CITY OF
WEST CHICAGO

WHERE HISTORY & PROGRESS MEET

# INFRASTRUCTURE COMMITTEE

**Thursday, March 5, 2020**
**7:00 P.M. – Committee Room A**

## AGENDA

1. Call to Order, Roll Call, and Establishment of a Quorum

2. Approval of Minutes

   A. Infrastructure Committee of February 6, 2020

3. Public Participation / Presentations

4. Items for Consent

   A. Resolution No. 20-R-0011 – Contract Award – 2020 Parkway Tree Planting Program
   B. Resolution No. 20-R-0012 – Contract Award – Althoff Industries, Inc. for Replacement of HVAC Control System at City's Water Treatment Plant
   C. Purchase of One 2020 Ford F550 4WD Truck Chassis Equipped with a Maintainer Service Body, Crane, Generator/Air Compressor/Welding Unit, and Appurtenances from EJ Equipment, Inc. of Manteno, Illinois
   D. Procurement of Unleaded and Diesel Fuel from Gas Depot through DuPage County Joint Purchasing Program

5. Items for Discussion

6. Unfinished Business

7. New Business

8. Reports from Staff

   A. Bike Path Connectivity Plan Update

9. Adjournment

475 Main Street
West Chicago, Illinois
60185

T (630) 293-2200
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www.westchicago.org

Ruben Pineda
MAYOR

Nancy M. Smith
CITY CLERK

Michael L. Guttman
CITY ADMINISTRATOR

CITY OF
WEST CHICAGO

WHERE HISTORY & PROGRESS MEET

**Draft**

# MINUTES

# INFRASTRUCTURE COMMITTEE

## February 6, 2020 7:00 P.M.

**1. Call to Order, Roll Call, and Establishment of a Quorum.** Chairman Beifuss called the meeting to order at 7:00 P.M. Roll call found Aldermen James Beifuss, Heather Brown, Sandra Dimas, Matt Garling, Alton Hallett, and Noreen Ligino-Kubinski present. Alderman Jeanne Short arrived after roll call at 7:05 P.M.

Staff present included Director of Public Works Robert Flatter, Utility Superintendent Rocky Horvath, and Administrative Assistant Ashley Heidorn. Also in attendance was resident Paul Kubinski.

**2. Approval of Minutes**

**A. Infrastructure Committee Minutes of December 5, 2019. Alderman Hallett made a motion, seconded by Alderman Garling to approve the Meeting Minutes of December 5, 2019.**

**Voting Yea: Aldermen Beifuss, Dimas, Garling, Hallett, and Ligino-Kubinski.**
**Voting Nay: 0. Abstains: Alderman Brown.**

**3. Public Participation / Presentations.** None.

**4. Items for Consent**. Alderman Beifuss requested discussion on Consent Item E.
**Alderman Dimas made a motion, seconded by Alderman Brown to approve:**

A. Ordinance No. 20-O-0001 – Authorizing the Disposal of Surplus Equipment, Stock Inventory, and/or Personal Property Owned By the City of West Chicago
B. Resolution No. 20-R-0002 – A Resolution for Maintenance of Streets and Highways by the City of West Chicago Relating to FY2020 MFT Estimate of Maintenance Costs
C. Resolution No. 20-R-0006 – Contract Amendment #1 & First Extension – Classic Landscape, Ltd. for Right-of-Way Maintenance Program
D. Resolution No. 20-R-0007 – Layne Christensen Company – Approval of Contract for Professional Services Related to the Rehabilitation of the Pump and Motor Assembly Associated with the City's Well Station No. 8



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F. Approval of the City Administrator's Emergency Purchase of Services to Repair a Watermain Break at 700 E. Roosevelt Road from November 22, 2019, thru December 7, 2019 – Tri-County Excavating

**Roll call found the vote unanimous for approval. Voting Yea: Aldermen Beifuss, Brown, Dimas, Garling, Hallett, and Ligino-Kubinski. Voting Nay: 0.**

**5. Items for Discussion.**

**4.E. Resolution No. 20-R-0008 – Steve Piper and Sons – Contract Award for the 2020 Forestry Maintenance Program.** Alderman Beifuss inquired if the primary reason there were not more bids received was because the contractors do not have arborists on staff. Mr. Flatter indicated that he did not know for certain but assumes it is likely because of the City's arborist requirement. Mr. Flatter also indicated that he was satisfied with the price provided and Steve Piper and Sons has done satisfactory work for the City in the past. **Alderman Brown made a motion, seconded by Alderman Dimas to approve.**

**Roll call found the vote unanimous for approval. Voting Yea: Aldermen Beifuss, Brown, Dimas, Garling, Hallett, and Ligino-Kubinski. Voting Nay: 0.**

**5.A. Klein Road Bike Path – Wayne Township Road District.** Mr. Flatter indicated that staff is seeking direction on whether or not to participate in the application of STP funds to design and construct a bike path along Klein Road. On January 16, 2020, Mr. Flatter attended a meeting at the Wayne Township Road District Office to discuss the feasibility of a joint "on-street" bike path. The City's share of design and construction cost is estimated at approximately $300,000.00. Following the meeting, staff does not see a need to participate in the construction of a north-south bike path that would mirror the existing path along Fair Oaks Road, approximately 0.75 miles east of Klein Road. Money is not currently budgeted for said project, and funds would need to be taken from future street improvement projects to cover said expense. Additionally, staff feels that traffic and vehicular speeds along Klein Road make an "on-street" bike path unsafe. Following discussion, the Committee concluded that they are not interested in participating in the creation of a bike path along Klein Road as available funds should be focused on other street improvements.

