

CITY OF WEST CHICAGO

WHERE HISTORY & PROGRESS MEET

INFRASTRUCTURE COMMITTEE

**Thursday, May 6, 2021
7:00 P.M. – Committee Room A**

During the COVID-19 Pandemic, those wishing to attend public meetings of the Infrastructure Committee are welcome to do so at City Hall. You may attend in person and listen to the audio of the meeting, or via teleconference from home or another location on the Zoom app. Downloading Zoom from zoom.us will provide the audio link to the meeting. Anyone wishing to provide comment on a topic or an agenda item may address the Infrastructure Committee by 4:00 p.m. the day of the meeting. You may do so by either an online form on the City's website, email to publicworks@westchicago.org, or voicemail message at (630) 293-2255. Your comment to the Infrastructure Committee will be read during the Public Participation portion of the agenda.

Meeting ID: 896 6956 2327

Password: 084949

AGENDA

1. Call to Order, Roll Call, and Establishment of a Quorum
2. Selection of a Chairman and Vice-Chairman
3. Approval of Minutes
 - A. Infrastructure Committee of April 1, 2021
4. Public Participation / Presentations
5. Items for Consent
 - A. Purchase of Rock Salt from Compass Minerals America, Inc., Overland Park, Kansas, for the 2020-2021 Winter Season – Change Order No. 1 and Final
 - B. Purchase of Rock Salt from Compass Minerals America, Inc., Overland Park, Kansas, for the 2021-2022 Winter Season
 - C. Purchase of One 2020 Ford F150 Crew Cab 4WD Police Responder – Morrow Brothers Ford, Inc., Greenfield, Illinois
 - D. Procurement of Unleaded and Diesel Fuel from Gas Depot through DuPage County Joint Purchasing Program
 - E. 2021 Asphalt Materials Procurement – DuPage County Joint Purchasing Program - Plote Construction, Inc.
 - F. Ordinance No. 21-O-0012– Authorizing the Disposal of Surplus Equipment, Stock Inventory, and/or Personal Property Owned By the City of West Chicago
 - G. Resolution No. 21-R-0032 - Authorizing the City Clerk to Execute and Submit to the Illinois Department of Transportation Required Documents Related to the Establishment of a Class II Truck Route

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Ruben Pineda
MAYOR
Nancy M. Smith
CITY CLERK

Michael L. Guttman
CITY ADMINISTRATOR

H. Resolution No. 21-R-0033 – Professional Services Agreement – Advanced
Automation and Controls, Inc. for Services Related to the 2021 Water Distribution
System Supervisory Control and Data Acquisition (SCADA) System Upgrade Project

6. Items for Discussion
7. Unfinished Business
8. New Business
9. Reports from Staff
10. Adjournment

CITY OF WEST CHICAGO

WHERE HISTORY & PROGRESS MEET

Draft

MINUTES

INFRASTRUCTURE COMMITTEE

April 1, 2021 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 Alderman James Beifuss present in-person, and Aldermen Heather Brown, Sandra Dimas, Alton Hallett, and Joe Morano present via Zoom teleconference. Aldermen Matt Garling and Jeanne Short were absent.

Staff present in-person included Director of Public Works Robert Flatter. Administrative Assistant Ashley Heidorn and Utility Division Superintendent Rocky Horvath were present via Zoom teleconference. Mayor Pineda has determined that in-person meetings are not practical and prudent.

2. **Approval of Minutes**

A. **Infrastructure Committee Minutes of March 4, 2021.** Alderman Brown made a motion, seconded by Alderman Hallett to approve the Meeting Minutes of March 4, 2021.

Roll call was taken. Voting Yea: Aldermen Beifuss, Brown, Dimas, Hallett, and Morano. Voting Nay: 0.

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

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

- A. Waive the Competitive Bidding Process and Authorize the Purchase of Fall Protection Equipment for all Sanitary Sewer Lift Stations from USA Bluebook
- C. Resolution No. 21-R-0023 - Contract Award – KLM Engineering, Inc. – Professional Engineering Services Related to the Booster Station #8 Ground Storage Tank Rehabilitation Project

Roll call found the vote unanimous for approval. Voting Yea: Aldermen Beifuss, Brown, Dimas, Hallett, and Morano. Voting Nay: 0.

