

Public Works Committee Meeting
Tuesday, April 20, 2021 5:00 PM
Crete City Hall
243 E 13th Street
Crete, NE 68333

1. Open Meeting

- In accordance with Nebraska law, a copy of the Open Meetings Act can be found in the back of the Council Chambers.
- Items listed on the agenda may be considered in any order.

2. Roll Call

- Attendance of members will be recorded to determine the presence of a quorum for official actions.

3. Items of Business

- The Committee may discuss or limit discussion on, hear testimony in favor of or in opposition to, or take action to provide a recommendation to the City Council on any matter presented under this title.
- A. Discuss and provide a recommendation to the City Council on Charter's Right-of-Way Permit application.
- B. Discuss and provide a recommendation to the City Council on the quote for a new John Deere loader.
- C. Discuss and provide a recommendation to the City Council on developing plans and specifications based on the preliminary cost estimate for a lift station at 22nd Street and Walnut Creek.
- D. Discuss and provide a recommendation to the City Council on accepting the subdivision improvements in Fairway Development 1st Addition.

4. Officers' Reports

- Reports may be given by the Mayor, Officers, Departments, or Councilmembers concerning the current operations of the City.
- No action can be taken on matters presented under this title except to answer any questions or to refer the matter for further action.

5. Adjournment

Disclaimers & Notices

- The Council may enter into closed session to discuss any matter on this agenda when it is determined that a closed session is clearly necessary for the protection of the public interest or the prevention of needless injury to the reputation of an individual (if such individual has not requested a public meeting) or as otherwise allowed by law. Any closed session shall be limited to the subject matter for which the closed session was called. If the motion to close passes, then immediately prior to the closed session the Mayor shall restate on the record the limitation of the subject matter of the closed session.
- The City of Crete assures that no person shall on the grounds of race, color, national origin, age, disability, handicap or sex, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity of the City receiving Federal financial assistance. To report discrimination, contact the City Clerk's office.
- The complete agenda with attachments is available at www.crete.ne.gov.



Application for a Permit to Occupy City of Crete Right-of-Way (Rev. 2, 11-2015)

Jared Pearson

I _____ hereby request to occupy City of Crete Right-of-
Name

Way at **12th and Juniper Ave** _____ with a device or structure.
Address

Description of structure or device:

Bore from Juniper Ave in between 13th and 14th Street to 12th St and Juniper Ave.

- Diagram, or print included?
- Necessary permits and licenses obtained? Insurance?
- Approved by the Public Works Director _____ Date: _____

Note:

- 1) All applicants to occupy public right-of-way understand and agree that if, for any reason, the City or its agents require access; the obstruction shall be moved at the applicant's expense.
- 2) Any items approved for placement in the right-of-way shall be held to the building or property line as closely as possible.
- 3) If this is a 3rd party utility type project, all affected property owners shall be notified prior to the beginning of project by the project owner, or the project's contractor.
- 4) City Council approval is required for large projects (more than one property involved, or utility oriented projects).
- 5) All requests to occupy right-of-way must include a detailed sketch, print, or drawing with dimensions with respect to property lines, paving, curbs etc....
- 6) If this application is for underground sprinkler systems, a print or drawing of the system including location of lines and heads with measurements listed must accompany the application. Additionally, the applicant may be required to provide proof of proper permits to install, plumb, and provide backflow protection for said underground sprinkler systems.
- 7) Application for a permanent structure deemed to be a traffic or public safety hazard or which limit visibility will be denied.
- 8) An application shall be approved before any construction or installation is allowed to begin.