**6. Unfinished Business.** Alderman Beifuss requested an update on the handrails to be installed on the stairs at 461 Main Street. Mr. Flatter explained that bids for the project would be opened next Wednesday, February 12, 2020. Once contracts have been executed, the handrails should be installed around June, though staff will push for a sooner completion date if it is feasible.

**7. New Business.** None.

**8. Reports from Staff.** Mr. Flatter noted that a draft of the concept for a regional bike path plan is anticipated to be brought before Committee at the March Infrastructure Committee Meeting.

**9. Adjournment.** At 7:17 P.M., Alderman Brown made a motion to adjourn, seconded by Alderman Ligino-Kubinski. Motion was unanimously approved by voice vote.

Respectfully submitted,

Ashley Heidorn
Administrative Assistant of Public Works

# CITY OF WEST CHICAGO

## INFRASTRUCTURE COMMITTEE
## AGENDA ITEM SUMMARY

**ITEM TITLE:**

Resolution No. 20-R-0011 – Contract Award – 2020 Parkway Tree Planting Program

**AGENDA ITEM NUMBER:** 4.A.

**COMMITTEE AGENDA DATE:** March 5, 2020
**COUNCIL AGENDA DATE:** March 16, 2020

**STAFF REVIEW:** Robert E. Flatter, P.E., Director of Public Works **SIGNATURE**

**APPROVED BY CITY ADMINISTRATOR:** Michael L. Guttman **SIGNATURE**

**ITEM SUMMARY:**

This project consists of providing and planting 180 parkway trees in various locations within the corporate limits of the City of West Chicago.

On January 10 2020, the City advertised the 2020 Parkway Tree Planting Program in the Daily Herald. There were a total of six plan holders and sealed bids were opened on Tuesday, February 11, 2020. Bids were received from four contractors with Acres Group, of Plainfield, Illinois, submitting the lowest responsible bid of $41,112.00. The second lowest bidder was The Fields on Caton Farm of Crest Hill, Illinois, with a bid of $43,290.00 (see attached bid tab sheet for additional clarification).

Acres Group completed the City's parkway tree planting program in 2018 and its performance was satisfactory. Staff contacted performance references (i.e., City of Wheaton and the Village of Skokie) and all provided positive feedback and indicated they would use for Acres Group again. All indicated good quality trees and excellent work from Acres Group.

Staff recommends that a contract be awarded to Acres Group, of Plainfield, Illinois, for services related to the 2020 Parkway Tree Planting Program, for an amount not to exceed $41,112.00.

Services related to the above referenced program will be funded from the Capital Projects Fund (08-34-53-4854) in which $48,000 has been budgeted for FY2020.

**ACTIONS PROPOSED:**

Approve Resolution No. 20-R-0011 authorizing the Mayor to execute a contract with Acres Group of Plainfield, Illinois, as lowest responsible bidder, to provide services related to the 2020 Parkway Tree Planting Program for an amount not to exceed $41,112.00.

**COMMITTEE RECOMMENDATION:**

**RESOLUTION NO. 20-R-0011**

**A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE A CONTRACT AGREEMENT WITH ACRES GROUP FOR PROFESSIONAL SERVICES RELATED TO THE 2020 PARKWAY TREE PLANTING PROGRAM**

BE IT RESOLVED by the City Council of the City of West Chicago, in regular session assembled, that the Mayor is hereby authorized to execute a Contract Agreement for Professional Services related to the 2020 Parkway Tree Planting Program between the City of West Chicago and Acres Group for an amount not to exceed $41,112.00 in substantially the form attached hereto and incorporated herein as Exhibit "A".

APPROVED this 16th day of March, 2020.

AYES: _____

NAYES: _____

ABSTAIN: _____

ABSENT: _____

_____
Mayor Ruben Pineda

ATTEST:

_____
City Clerk Nancy M. Smith

# CITY OF WEST CHICAGO

## INFRASTRUCTURE COMMITTEE
## AGENDA ITEM SUMMARY

**ITEM TITLE:**

Resolution No. 20-R-0012 - Contract Award - Althoff Industries, Inc. for Replacement of HVAC Control System at City's Water Treatment Plant

**AGENDA ITEM NUMBER:** 4.B.

**COMMITTEE AGENDA DATE:** March 5, 2020
**COUNCIL AGENDA DATE:** March 16, 2020

**STAFF REVIEW:** Robert E. Flatter, P.E., Director of Public Works

**SIGNATURE**

**APPROVED BY CITY ADMINISTRATOR:** Michael L. Guttman

**SIGNATURE**

**ITEM SUMMARY:**

The control program for the Heating, Ventilation and Air Conditioning (HVAC) system at the Water Treatment Plant (WTP) runs on a small computer called a JACE (Java Application Control Engine). The JACE controls two Roof Top Units (RTUs), individual Variable Air Volume (VAV) devices in each interior space of the building, and various exhaust fans located throughout the building. The program in the JACE maintains airflow rates and volume, controls temperature, and performs other HVAC functions.