5. **Items for Discussion.**

4.B. Resolution No. 21-R-0022 - Contract Award – Trotter and Associates, Inc. for Engineering Design Services Related to the Booster Station #8 Rehabilitation Project. This item was pulled to clarify a scrivener's error regarding the contract amount; the correct amount is \$68,900.00. **Alderman Dimas made a motion, seconded by Alderman Brown to approve.**

Roll call found the vote unanimous for approval. Voting Yea: Aldermen Beifuss, Brown, Dimas, Hallett, and Morano. Voting Nay: 0.

4.D. Waive the Competitive Bidding Process and Approve Resolution No. 21-R-0024 - Contract Award – The FLOLO Corporation for Professional Services Related to the Rehabilitation of Three Water Treatment Plant High Service Pump Motors. Mr. Flatter explained that the City's Water Treatment Plant (WTP) utilizes up to three high service pumps to transfer treated water from ground storage tanks at the WTP into the City's water distribution system for consumption. It is critical to have access to at least two pumps at all times. The existing motors are original and have not been serviced since January 2005 when the WTP came on-line. In January 2021, the motor for high service pump #1 began to exhibit symptoms of bearing wear, and analysis of the other two motors indicated the same. One new motor was installed onto high service pump #1, and staff determined that the best course of action would be to have all three original motors rehabilitated, leaving one available as a spare. Alderman Brown inquired if there was any warranty for the motor rehabilitation, and Mr. Flatter indicated a typical warranty is one year. Mr. Horvath noted that the City has utilized The FLOLO Corporation enough times in the past that they have never had an issue with their products or warranties, and he does not foresee there being any issues should a complication arise. **Alderman Dimas made a motion, seconded by Alderman Brown to approve.**

Roll call found the vote unanimous for approval. Voting Yea: Aldermen Beifuss, Brown, Dimas, Hallett, and Morano. Voting Nay: 0.

6. Unfinished Business. None.

7. New Business. None.

8. Reports from Staff. None.

9. Adjournment. At 7:15 P.M., Alderman Dimas made a motion to adjourn, seconded by Alderman Brown. Roll call found the vote unanimous for approval.

Respectfully submitted,

Ashley Heidorn
Administrative Assistant of Public Works

CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE AGENDA ITEM SUMMARY

ITEM TITLE:

Purchase of Rock Salt from Compass Minerals America, Inc., Overland Park, Kansas, for the 2020-2021 Winter Season – Change Order No. 1 and Final

AGENDA ITEM NUMBER:

5.A.

COMMITTEE AGENDA DATE: May 6, 2021

COUNCIL AGENDA DATE: May 17, 2021

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

SIGNATURE 

APPROVED BY CITY ADMINISTRATOR: Michael L. Guttman

SIGNATURE _____

ITEM SUMMARY:

On Monday, May 18, 2020, City Council authorized the purchase of up to 3,900 tons of rock salt, at the price of \$81.13 per ton delivered, from Compass Minerals America, Inc. of Overland Park, Kansas under the DuPage County Rock Salt Joint Purchasing Program for the 2020-2021 winter season.

Typically, during a winter season, staff works diligently to ensure deliveries do not exceed the seasonal quantity approved by City Council. However, deliveries are hauled/received via semi-truck(s) in which loads range from 19 to 26 tons per truck, with an average truck hauling approximately 22 tons. Given the variance in load volumes, on occasion, final quantities delivered have nominally exceeded approved quantities resulting in need for a change order approval (e.g., 2019-2020 winter season deliveries exceeded order quantity by 55.75 tons).

For the 2020-2021 winter season, staff wrongfully recorded/tracked delivery quantities and inadvertently ordered rock salt that ultimately exceed the previously approved quantity by 201.75 tons; resulting in actual deliveries received for the 2020-2021 winter season totaling 4,101.75 tons. The 201.75 ton overage results in the need for City Council approval of Change Order No. 1 and Final for \$16,367.98.

ACTIONS PROPOSED:

Approve Change Order No. 1 and Final authorizing the additional purchase of 201.75 tons of rock salt, at the price of \$81.13 per ton delivered, from Compass Minerals America, Inc. of Overland Park, Kansas under the DuPage County Rock Salt Joint Purchasing Program for the 2020-2021 winter season; resulting in a total approved purchase quantity of 4,101.75 tons.

COMMITTEE RECOMMENDATION:

CITY OF WEST CHICAGO

PUBLIC WORKS

REQUEST FOR
AUTHORIZATION FOR CHANGE ORDERSTO: Michael Guttman
City Administrator

Project: Purchase of Rock Salt for 2020-2021 Winter Season

Authorization No. 1

Date: 5/6/2020

Contractor: Compass Minerals America, Inc.