Jared Pearson

4/6/21

Signature of Applicant

Date of Application

Sacred Heart of Jesus
Catholic Church, Crete

Noa's Deli
Takeout

Burger King
Takeout

E 13th St

Juniper Ave

Ivy Ave

Grace United
Methodist Church

Casey's
Takeout

Smith Shaylene M

First Congregational
Church

th St

E 12th St

E 12th St

Juniper Ave

Ivy Ave

Quote Id: 23791851

Prepared For:
CITY OF CRETE CRETE PUBLIC WORKS



Prepared By: **TAYLOR WENZL**

Murphy Tractor & Equipment
6100 Arbor Road
Lincoln, NE 68517

Tel: 402-467-1300
Mobile Phone: 402-853-4868
Fax: 402-467-1927
Email: twenzl@murphytractor.com

Date: 04 March 2021

Offer Expires: 28 April 2021

Confidential

Quote Summary

Prepared For:

CITY OF CRETE CRETE PUBLIC WORKS
 241 E 13TH ST
 CRETE, NE 68333

Prepared By:

TAYLOR WENZL
 Murphy Tractor & Equipment
 6100 Arbor Road
 Lincoln, NE 68517
 Phone: 402-467-1300
 Mobile: 402-853-4868
 twenzl@murphytractor.com

Options:

Add Hydraulic Quick Coupler +\$4792
Add Forks + \$6588

Quote Id: 23791851
Created On: 04 March 2021
Last Modified On: 07 April 2021
Expiration Date: 28 April 2021

Equipment Summary

JOHN DEERE 524 P WHEEL
 LOADER
 John Deere Extended Warranty-
 Extended Warranty (Power Train &
 Hydraulics) 84m/5000h Travel Time
 & Mileage NOT Included

Qty	Extended
1	
1	

Equipment Total

\$ 141,536.17

Quote Summary

Equipment Total	\$ 141,536.17
SubTotal	\$ 141,536.17
Total	\$ 141,536.17
Balance Due	\$ 141,536.17

NMC
 Cat 926 m \$ 174,590
 cat 926 trade - 3,500
\$ 171,090

Titan Machine
 Case 926 equiv. \$ 154,500
 Cat 926 trade 3,500
\$ 151,000

Salesperson : X _____

Accepted By : X _____

Selling Equipment

Quote Id: 23791851

Customer: CITY OF CRETE CRETE PUBLIC WORKS

JOHN DEERE 524 P WHEEL LOADER

Hours:
Stock Number:

Description	Qty
524 P WHEEL LOADER	1

Standard Options - Per Unit

JDLink Ultimate 5 Year Subscription	1
John Deere PowerTech Engine	1
Standard Wheel Loader	1
5-Speed Powershift Transmission	1
100 amp Alternator	1
Flat Black Curved Stack	1
Standard Engine Air Intake System	1
Standard Hydraulic Fan	1
Standard Fuel Filter with Water Separator and Standard Fuel Fill	1
Standard Cab	1
7 inch Monitor	1
Hydrau Hydraulic Fluid	1
High Lift Z-BAR	1
Steering Wheel Only	1
Deluxe Seat, Cloth with Air Suspension	1
Joystick Controls	1
Three Function Hydraulics	1
Ride Control	1
English Decals and Manuals	1
8 Amp Converter	1
No Payload Scale without Cycle Counter	1
High Traction - Front & Rear	1
Hydraulically Locking Differential Axles	1
Manual Axle Differential Lock	1
Titan TGD2, 20.5R25 L2 Single Star	1
Radial Tires with 3pc Rims	1
Standard Front Fenders	1
Left Side Steps Only	1
No Fork Frame	1
No Tines	1
Halogen Work and Drive Lights	1
Rear Hitch and Counterweight	1
Rear Camera	1

Selling Equipment

Quote Id: 23791851

Customer: CITY OF CRETE CRETE PUBLIC WORKS

LED Strobe Beacon with Left Beacon Bracket	1
Standard Exterior Mirrors	1
Standard Radio	1
Cab with Air A/C Charge	1
Factory Pin-on Bucket Ready	1
Bolt-on Cutting Edge	1
2.75 Cu. Yd. Bucket	1
Wheel Spin Control System	1
Axle Oil Cooling and Filtration	1
Fire Extinguisher	1

Service Agreements

John Deere Extended Warranty -
Extended Warranty (Power Train &
Hydraulics) 84m/5000h Travel Time
& Mileage NOT Included



April 13, 2021

Ref: 226.000

Tom Ourada, City Administrator
City of Crete
PO Box 86
Crete, NE 68333

Preliminary Cost Estimate for New Lift Station on 22nd Street - Crete, Nebraska

Enclosed is the preliminary cost estimate and plan for the construction of a new lift station at 22nd and Ivy Street. The preliminary costs do not include land acquisition, permanent and temporary construction easements, and related costs.