The current JACE in use at the WTP is a Tridium JACE 403-R2 network controller. On May 22, 2012, Tridium announced the "end-of-life" for the JACE R2 products. As of 2015, Tridium no longer repairs, replaces or provides technical support for R2 products. The WTP's current JACE operates using JAVA, a programming language developed by Oracle. The free use of JAVA ended on January 14, 2020, and no further software updates are available for the version of JAVA on the WTP's JACE. Future use of JAVA must be via licensed copies of the program. The JACE in use at the WTP is simplistic and limits the control allowed to the user, being further limited by the installed JAVA operating system no longer being updateable. In addition, staff computers were recently upgraded to the Windows 10 operating system causing the older version of JAVA to no longer work on the computers used to access the JACE. The current JACE must be replaced. A new JACE would be compatible with Windows 10, would accept more complex programming, and would allow staff better control of the environment inside the WTP.

In lieu of a full bidding process, which would require hiring an Engineering Firm to write specifications and develop bid documents (estimated at approximately $5,000.00), JACE replacement quotes were sought from two vendors who are well versed in complex HVAC control systems applications and who have been utilized exclusively to maintain the City's various HVAC systems for the past 15 years. Althoff Industries Inc. of Crystal Lake, Illinois (original contractor and current maintenance provider for the HVAC system at the WTP), provided a JACE replacement quote of $23,818.00. Cooling Equipment Service Inc. of Elk Grove Village, Illinois (City's usual source for HVAC maintenance and repairs at all City owned facilities other than the WTP), quoted $27,800.00.

Due to their familiarity with the WTP HVAC equipment, and being the City's source for service and parts for the HVAC system at the WTP since commissioning in 2004, staff recommends awarding a contract to Althoff Industries for $23,818.00. Althoff Industries quotes includes on-site end-user training and a one-year software maintenance agreement.

# CITY OF WEST CHICAGO

**ACTIONS PROPOSED:**

Waive competitive bidding and approve Resolution No. 20-R-0012 authorizing the Mayor to execute a contract with Althoff Industries, Inc. of Crystal Lake, Illinois, for an amount not to exceed $23,818.00, for the replacement of the HVAC control system at the Water Treatment Plant for Fiscal Year 2020.

**COMMITTEE RECOMMENDATION:**

**RESOLUTION NO. 20-R-0012**

**A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE A CONTRACT AGREEMENT WITH ALTHOFF INDUSTRIES, INC. FOR PROFESSIONAL SERVICES RELATED TO THE REPLACEMENT OF THE HVAC CONTROL SYSTEM AT THE CITY'S WATER TREATMENT PLANT**

BE IT RESOLVED by the City Council of the City of West Chicago, in regular session assembled, that the Mayor is hereby authorized to execute a Contract Agreement for Professional Services related to the replacement of the HVAC Control System at the City's Water Treatment Plant, between the City of West Chicago and Althoff Industries, Inc., for an amount not to exceed $23,818.00, in substantially the form attached hereto and incorporated herein as Exhibit "A".

APPROVED this 16th day of March, 2020.

AYES: _____

NAYES: _____

ABSTAIN: _____

ABSENT: _____

_____
Mayor Ruben Pineda

ATTEST:

_____
City Clerk Nancy M. Smith

ALTHOFF INDUSTRIES, INC.
Mechanical, Electrical, Plumbing and Building Automation

January 16, 2020

Mr. Joe Munder
*City of West Chicago*
1400 W. Hawthorne Lane
West Chicago, IL 60185

RE: **Tridium Upgrade – Revision C**

Dear Mr. Munder:

Thank you for your interest in Althoff Industries and allowing us the opportunity to provide a proposal for the above referenced project.

Installed in your facility is a Tridium Jace 403-R2 network controller and on May 22, 2012 Tridium announced the "end-of-life" for the Jace R2 products. In addition, as of 2015 Tridium no longer repairs, replaces or provides technical support for Niagara R2 products.

We are proposing to replace the existing Tridium Jace R2 with the latest Tridium model, a Niagara 8000-N4 network controller. Tridium Niagara 4 is not backward capable with Niagara R2, which means that we need to rewrite the complete software database and all the graphics. A few of the new Tridium Niagara 4 features:

- It has standard WI-FI capability.
- All new user interface. Niagara 4 features a bold and intuitive new interface. Modern and easy to use, the platform utilizes HTML5 (omitting JAVA upgrade issues) to provide an array of rich features.
- More data at your fingertips. With a simple point and click or drag and drop, users create customized charts, allowing them to instantly find and display critical information.
- Improved Security. Niagara 4 is secure by default. Authentication requires users to choose strong credentials, and both data in motion and sensitive data at rest are encrypted.
- On January 01, 2016, Tridium changed their software upgrade process for Niagara 4 and Jace 8000 to an annual Software Maintenance Agreement (**SMA**). The **SMA** is **mandatory** for the first year and after the first year you have the choice to renew or let it expire. However a **gap charge will apply** by renewal of the SMA after a time lapse. With the annual maintenance agreement you will have access to all software versions (AX or N4) update builds and patches for an entire year. The SMA period starts when the license for the product is created in Niagara Central.

**Our scope of work is as follows:**

- Furnish and install one Tridium Jace 8000-N4 network controller.
- Provide a one (1) year Tridium Software Maintenance Agreement (SMA).
- Provide software programming for the new database.
- Provide custom graphics.
- Provide functional testing of newly completed work.
- Provide a total of eight (8) hours of on-site end-user training for Circon and Tridium.