Dear Sir:

I recommend that a change be made as follows to the above contract:

An (addition, extension, deduction) will be made from Station _____ to Station _____,
a net length of _____ miles. This change revises the total length to _____ miles.The estimated quantities are shown below. The first addition of an item not in the
original contract under the fund type is indicated by asterisk (*).

ITEM NO.	*	ITEM DESCRIPTION AND UNIT	QUANTITY	UNIT	UNIT PRICE	TOTAL ADDITION/REDUCTION
1		Additional purchase of Rock Salt for 2020-2021 winter season	201.75	Tons	\$81.13	\$16,367.98

Totals \$16,367.98

Amount of Original Contract: \$316,407.00
 Previous Change Orders:
 Net Change to Date: \$16,367.98
 % of Original Contract Price: 5.17%

State fully the nature and reason for the change:

Actual quantities delivered and received.When the net increase or decrease to the contract exceeds \$10,000 or the time of completion is increased or
decreased by 30 days or more, one of the following statements shall be checked.

- ☐ The undersigned determine that the circumstances that necessitate this change were not
reasonably foreseeable at the time of the original contract.
- ☐ The undersigned determine that the circumstances that necessitate this change were not
within the contemplation of the contract as signed.
- ☒ The undersigned determine that this change is in the best interest of the local agency and is
authorized by law.

Date: May 17, 2021

Date: May 17, 2021

Approved:

Attest:

Mayor Ruben Pineda_____
City Clerk Nancy M. Smith

CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE AGENDA ITEM SUMMARY

ITEM TITLE:

Purchase of Rock Salt from Compass Minerals America, Inc.,
Overland Park, Kansas, for the 2021-2022 Winter Season

AGENDA ITEM NUMBER: 5.B.**COMMITTEE AGENDA DATE:** May 6, 2021**COUNCIL AGENDA DATE:** May 17, 2021**STAFF REVIEW:** Robert E. Flatter, P.E., Director of Public Works**SIGNATURE** **APPROVED BY CITY ADMINISTRATOR:** Michael L. Guttman**SIGNATURE** _____**ITEM SUMMARY:**

For Fiscal Year 2021, or for the 2021-2022 winter season, City staff participated in the DuPage County Rock Salt Joint Purchasing Program. On Monday, March 15, 2021, City staff submitted information to DuPage County of the City's intent to participate in its Rock Salt Joint Purchasing Program for the purchase of 3,000 tons of rock salt (2,400 tons (80%) minimum purchase required and 3,900 tons (130%) maximum purchase guaranteed available).

On Tuesday, March 31, 2020, DuPage County opened bids for BID#20-035-DOT – BULK ROCK SALT for the purchase of rock salt for the 2020-2021 winter season (Fiscal Year 2020). Four bids were received with Compass Minerals America, Inc. of Overland Park, Kansas, submitting the lowest responsible bid of \$81.13 per ton of rock salt delivered. On May 18, 2020, West Chicago City Council approved the purchase of up to 3,900 tons of rock salt delivered from Compass Minerals America, Inc., utilizing the DuPage County Rock Salt Joint Purchasing Program, at \$81.13 per ton delivered for the 2020-2021 winter season (Fiscal Year 2020).

On April 13, 2021, the DuPage County Board approved a Contract extension (the first of three possible contract extensions) with Compass Minerals America, Inc. for the purchase and delivery of rock salt for the 2021-2022 winter season (Fiscal Year 2021) at the Fiscal Year 2020 price of \$81.13 per ton delivered.

Based upon pricing held/extended under the DuPage County Rock Salt Joint Purchasing Program, City staff recommends that City Council authorize the purchase of up to 3,900 tons of rock salt, at the price of \$81.13 per ton delivered, from Compass Minerals America, Inc., of Overland Park, Kansas for the 2021-2022 winter season (Fiscal Year 2021) under the DuPage County Rock Salt Joint Purchasing Program.

Purchase History:

- For FY 2020, or the 2020-2021 winter season, the City paid \$81.13 per ton of rock salt delivered under the DuPage County Rock Salt Purchasing Program.
- For FY 2019, or the 2019-2020 winter season, the City paid \$82.96 per ton of rock salt delivered under the DuPage County Rock Salt Purchasing Program.
- For FY 2018, or the 2018-2019 winter season, the City paid \$67.15 per ton of rock salt delivered under the DuPage County Rock Salt Purchasing Program.
- For FY 2017, or the 2017-2018 winter season, the City paid \$51.49 per ton of rock salt delivered under the DuPage County Rock Salt Purchasing Program.
- For FY 2016, or the 2016-2017 winter season, the City paid \$56.35 per ton of rock salt delivered under the DuPage County Rock Salt Purchasing Program.
- For FY 2015, or the 2015-2016 winter season, the City paid \$70.44 per ton of rock salt delivered under the DuPage County Rock Salt Purchasing Program.
- For FY 2014, or the 2014-2015 winter season, the City paid \$112.69 per ton of rock salt delivered under the CMS program (State of Illinois Program).

