement with Garver, LLC to perform preliminary design, permit identification, surveying, environmental, and geotechnical services for the Clear Creek Wastewater Lift Station and Forcemain as set forth in the contract; providing for the expenditure of funds therefor; and providing an effective date (RFQ 6590-088 - Professional Services Agreement for design services awarded to Garver, LLC in the not-to-exceed amount of \$493,685).

Board Member Devinney motioned to approve items A, B, C, D, E and G with a second by Board Member Bafford. Vote 7-0.

2. ITEMS FOR INDIVIDUAL CONSIDERATION

- A. **PUB20-060** - Consider approval of the minutes of the February 24, 2020 meeting.

Board Member Parker motioned to approve with a second by Board Member Cheek. Vote 7-0.

- B. **PUB20-061** - Assistant City Manager Update:
1. Environmentally Preferable Purchasing Memo and Resolution
 2. Future Agenda Items
 3. New Business Action Items

3. CONCLUDING ITEMS

Under Section 551.042 of the Texas Open Meetings Act, respond to inquiries from the Public Utilities Board or the public with specific factual information or recitation of policy, or accept a proposal to place the matter on the agenda for an upcoming meeting AND Under Section 551.0415 of the Texas Open Meetings Act, provide reports about items of community interest regarding which no action will be taken, to include: expressions of thanks, congratulations, or condolence; information regarding holiday schedules; an honorary or salutary recognition of a public official, public employee, or other citizen; a reminder about an upcoming event organized or sponsored by the governing body; information regarding a social, ceremonial, or community event organized or sponsored by an entity other than the governing body that was attended or is scheduled to be attended by a member of the governing body or an official or employee of the municipality; or an announcement involving an imminent threat to the public health and safety of people in the municipality that has arisen after the posting of the agenda

C. Parker asked for an update on the litigation going on with DME.

C. Parker asked for the quarterly report for DME financials

WORK SESSION

A. PUB20-059 – Receive a report, hold a discussion and give staff direction regarding DME’s proposed Electric Vehicle Charging Infrastructure Strategy.

Chris Lutrick, Exec Manager-Energy Services & Admin, started the presentation and introduced Chase Wittman, Business Analyst for DME.

Wittman began with the Sustainability Plan for Transportation. ‘Develop Electric Vehicle Strategy to address short- and long-term infrastructure and charging needs as electric vehicle ownership expands’.

Overview

- EV Strategy to address both short-term service needs as well as address long-term infrastructure needs that will arise as EV penetration increases.
- Provide public charging in a manner that recovers cost of service.
- Encourage charging behavior that will no compromise the distribution grid as EV adoption increase.

There are four phases used in this plan. The first three phases focus on the short to medium term issues of access to charging services provided by DME. The fourth phase is the long-term outlook.

Phase 1 – Modernize Existing Charging Network

Submit to Texas Emission Reduction Plan (TERP) grant to fund up to 50 percent of the project cost. Existing charger upgrades needed that will cost approximately \$15,600. DME will maintain current charge of four cents a minute billing rate and adjust in the future to recover costs based on usage levels. The TERP grant applications are due mid-March, if successful this will go to Council in the March/April timeframe for authorization to use the grant funding.

C. Parker asked about the charge and how it equates to cost per kilowatt hour, Wittman explained in detail.

Wittman then showed a map of the four existing charger locations.

Pockrus Page Fast Charger -

The TERP Grants place special emphasis on DC fast charging infrastructure along interstate corridors. This location is adjacent to a DME substation and provides access to electrical infrastructure and City

property to install a charger with necessary parking. The project estimate is \$75,000, 50 percent would be from the TERP grant if awarded.

Phase 2 – Establish Privately Owned, Public Accessible Charger Rebate Program

DME plans to budget \$20,000 for the first year of a public EV Charger Rebate Program. Implement the rebate of up to \$2,000 for installation of Level 2 chargers, available to the public or customer base as complimentary charging. Target Date 2021/2022.

Board Member Devinney asked what a Level 2 charger is. Wittman explained Level 1 is 120 Volt, takes about 16 hours for a full charge. Level 2 is 240 Volt, takes from three to six hours for full charge. Fast Chargers, full charge in 30 - 45 minutes.

Phase 3 – Expansion of Public Charging Network

Strategic expansion of charging network to public spaces not well suited to private development of charging infrastructure. Future grant funding opportunities will be leveraged to expand public network. Target Date 2022/2023.

Phase 4 – Encourage Beneficial Home Charging

80-90 percent of EV charging occurs at home. Without incentives many drivers plug in their car upon return from work. This would put a strain to the distribution system. DME will make preparations to implement a system that meets the needs of Denton's residents while protecting the reliability of the electric grid. Target Date 2023 and beyond.

Board Member Soph asked about a home with solar. Wittman answered they have do not have any data on that and would be something to look at.

Summary

- Address the short term needs first, replace existing chargers with modern platform. Improve ease of use for residents and gather data necessary to make informed decisions and implement future states of strategy.
- In medium term, improve access to charging infrastructure through public investment and partnership with businesses.
- As EV adoption increases, the long-term needs for managing the distribution impacts will be evident. Strategies for mitigating those risks will be better developed and tested so that the best solution for Denton can be enacted.

There was further questions and discussion and the Board had a consensus for DME to move forward.

Adjournment: 10:45 a.m.

Approved 5/11/2020

DocuSigned by:

B7178552EE3B4F6...
Susan Parker
Chair

DocuSigned by:

74FB3BFA074D424...
Kim Mankin
Utilities Admin Manager