- Provide a deficiency report from the existing controllers before replacing the Tridium Jace.
- Provide Circon Network Integrator and install it on owner provided computer or laptop with operating system Windows 10 Pro.
- With the Circon and Tridium software you have unlimited access to all setpoints and datapoints.

**TOTAL INVESTMENT AMOUNT: $23,818.00 _____ approved**

***We request 3-4 weeks to acquire material and mobilize for this project.***
***An accelerated start date may result in a fiscal adjustment to this proposal.***

***Exclusions/Clarifications:***

- Excludes overtime and premium time.
- Excludes liquidated damages.
- Excludes troubleshooting, repairing, replacing existing controllers, end-devices and wiring.
- Excludes any mechanical or electrical repairs of any kind on the existing equipment.
- Excludes any troubleshooting, repairing, rewiring of the existing LON communication bus if required.
- The owner must provide Internet access and allow Althoff to access the Tridium from a remote location for the purpose of diagnostics and troubleshooting, during the warranty period.
- The owner shall provide the as-built AutoCAD drawings of all the floor-plans, these drawings shall be used as under-layer for the Tridium front-end graphics.
- Equipment, materials and workmanship incorporated into this proposal shall be warranted for a period of one year from the time of (substantial) completion.
- Payment due within thirty days from date of invoice. Should the account be referred to a collection agency or attorney, customer agrees to pay all collections costs, reasonable attorney's fees, 18 % interest annually or 1.5% per month until date of full payment.
- It is understood and agreed that unforeseen conditions and/or changes in the scope of work may result in additional cost and/or time extensions to this proposal.
- Proposal is valid for a period of 30 days.

Thank you for the opportunity. We look forward to assisting you with this project. Please contact me at (815) 455-7000, extension 1216, with any questions you may have.

Sincerely,

**ALTHOFF INDUSTRIES, INC.**

*Rami Nassib*

Accepted By: _____ Date: _____

RN/jm
CityofWChicagoTridiumUpgradeC201701048

# ALTHOFF INDUSTRIES, INC.

Mechanical, Electrical, Plumbing and Building Automation

## TERMS & CONDITIONS

Updated (05/02/2011)

No other terms, including those on Applicant's Purchase Order, may add to, modify, supersede or otherwise alter the TERMS contained herein, without the express written approval by an authorized of representative of Althoff Industries, Inc. All other terms are hereby rejected. By allowing Althoff Industries, Inc., to complete work described herein, Customer hereby agrees to the following terms and conditions.

Customer agrees to promptly notify us of any unusual operating conditions of the subject equipment or problems with workmanship in regard to work that was performed as defined by the proposal attached with this form. **Customer understands that Althoff Industries, Inc. has a 24 hour, 7 day a week answering service to respond to any issues.** Customer further understands and agrees that if customer fails to so notify Althoff Industries, Inc. in a timely manner, of any problems or unusual operating conditions of the subject equipment or problems with workmanship, then Althoff Industries, Inc., shall not be liable for any and all claims, losses, costs, and damages, including but not limited to attorney's fees and other such damages to the extent caused by the customer's failure to provide the required notification. During the performance of any work under this agreement, Althoff Industries agrees to carry commercial general liability insurance and worker's compensation insurance in the amount required by the Customer.

Damages of any type relating to the installed system or its operation in new or existing facilities; even if by our negligence, will be limited by to the total amount of funds received for this contract from customer.

Althoff Industries is not responsible for viruses and/or network issues that may arise from Althoff Industries field laptops that connect to a customer LAN, WAN, or other computer network.

Problems relating to abuse, vandalism, power failure or power quality issues, misuse, fire, lightning, flood, or other Acts of God or acts of third parties other than Althoff Industries, or its employees, subcontractors or agents are not covered. Repairs necessitated by these items will be billed to the customer at our normal rates.

Althoff Industries, Inc. will not be responsible for any problems, costs, liabilities, damages, etc. caused by another firm, company or individual not directly employed or authorized by Althoff Industries who tampers with, changes, modifies, or services any part of the system referenced by this contract.

## PAYMENT TERMS

Payment terms include monthly progress billings and are due on a net thirty (30) days basis. Work described by this proposal may be suspended if monthly progress payments are not made on a timely basis. Should this account be referred to a collection agency or attorney for failure to pay in accordance with the terms and conditions of this agreement, the customer agrees to all collection costs, reasonable attorney fees, and 18% interest annually or 1.50% per month until date of full payment. All warranty coverage listed herein will be suspended until such time as any and all past due payments are received by Althoff Industries, Inc.

**System's operational compliance with the specifications will be demonstrated to the customer or customer's representative at "substantial completion" of this project. This compliance may not be passed to the customer in its entirety until final payment is received by Althoff Industries, Inc.**

**I/we have read and agree to the terms and conditions as listed above.**

**Customer or Authorized Agent:** _____
Printed Name

_____ **Date:** _____
Signature

8001 South Route 31 · Crystal Lake, Illinois 60014
815-455-7000 · www.althoffind.com

# CITY OF WEST CHICAGO

## INFRASTRUCTURE COMMITTEE
## AGENDA ITEM SUMMARY

**ITEM TITLE:**

Purchase of One 2020 Ford F550 4WD Truck Chassis Equipped with a Maintainer Service Body, Crane, Generator/Air Compressor/Welding Unit, and Appurtenances from EJ Equipment, Inc. of Manteno, Illinois

**AGENDA ITEM NUMBER:** 4.C.

**COMMITTEE AGENDA DATE:** March 5, 2020
**COUNCIL AGENDA DATE:** March 16, 2020

**STAFF REVIEW:** Robert E. Flatter, P.E., Director of Public Works

**SIGNATURE**

**APPROVED BY CITY ADMINISTRATOR:** Michael L. Guttman

**SIGNATURE**

**ITEM SUMMARY:**

Annually, via the State of Illinois Joint Purchasing Contract, the Public Works Department plans and budgets for the purchase and delivery of replacement vehicles. For FY 2020, the Public Works Department has planned and budgeted for the replacement of one 2003 Ford F550 truck chassis equipped with a Maintainer service body, crane, and appurtenances, presently utilized by the Public Works Utility Division for maintenance of the City's sanitary lift stations.