CITY OF WEST CHICAGO

ACTIONS PROPOSED:

That the West Chicago City Council authorize the purchase of up to 3,900 tons of rock salt, at the price of \$81.13 per ton delivered, from Compass Minerals America, Inc. of Overland Park, Kansas under the DuPage County Rock Salt Joint Purchasing Program for the 2021-2022 winter season.

COMMITTEE RECOMMENDATION:

CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE AGENDA ITEM SUMMARY

ITEM TITLE:

Purchase of One 2020 Ford F150 Crew Cab 4WD Police Responder – Morrow Brothers Ford, Inc., Greenfield, Illinois

AGENDA ITEM NUMBER: 5.C.**COMMITTEE AGENDA DATE:** May 6, 2021**COUNCIL AGENDA DATE:** May 17, 2021**STAFF REVIEW:** Robert E. Flatter, P.E., Director of Public Works**SIGNATURE** **APPROVED BY CITY ADMINISTRATOR:** Michael L. Guttman**SIGNATURE** _____**ITEM SUMMARY:**

For FY 2021, Police Department staff have planned and budgeted for the replacement of one 2009 Ford F150 Super Cab 4WD Pickup Truck, currently used as a Community Service Officer vehicle, with a 2021 Ford F150 Crew Cab 4WD Police Responder.

To allow local vendors an opportunity to quote on the 2021 Ford Police Responder, in April 2021, the City of West Chicago solicited price quotes from thirteen Ford dealerships in Illinois. These dealerships included local Ford dealerships and dealerships that currently hold, or previously held, State of Illinois or Suburban Purchasing Cooperative (SPC) Joint Purchasing Program contracts. From our request, only four dealerships responded:

- Bob Riddings Ford, Taylorville, Illinois - \$39,432.00 each.
- Sutton Ford, Matteson, Illinois (SPC Program) – \$40,407.00 each.
- Hawk Ford of St. Charles, St. Charles, Illinois - \$40,980.00 each.
- Haggerty Ford, West Chicago, Illinois - \$42,391.00 each.

In addition, Morrow Brothers Ford, Inc. of Greenfield, Illinois, submitted information on readily available, in stock, new 2020 model year units, each containing equipment similar to that as being sought for the 2021 model year units. Morrow Brothers Ford pricing for the 2020 Ford F150 Crew Cab 4WD Police Responder is \$39,235.00 each delivered to West Chicago.

Recent conversations with several local dealerships revealed that production of most vehicles is being delayed because of an on-going steel shortage, specialty pigment paint shortage, and computer chip manufacturing delays. As a result, if ordered in May 2021, delivery of a 2021 model year Police Responder will likely not occur until at least October 2021.

Based on comparable pricing received, 2021 model year production delays, and in stock availability, staff recommends purchasing one 2020 Ford F150 Crew Cab 4WD Police Responder, for the Police Department, from Morrow Brothers Ford, Inc. of Greenfield, Illinois, for an amount not to exceed \$39,235.00.

This vehicle will be purchased from the Capital Equipment Replacement Fund (04-34-39-4804) in which adequate funds are available for said purchase. Necessary appurtenances/equipment (i.e., lights, sirens, decals, radios, computers, protective screens/cages, etc.) will be installed by a third party after the City of West Chicago takes delivery of the units (estimated to cost an additional \$12,000.00 per vehicle).

CITY OF WEST CHICAGO

The existing 2009 Ford F150 Super Cab 4WD CSO Pickup Truck will continue to be utilized by the Police Department, as a second CSO vehicle, until such time that the cost of repairs exceed the salvage value of the vehicle. The vehicle that is currently being utilized as the second CSO vehicle (i.e., 2006 Ford Explorer) will be sold at auction.

ACTIONS PROPOSED:

That the West Chicago City Council authorize the purchase of one 2020 Ford F150 Crew Cab 4WD Police Responder from Morrow Brothers Ford, Inc. of Greenfield, Illinois, for an amount not to exceed \$39,235.00.