The cost estimate includes a fixed set standby generator and automatic transfer switch to be located at the proposed lift station site. The Nebraska Department of Environment and Energy (NDEE) has been enforcing the following provision in Title 123 of their regulations:

Lift stations must be provided with emergency provisions to avoid backups into basements or sanitary sewer overflows. One of the following emergency provisions shall be provided at each lift station:

- (a) The lift station shall be connected to two independent electrical substations;
- (b) A permanent engine driven electrical generator is installed;
- (c) A portable electrical generator is kept available within one hour of travel time and two hours of storage capacity exists before a backup or sanitary sewer overflow occurs; or
- (d) A portable pump and adequate hose or piping is kept available within one hour of travel time and two hours of storage capacity exists before a backup or sanitary sewer overflow occurs.

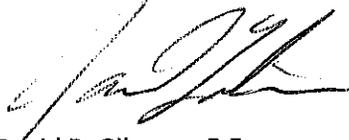
If we have the minimum two hours of storage capacity before a backup occurs we could eliminate the need and cost of the generator, however, we will have to be able to prove the required storage exists.

My cost estimate assumes substantial dewatering will be required, if this is not the case, the cost could be about \$40,000 less. We would want a geotechnical engineer to bore a hole at the lift station site to determine groundwater conditions and soil bearing capacity.

The proposed lift station for 22nd Street to replace the gravity sewer main connected to the bridge will need to be located on the southeast corner of 22nd and Ivy Street. There is simply not enough room in the right-of-way for the lift station and related structures, especially the required size of excavation to construct the lift station. This will also require the purchase of private property by the City.

If you have any questions or require additional information please contact our office.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'David B. Gilmore', written in a cursive style.

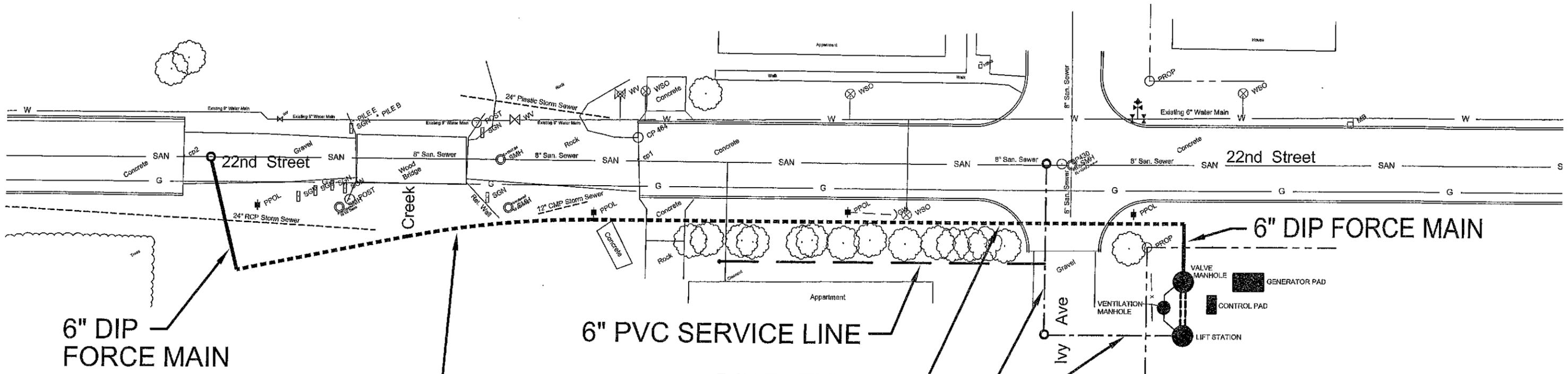
David B. Gilmore, P.E.
GILMORE & ASSOCIATES, INC.