As City staff has been very satisfied with its existing Maintainer service body crane truck for the past 17 years, and as the City has standardized its small and medium duty truck fleet with Ford trucks and chassis, staff has spent the past several months negotiating with EJ Equipment, Inc. of Manteno, Illinois (as authorized area vendor for Maintainer), about ordering a customized Maintainer service body crane truck to meet City needs. If approved for purchase, EJ Equipment, Inc. will purchase the Ford F550 chassis through the Suburban Purchasing Cooperative (SPC) joint purchasing program and then customize it with a Maintainer service body, crane, generator/air compressor/welding unit, and appurtenances. The SSPC is a joint purchasing program sponsored by the Northwest Municipal Conference (NWMC), DuPage Mayors & Managers Conference (DMMC) South Suburban Mayors and Managers Association (SSMMA), and Will County Governmental League (WCGL). Together the SPC represents 145 municipalities and townships in northeastern Illinois.

With cab, chassis, and equipment specified by the City, EJ Equipment, Inc. submitted a price quote of $144,615.00.

The Maintainer service body crane truck will be purchased from the Capital Equipment Replacement Fund (04-34-39-4804) in which $150,000.00 has been budgeted in FY 2020 for said truck. However, if a purchase order is processed in March 2020, said truck will likely not be delivered until late February/early March 2021 (current build lead time is estimated at 12 months).

**ACTIONS PROPOSED:**

That the West Chicago City Council waive competitive bidding and authorize the purchase of one 2020 Ford F550 4WD Truck Chassis equipped with a Maintainer Service Body, Crane, Generator/Air Compressor/Welding Unit, and Appurtenances, at a cost not to exceed $144,615.00, from EJ Equipment, Inc. of Manteno, Illinois.

**COMMITTEE RECOMMENDATION:**

**E J EQUIPMENT, INC.**
**PO Box 665 • 6949 N. 3000 E. Rd.**
**Manteno, IL 60950**
**PH: (815) 468-0250 • Fax: (815) 468-8055**
**www.ejequipment.com**

EQUIPMENT
Sales • Service • Parts

**Ship To:** CITY OF WEST CHICAGO
412 BLAKELEY ST
WEST CHICAGO, IL 60185

**Invoice To:** CITY OF WEST CHICAGO
475 MAIN STREET
WEST CHICAGO IL 60185

Attention: ROCKY HORVATH

| Branch | | |
|---|---|---|
| 01 - CENTRAL | | |
| Date | Time | Page |
| 01/24/2020 | 14:49:33 (O) | 1 |
| Account No. | Phone No. | Estimate No. |
| WESTC001 | 6302932200 | Q02324 |
| Ship Via | Purchase Order | |
| | | |
| Tax ID Number | | |
| | | |
| ERIC LESAGE | | Salesperson S23 / 304 |

## EQUIPMENT ESTIMATE - NOT AN INVOICE

| Description | ** Q U O T E ** | QUOTE VALID: 02/23/2020 | Amount |
|---|---|---|---|
| MAINTAINER SERVICE BODY H7024T-1-084 WITH CRANE | | 104163.00 | 144615.00 |
| MOUNTED ON A 2020 FORD F550 4x4 CHASSIS GAS | | 40452.00 | |