COMMITTEE RECOMMENDATION:

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: 5.D.**COMMITTEE AGENDA DATE:** May 6, 2021**COUNCIL AGENDA DATE:** May 17, 2021**STAFF REVIEW:** Robert E. Flatter, P.E., Director of Public Works**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.

Prior to Fiscal Year 2015, the City had participated in the Suburban Purchasing Cooperative (SPC) Joint Purchasing Program for fuel purchase. Since 2015 the City has participated 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. In 2020, DuPage County approved the first of three possible contract extension with Gas Depot for fuel purchase and delivery at the 2019 prices.

Staff has recently been advised that on March 9, 2021, the DuPage County Board approved another Contract extension (the second of three possible contract extensions) with Gas Depot for the purchase and delivery of fuel for the period of April 1, 2021 through March 31, 2022, at the 2019 prices. The mark-up for fuel delivery on said Contract extension for the applicable Group 3 bid category will be the same as 2019 and 2020 (e.g., \$0.009/gallon for unleaded fuel and \$.0145/gallon for low sulfur diesel). Gas Depot has also provided a confirmation letter for the extension of pricing to the City (see attached).

Although fuel costs vary on date of delivery, the City's annual fuel usage for Fiscal Year 2021 is estimated to be approximately 75,000 gallons (unleaded and diesel combined) for an estimated cost of approximately \$160,000.00. In addition, the Fire Protection District and School District use the City's fueling station and are estimated to use approximately 23,000 gallons of fuel in Fiscal Year 2021 (unleaded and diesel combined), estimated at a cost of approximately \$52,000.00. Each District reimburses the City for the portion of fuel it uses. It is estimated that the combined fuel cost for Fiscal Year 2021, including delivery cost mark-up, for all users will be approximately \$212,000.00. There is currently \$182,400.00 budgeted in Fiscal Year 2021 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, 2021 thru March 31, 2022.

CITY OF WEST CHICAGO

ACTIONS PROPOSED:

Authorize the purchase and delivery of Unleaded Gasoline and Diesel Fuel, from April 1, 2021, thru March 31, 2022, from Gas Depot, using pricing obtained through the DuPage County Joint Purchasing Contract, for an amount not to exceed \$212,000.00.

COMMITTEE RECOMMENDATION:



Gas Depot Oil Company
8930 N. Waukegan Rd. Suite 230
Morton Grove, IL 60053
(847) 581-0303, Fax (847) 581-0309

April 14, 2021

Mr. Robert Flatter, P.E., Director of Public Works
City of West Chicago
475 Main Street
West Chicago, IL 60185

Dear Mr. Flatter,

As you are aware Gas Depot was awarded a Contract with DuPage County in 2019 to provide fuel delivery. The contract bid prices were also extended to other DuPage Entities including West Chicago. Gas Depot currently provides fuel delivery to The City of West Chicago.

The current contract allows for three additional one-year contract extensions at the same delivery markup pricing (\$0.0090/gallon unleaded, and \$0.0145/gallon diesel). Gas Depot will extend the current contract to DuPage County and other DuPage Entities including West Chicago for the second of three possible one-year contract extensions.

Sincerely,

Nick Tanglis
CFO

CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE AGENDA ITEM SUMMARY

ITEM TITLE:

2021 Asphalt Materials Procurement – DuPage County
Joint Purchasing Program - Plote Construction, Inc.

AGENDA ITEM NUMBER: 5.E.**COMMITTEE AGENDA DATE:** May 6, 2021
COUNCIL AGENDA DATE: May 17, 2021**STAFF REVIEW:** Robert E. Flatter, P.E., Director of Public Works**SIGNATURE** **APPROVED BY CITY ADMINISTRATOR:** Michael L. Guttman**SIGNATURE** _____**ITEM SUMMARY:**

For over 33 years the City has utilized the DuPage County Joint Purchasing Program for the procurement of asphalt materials. DuPage County has a Joint Purchasing Program similar to the State of Illinois Joint Purchasing Program where annually it solicits bids for materials by way of public bid and then allows municipalities to take advantage of the competitively bid unit prices.

Recently DuPage County advised staff that Plote Construction, Inc. (Plote) was awarded a contract for Asphalt Materials, both Surface and Binder Course, effective April 1, 2021 and expiring March 31, 2022. Plote has agreed to extend its bid to other taxing bodies in DuPage County through the Joint Purchasing Program. Public Works staff will be able to pick up hot mix asphalt (HMA) material as needed from the plant located on Washington Street, near Illinois Route 38, in West Chicago, Illinois.