DBG:va

Enclosures

PRELIMINARY COST ESTIMATE
22nd STREET and IVY
NEW LIFT STATION
(Does not include land acquisition and related costs)

1.	Pumping Station, Pumps, and Controls, Valve and Ventilation Manholes, Interior Piping, Fittings, and Valves, Piping and Fittings Between Structures, Electrical Work, Dewatering, and Related Work	\$230,000
2.	Standby Generator, Automatic Transfer Switch, and Concrete Pad.	60,000
3.	Construct Manholes, 25 V.F.	10,000
4.	6" DIP Force Main, 100 L.F.	3,000
5.	6" IPS, DR9, Directional Bored HDPE Force Main, 400 L.F.	32,000
5.	8" PVC, SDR 26 Sanitary Sewer Main, 125 L.F.	3,800
6.	6" PVC, Service Line, 135 L.F.	2,700
7.	Miscellaneous Couplings, Fittings, and HDPE Anchors	7,000
8.	Remove and Replace Concrete Paving, 120 Sq. Yds.	9,000
9.	Miscellaneous Construction, Testing, etc.	<u>5,000</u>
Total Estimated Construction Cost		\$362,500
	Contingencies (10%)	36,300
	Engineering Design (Basic Services)	27,300
	Geotechnical Engineering	3,000
	Construction Phase Engineering, Legal and Administrative, O&M Manual, Interest During Construction, etc.	<u>27,300</u>
TOTAL ESTIMATED PROJECT COST		<u><u>\$456,400</u></u>



6" DIP
FORCE MAIN

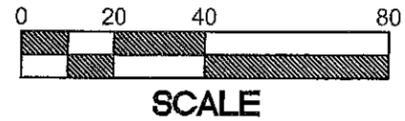
6" IPS DR9 HDPE
DIRECTIONALLY BORED
FORCE MAIN

6" PVC SERVICE LINE

DIRECTIONAL
BORE

8" PVC, SDR 26
SEWER MAIN

6" DIP FORCE MAIN



CRETE, NEBRASKA

April 16, 2021

Mr. Tom Ourada
City Administrator
City of Crete
243 East 13th Street
Crete, NE 68333

RE: Fairway Development 1st Addition
Crete, NE
REGA Project No. 181290

Mr. Ourada,

I hereby certify that the project has been constructed in substantial conformance to the approved plans. As-built plans drawings, construction observation and testing reports were sent to the City of Crete on February 17th, 2021. In addition, a dropbox link was sent to city staff for easy access.

The developer's one-year warranty period began March 26th, 2021. An 11-month walk-thru will be conducted to review the installed infrastructure in 2022.

Please do not hesitate to contact me with any questions.

Sincerely,



Nathaniel Burnett, PE
REGA Engineering Group, Inc.

Cc: Ron Sack



April 16, 2021

Ref: 226.000

Mr. Tom Ourada, City Administrator
City of Crete
PO Box 86
Crete, NE
68333-0086

Fairway Development 1st Addition – City of Crete

The Project Engineer has certified that the project has been constructed in accordance with the approved plans and specifications, as well as the required testing requirements for the City. City officials have conducted a final inspection of the project with the Project Engineer and no items were observed that required correction.

It is our recommendation that the City accept the Fairway Development 1st Addition. The acceptance by the City does not waive the 1-year warranty requirement of the Developer to repair any deficiencies that may result during the warranty period. We further recommend that the City have an 11-month walk through to determine if any corrective work will need to be performed by the Developer prior to the termination of the warranty period.

Sincerely,

Keith L. Gilmore, P.E.
Gilmore & Associates, Inc.

KLG:va