*NOTE: CHASSIS PRICE PER NWMC-SPC CONTRACT

*PLEASE SEE ATTACHED BUILD SHEET FOR EQUIPMENT SPECS*

| | |
|---|---|
| Subtotal: | 144615.00 |
| Quote Total: | 144615.00 |

Authorization: _____

PLEASE NOTE
- PRICING DOES NOT INCLUDE APPLICABLE SALES TAX
- PRICING DOES NOT INCLUDE LICENSE OR TITLE FEES

X _____
*Received By*

EQUIPMENT

# Build Sheet

## Maintainer Service Body H7024T-1-084 with Crane Mounted on a 2020 Ford F550 4x4 Chassis Gas

| QTY | DESCRIPTION |
|---|---|
| | -------- **Maintainer Body** -------- |
| 1 | **MTS-1-084, 52" High X 23" Deep Compartments, 11' Long Body**, 14 / 12 Ga. Body with 14-gauge deck-plate compartment tops & back, 44" x 21" wheel well opening, fuel fill(s) recessed into body side rail.<br>Galvanneal body includes Cabinets with reinforced floors, clean out drains and adjustable aluminum shelving package (250 lb. capacity), 3/16" Aluminum doors with Three Point D-ring door latches and gas spring door holders, 49"W center deck floor is 1/8" diamond plate.<br>Includes wheel skirting, front body bulkhead, rear 10" tall hinge down tailgate, mud flaps, rear body grab handles, ICC recessed LED lights & reflectors, **includes 2 rear oval strobes** 97dB backup alarm, and Mini I.C.C. safety kit (2.5 lb ABC fire extinguisher & hazard reflectors).<br>Body primed and undercoated, splatter-coating on compartment interiors. |
| 1 | **Tall Tower Crane** reinforcement for MTS 1-ton service body (up to 75,000 ft-lb) |
| | |
| | -------- **Compartment Equipment & Accessories** -------- |
| 1 | Pressurized Storage System (PSS), 2-blowers with filters |
| 1 | Tall Oxy / Act bottle storage w/ratchet strap, vents, "J" hks. & reinforced floor |
| | |
| | -------- **Hydraulic Power Package** -------- |
| 1 | **Large open center hydraulic power package**, includes air shift PTO<br>Includes: Vane pump, Large oil reservoir w/ in-tank filter, **high pressure spin on filter**, vent fill cap and sight gauge. **Tank includes ball valve shut off.**<br>**NOTE: This power package will provide approximately 23 GPM.**<br>**NOTE: This Open-Center hydraulic system allows multiple operation of hydraulic components at a time.**<br>**NOTE: H7024TT Crane requirement is maximum 12GPM**<br>**NOTE: Spin on filter to be placed prior to pump**<br>**NOTE: PTO and Pump to be Chelsea, exact models TBA pending pre-production Memo** |
| 1 | **Adder hydraulic kit needed with most air compressors on chassis with gas, propane, or CNG engine**<br>**Soft shift control block spool, coil, connector and bleed down orifice**<br>**Note: Not required on VMAC Predatair 40 air compressor**<br>**Note: Kit to be Chelsea, exact model TBA pending pre-production Memo** |
| | |
| | -------- **Crane Equipment & Accessories** -------- |
| 1 | **H7024TT Crane 7,000 lbs max capacity (45,100 ft-lb) with hydraulic extend hex-boom 11'-24'**<br>Crane includes a true independent, proportional wireless remote, holder with storage sensor & indicator light, ACC w/ crane lifting weight display, gear winch, crane hour meter, engine start/stop, A2B, overload system, holding valves & load block with non-live-swivel safety hook. |
| 1 | Annual crane inspection (Initial inspection) |
| 1 | Backup cable for wireless crane remote, 35ft |
| | |
| | -------- **Outriggers & Accessories** -------- |
| 1 | Outriggers for cranes up to 45,100 ft-lb, hydraulic up/down rear outriggers (2) with hydraulic extend in/out on crane side (30" extend) |
| | |
| | |

| QTY | DESCRIPTION |
|---|---|
| | -------- **Chassis Equipment & Accessories** -------- |
| 1 | Spring or spacer leveling package added to one side of chassis suspension |
| 1 | Camera, relocate existing chassis camera to rear of body |
| 1 | Add charge to standard PTO package for electric-over-hydraulic required on chassis with automatic transmission.(Ford F450-F550, F650-F750 & Ram 4500-5500) |
| 1 | Electronic engine speed control - computer set - electronic engine |
| 1 | **Jump start system - 12/24 volt with 25' cables**<br>NOTE: The following require an additional battery: All Ram chassis & any chassis with a gas engine |
| 1 | **Post installation chassis alignment confirmation** |
| | |
| | -------- **Welder / Generator / Inverter / Power Equipment** -------- |
| 1 | **Miller Bobcat 225 gas (Kohler) GFCI outlets.** NOTE: 28"H (33" to top of exhaust) x 20"W x 40.5"D / 485 lbs. |
| 1 | Welder cover for all Miller Bobcat, Gas and Diesel welders |
| 1 | Mounting angles |
| | |
| | -------- **Air Compressor Equipment & Accessories** -------- |
| 1 | **VMAC Predatair 40 CFM** rotary screw hydraulic driven air compressor w/ white cover (Closed-Center)<br>40 CFM @ 150 psi with 17-gallon air tank with moisture drain & integral hydraulic oil cooler.<br>Includes control panel, mounted near body's switch panel<br>Note: Hydraulic requirement = 14 GPM<br>Cold weather package included (cooler bypass), additional oil warming valve NOT available<br>24"L x 16.5"W x 18"H, 162 lbs |
| 1 | Hose reel access (fiber box) |
| 1 | Air accessory package - 1/2" X 50' Filter / lubricator / regulator, spring rewind reel (J spring), hose & ball stop |
| | |
| | -------- **Lighting / Electrical Equipment & Accessories** -------- |
| 1 | Exterior 12v LED flood light package: **1-Rear / 1-Remote magnet** (2,100 lumens) |
| 4 | Exterior 12v LED flood light<br>**Locations: 2- SS, 2- CS** |
| 7 | Interior 12v LED strip light (can be used in O/A compartments) |
| 1 | Whelen **ION DUO I2SMF** (pair) **Locations: Front Chassis Grill** |
| 2 | Whelen **M4FC Linear Super LED** surface mount strobe light (pair) **Locations: Compartment backs** |
| 1 | Whelen **500 series 5VA02ZCR** (pair) **Locations: Rear bumper** |
| 1 | Whelen 60" Freedom IV LC series F4X0AAAA, (12) F4DLA, (2) F4WAA with MKE27 permanent mount |
| 1 | Light Bar Mount (Steel), front of body, center deck width, tube frame, no panel. Includes paint or protective spray coating to match body |
| 1 | **Chord Grip type grommets for pass through in lieu of standard** |
| | |
| | -------- **Painting Equipment & Accessories** -------- |
| 11 | **Feet of unit painted urethane "White" color**. Not a base coat/clear coat or Metallic<br>Note: Includes protective spray covering on compartment fronts, bottom door frames, outside area around wheel wells, outer vertical outrigger tubes, rear bumper face & step surface<br>Note: For colors other than white additional charges will be required |
| 11 | Feet of Protective Spray Covering - MTS - cargo center deck, compartment tops & sides, front bulkhead, tail gate & extension, bumper and/or workbench area |
| 8 | **Add protective spray to the inside bottom & 6" up all sides of body compartments** |
| | |
| | -------- **Roll-Out drawer and Tray Equipment & Accessories** -------- |
| 1 | DuaLock (5) drawer aluminum set 18"W x 18"D x (5)-4"H, (300 lb. cap. per drawer) Includes top shelf<br>7" bottom space, overall height 30", (1) Permanent Front-to-Back divider, (4) Removable Side-to-Side Dividers |
| 1 | DuaLock (7) drawer aluminum set 29"W x 18"D x (1)-7", (3)-5", (3)-3"H, (300 lb. cap. per drawer) Includes top shelf<br>7" bottom space, overall height 41.50", (2) Permanent Side-to-Side Dividers, Removable Front-to-Back Dividers |
| | |
| | -------- **Center Deck Equipment & Accessories** -------- |
| 4 | Flush mount "D" ring tie-downs in bed floor |
| 18 | E-Track, per ft charge, bolted-on, horizontally mounted (15" above floor) |
| 10 | E-Track Tie-Down with 1-5/16" ID ring |
| 1 | Removable divider panel in center deck, protects water tank in cargo area |
| | |
| | |