The City uses HMA to repair street openings from water and sewer excavations, for pothole patching, repair of surface imperfections through grinding and patching, and overlayment of sections of streets where the surface is deteriorated and the street is not scheduled for contractual reconstruction or resurfacing. For Fiscal Year 2021, staff anticipates using approximately 700 tons of surface mix and approximately 50 tons of binder mix. Material cost varies from \$59.00 to \$100.00 per ton depending on the type of HMA required. The amount of \$46,000 has been budgeted in the Capital Projects Fund for the purchase of HMA during Fiscal Year 2021.

Staff recommends using the DuPage County Joint Purchasing Program for the procurement of Asphalt Materials from Plote Construction, Inc. for Fiscal Year 2021.

A copy of the DuPage County bid awarded to Plote Construction, Inc. is attached for your consideration.

ACTIONS PROPOSED:

Authorize the purchase of Asphalt Materials, as needed, from Plote Construction, Inc. for an amount not to exceed \$46,000.00, through the DuPage County Joint Purchasing Program, during Fiscal Year 2021.

COMMITTEE RECOMMENDATION:



**THE COUNTY OF DUPAGE
FINANCE - PROCUREMENT
CONSTRUCTION MATERIALS (BITUMINOUS PAVING MATERIALS)
21-007-DOT**

DuPage County Materials Company LLC

Vendor Plant Site		HMA Surface Course, Mix D, N70	HMA Surface Course, Mix D, N50	HMA Binder Course, IL-19, N70	HMA Binder Course, IL-19, N50	Polymerized HMA Surface Course, Mix E, N70	Polymerized HMA Binder Course, IL-4.75, N50	Driveway / Private Mix	SS-1 Asphalt Emulsion (BULK)	SS-1 Asphalt Emulsion 5 Gallon / Pail	Cold Patch	Dumping of Asphalt Grindings	Dumping of Broken Asphalt	Dumping of Clean Concrete
	UOM	Ton	Ton	Ton	Ton	Ton	Ton	Ton	GAL	EA	Ton	Ton	Ton	Ton
Location 1 - Elmhurst		\$60.75	\$58.50	\$53.25	\$53.50	\$95.00	\$95.00	\$57.00	\$5.00	\$40.00	\$160.00	\$7.75	\$7.75	No Bid

Plote Construction Inc.

Vendor Plant Site		HMA Surface Course, Mix D, N70	HMA Surface Course, Mix D, N50	HMA Binder Course, IL-19, N70	HMA Binder Course, IL-19, N50	Polymerized HMA Surface Course, Mix E, N70	Polymerized HMA Binder Course, IL-4.75, N50	Driveway / Private Mix	SS-1 Asphalt Emulsion (BULK)	SS-1 Asphalt Emulsion 5 Gallon / Pail	Cold Patch	Dumping of Asphalt Grindings	Dumping of Broken Asphalt	Dumping of Clean Concrete
	UOM	Ton	Ton	Ton	Ton	Ton	Ton	Ton	GAL	EA	Ton	Ton	Ton	Ton
Location 1 - West Chicago		\$60.00	\$60.00	\$59.00	\$59.00	\$100.00	\$100.00	No Bid	No Bid	\$40.00	No Bid	\$6.00	\$10.00	No Charge
Location 2 - Bartlett		\$60.00	\$60.00	\$59.00	\$59.00	\$100.00	\$100.00	No Bid	No Bid	\$40.00	No Bid	No Charge	\$3.00	No Charge

K-Five Hodgkins LLC

Vendor Plant Site		HMA Surface Course, Mix D, N70	HMA Surface Course, Mix D, N50	HMA Binder Course, IL-19, N70	HMA Binder Course, IL-19, N50	Polymerized HMA Surface Course, Mix E, N70	Polymerized HMA Binder Course, IL-4.75, N50	Driveway / Private Mix	SS-1 Asphalt Emulsion (BULK)	SS-1 Asphalt Emulsion 5 Gallon / Pail	Cold Patch	Dumping of Asphalt Grindings	Dumping of Broken Asphalt	Dumping of Clean Concrete
	UOM	Ton	Ton	Ton	Ton	Ton	Ton	Ton	GAL	EA	Ton	Ton	Ton	Ton
Location 1 - Hodgkins		\$60.75	\$58.50	\$53.25	\$53.50	\$95.00	\$95.00	\$57.00	\$5.00	\$40.00	\$160.00	\$7.75	\$7.75	No Bid

Chicago Materials Company

Vendor Plant Site		HMA Surface Course, Mix D, N70	HMA Surface Course, Mix D, N50	HMA Binder Course, IL-19, N70	HMA Binder Course, IL-19, N50	Polymerized HMA Surface Course, Mix E, N70	Polymerized HMA Binder Course, IL-4.75, N50	Driveway / Private Mix	SS-1 Asphalt Emulsion (BULK)	SS-1 Asphalt Emulsion 5 Gallon / Pail	Cold Patch	Dumping of Asphalt Grindings	Dumping of Broken Asphalt	Dumping of Clean Concrete
	UOM	Ton	Ton	Ton	Ton	Ton	Ton	Ton	GAL	EA	Ton	Ton	Ton	Ton
Location 1 - Naperville		\$61.50	\$61.25	\$57.25	\$56.25	\$95.00	\$85.00	\$59.25	No Bid	\$40.00	No Bid	\$7.75	\$7.75	\$7.75

Route 66 Asphalt Company

Vendor Plant Site		HMA Surface Course, Mix D, N70	HMA Surface Course, Mix D, N50	HMA Binder Course, IL-19, N70	HMA Binder Course, IL-19, N50	Polymerized HMA Surface Course, Mix E, N70	Polymerized HMA Binder Course, IL-4.75, N50	Driveway / Private Mix	SS-1 Asphalt Emulsion (BULK)	SS-1 Asphalt Emulsion 5 Gallon / Pail	Cold Patch	Dumping of Asphalt Grindings	Dumping of Broken Asphalt	Dumping of Clean Concrete
	UOM	Ton	Ton	Ton	Ton	Ton	Ton	Ton	GAL	EA	Ton	Ton	Ton	Ton
Location 1 - Romeoville		\$58.75	\$56.50	\$53.25	\$52.75	\$95.00	\$85.00	\$54.50	No Bid	\$40.00	No Bid	\$7.75	\$7.75	No Bid

DuKane Asphalt Co.

Vendor Plant Site		HMA Surface Course, Mix D, N70	HMA Surface Course, Mix D, N50	HMA Binder Course, IL-19, N70	HMA Binder Course, IL-19, N50	Polymerized HMA Surface Course, Mix E, N70	Polymerized HMA Binder Course, IL-4.75, N50	Driveway / Private Mix	SS-1 Asphalt Emulsion (BULK)	SS-1 Asphalt Emulsion 5 Gallon / Pail	Cold Patch	Dumping of Asphalt Grindings	Dumping of Broken Asphalt	Dumping of Clean Concrete
	UOM	Ton	Ton	Ton	Ton	Ton	Ton	Ton	GAL	EA	Ton	Ton	Ton	Ton
Location 1 - Addison		\$56.00	\$56.00	\$53.00	\$53.00	\$76.00	\$74.00	\$56.00	No Bid	\$60.00	No Bid	\$9.00	\$8.00	\$8.00

NOTES

Bid Opening 2/24/21, @ 2:00 P.M.	NE, DW
Invitations Sent	10
Total Bidders Requesting Documents	0
Total Bid Responses Received	6

CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE AGENDA ITEM SUMMARY

ITEM TITLE:

Ordinance No. 21-O-0012– Authorizing the Disposal of Surplus Equipment, Stock Inventory, and/or Personal Property Owned By the City of West Chicago

AGENDA ITEM NUMBER: 5.F.**COMMITTEE AGENDA DATE:** May 6, 2021**COUNCIL AGENDA DATE:** May 17, 2021**STAFF REVIEW:** Robert E. Flatter, P.E., Public Works Director**SIGNATURE** **APPROVED BY CITY ADMINISTRATOR:** Michael L. Guttman**SIGNATURE** _____**ITEM SUMMARY:**

City staff has identified surplus equipment, stock inventory, and/or personal property that has no useful life and is no longer useful to the City, has little or no salvage value, and should be properly disposed of (please refer to Ordinance No. 21-O-0012 and Attachment A for additional information).

Therefore, staff is requesting that these items be declared surplus so that they may be traded in, disposed of through auction, disposed of through the City's contractual waste hauler, recycled, or sold to a local scrap dealer for scrap value; in a manner deemed appropriate by the City Administrator, with or without consideration.

ACTIONS PROPOSED:

Adopt Ordinance No. 21-O-0012 for the disposal or sale of surplus equipment, stock inventory, and/or personal property owned by the City of West Chicago.