| QTY | DESCRIPTION |
|---|---|
| | **-------- Product Tanks --------** |
| 1 | **75-Gallon ALUMINUM tank**, 8D design, equipped with filtered fill cap, suction screen, sight gauge, shut-off valve on tank suction line, installed / spring mounted w/ rubber pad |
| | |
| | **-------- Product Pump Kits --------** |
| 1 | **Hydra Kit - High Pressure Washer, Pace 430 pump 4 GPM @ 3,000 PSI pump output**<br>Hannay 3/8" X 50' spring rewind reel, with rollers, high pressure swivel gun w/ quick-connect, wand & tip<br>Includes auto low level shut-off & indicator, tank drain before pump, and 12 volt / air purge system after pump.<br>**Note: Includes reel with stainless steel internal parts and corrosion resistant fittings (brass or stainless steel)**<br>**Note: To prevent freezing, System needs to be drained completely or filled with anti-freeze** |
| | |
| | **-------- Rear Bumper & Accessories --------** |
| 1 | **26" steel workbench bumper with recessed step on one side**, 2 side storage compartments<br>Includes a single mounting pocket for an optional vise / grinder mounting plate<br>Includes: 2 grab handles and strip light for recessed step safety, transverse bar storage (75" long, flush with floor), doors on both sides. Includes a stainless-steel rear bumper shell |
| 1 | Class IV hitch receiver - 2" receiver - rated at 1,500 lbs. vert. 10,000 lbs. MGTW |
| 1 | Trailer plug-in 7-prong flat blade (RV style) |
| | |
| | **-------- Miscellaneous Equipment & Accessories --------** |
| 1 | Vise / grinder removable mounting plate HD, includes drain slots in plate |
| 1 | **Wilton Vice Model Tradesman 1765XC, 6 ½" jaw width, 6" jaw opening, 4" throat depth** |

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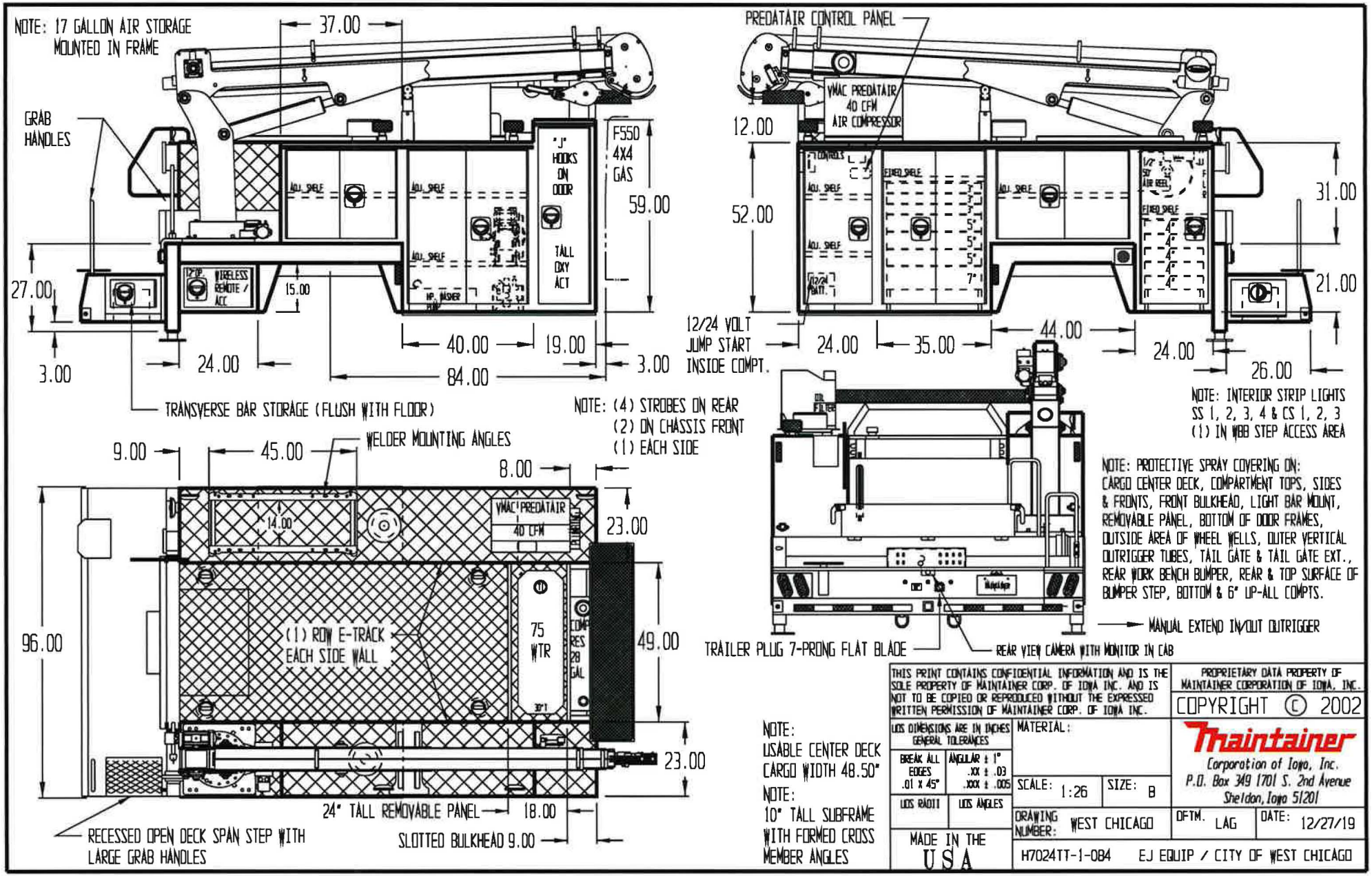


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# CITY OF WEST CHICAGO

## INFRASTRUCTURE COMMITTEE
## AGENDA ITEM SUMMARY

**ITEM TITLE:**

Procurement of Unleaded and Diesel Fuel from Gas Depot through DuPage County Joint Purchasing Program

**AGENDA ITEM NUMBER:** 4.D.

**COMMITTEE AGENDA DATE:** March 5, 2020
**COUNCIL AGENDA DATE:** April 6, 2020

**STAFF REVIEW:** Timothy R. Wilcox, Street Superintendent

**SIGNATURE**

**APPROVED BY CITY ADMINISTRATOR:** Michael L. Guttman

**SIGNATURE**

**ITEM SUMMARY:**

Annually, the City contracts for unleaded gas and diesel fuel deliveries. Costs are determined by using the wholesale low rack gasoline and fuel price on the date of delivery as published by O.P.I.S. (Oil Price Information Service), plus delivery charges, and applicable taxes. The only variable to the annual contract and bids are delivery charges.

In previous years, the City has participated in the Suburban Purchasing Cooperative (SPC) Joint Purchasing Program and most recently in DuPage County's Joint Purchasing Program for fuel purchase and delivery.

In January 2019, DuPage County agreed to add the City of West Chicago and its estimated fuel quantities to the bid proposal document under a bid category titled "Group 3 - DuPage County Entities". Gas Depot was the lowest bidder with a delivery markup bid of $0.009/gallon for unleaded fuel and $.0145/gallon for low sulfur diesel. For bidding purposes, the quantity of 80,000 gallons of unleaded gasoline and 50,000 gallons of low sulfur diesel was identified for the City of West Chicago. The estimated annual delivery mark-up for that amount of fuel is approximately $1,445.00 (see attached bid tab for additional information).

Staff has recently been advised that the DuPage County Board is slated to approve a Contract extension with Gas Depot at the DuPage County Board Meeting on March 24, 2020, for the period April 1, 2020 to March 31, 2021. The mark-up for fuel delivery on said Contract extension for the applicable Group 3 bid category will be the same as 2019 (e.g., $0.009/gallon for unleaded fuel and $.0145/gallon for low sulfur diesel).

Although fuel costs vary on date of delivery, the City's annual fuel usage for 2020 is estimated to be approximately 72,000 gallons (unleaded and diesel combined) and estimated at approximately $164,000.00. In addition, the Fire Protection District and School District use the City's fueling station and used approximately 23,000 gallons of fuel in 2019 (unleaded and diesel combined), estimated at approximately $54,000.00 for 2020. Each District reimburses the City for the portion of fuel it uses. It is estimated that the combined fuel cost for the period April 1, 2020 to March 31, 2021, including delivery cost mark-up, for all users will be approximately $221,000.00. There is currently $182,700.00 budgeted in FY 2020 for the City's fuel needs.

Staff seeks authorization to use the DuPage County Joint Purchasing Program to purchase, and have delivered, unleaded gasoline and diesel fuel from Gas Depot for the period April 1, 2020 thru March 31, 2021.

**ACTIONS PROPOSED:**

Authorize the purchase and delivery of Unleaded Gasoline and Diesel Fuel, from April 1, 2020, thru March 31, 2021, from Gas Depot, using pricing obtained through the DuPage County Joint Purchasing Contract, for an amount not to exceed $221,100.00.