COMMITTEE RECOMMENDATION:

ORDINANCE NO. 21-O-0012

**AN ORDINANCE AUTHORIZING THE DISPOSAL OR SALE OF SURPLUS EQUIPMENT,
STOCK INVENTORY, AND/OR PERSONAL PROPERTY OWNED
BY THE CITY OF WEST CHICAGO**

WHEREAS, in the opinion of the corporate authorities of the City of West Chicago, it is no longer necessary or useful to or for the best interests of the City of West Chicago, to retain ownership of the surplus equipment, stock inventory, and/or personal property hereinafter described; and,

WHEREAS, it has been determined by the City Council of the City of West Chicago to properly dispose of said surplus equipment, stock inventory, and/or personal property.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of West Chicago, Illinois, in regular session assembled as follows:

SECTION 1. Pursuant to 65 ILCS 5/11-76-4, the City Council of the City of West Chicago finds that the surplus equipment, stock inventory, and/or personal property listed on Attachment A are no longer necessary or useful to the City of West Chicago and the best interests of the City of West Chicago will be served by their disposal.

SECTION 2. Pursuant to said Statute, the City Administrator is hereby authorized and directed to dispose of the aforementioned surplus equipment, stock inventory, and/or personal property in any manner deemed appropriate, with or without consideration.

SECTION 3. All ordinances and resolutions, or parts thereof, in conflict with the provisions of this Ordinance are, to the extent of such conflict, hereby repealed.

SECTION 4. That this Ordinance shall be in full force and effect ten (10) days from and after its passage, approval, and publication in pamphlet form as provided by law.

PASSED this 17th day of May 2021.

Alderman J. Beifuss _____

Alderman L. Chassee _____

Alderman J. Sheahan _____

Alderman H. Brown _____

Alderman A. Hallett _____

VACANT _____

Alderman Birch-Ferguson _____

Alderman S. Dimas _____

Alderman C. Swiatek _____

Alderman M. Garling _____

Alderman R. Stout _____

Alderman J. Short _____

Alderman J. Morano _____

Alderman J. Jakabcsin _____

APPROVED as to form: _____
City Attorney

ADOPTED this 17th day of May 2021.

Mayor Ruben Pineda

ATTEST:

City Clerk, Nancy M. Smith

PUBLISHED: _____

ATTACHMENT "A"
LISTING OF SURPLUS ITEMS
ORDINANCE NO. 21-O-0012

[illegible]

CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE AGENDA ITEM SUMMARY

ITEM TITLE:

Resolution No. 21-R-0032 - Authorizing the City Clerk to Execute and Submit to the Illinois Department of Transportation Required Documents Related to the Establishment of a Class II Truck Route

AGENDA ITEM NUMBER: 5.9.

COMMITTEE AGENDA DATE: May 6, 2021

COUNCIL AGENDA DATE: May 17, 2021

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

SIGNATURE 

APPROVED BY CITY ADMINISTRATOR: Michael L. Guttman

SIGNATURE _____

ITEM SUMMARY:

In 2020 IDOT distributed Circular Letter 2020-01 entitled "Elimination of Class III Truck Routes" which identified changes to the classification of truck routes in Illinois as a result of Public Act 101-0328. Circular Letter 2020-01 requires local agencies to pass a Resolution and report all Class II Truck Routes to the Illinois Department of Transportation (IDOT) using BLR Form 03210. Local agencies must provide a map detailing the established Class II Truck Route, and are required to provide/report to IDOT any Ordinances or Resolutions prohibiting the operation of vehicles on its Non-Designated Highway system.

On February 15, 2021 City Council approved Ordinance No. 21-O-0005 amending Chapter 17-Traffic, Article XVII.-Schedules of Designated Streets, Division 8.-Truck Routes, Section 17-201.-Designated; Compliance Required, and Section 17-202.- Class II Truck Routes Designated, of the Code of Ordinances.

Staff seeks approval of Resolution 21-R-0032 authorizing the City Clerk to execute and submit to IDOT copies of BLR Form 03210, and other required documentation related to the established Class II Truck Route and that that prohibits the operation of vehicles on its Non-Designated Highway system.

ACTIONS PROPOSED:

Approve Resolution No. 21-R-0032 authorizing the City Clerk to execute and submit to the Illinois Department of Transportation BLR Form 03210, a Resolution Establishing a Class II or Prohibited Truck Route, with all required supporting documentation.

COMMITTEE RECOMMENDATION:

RESOLUTION NO. 21-R-0032

A RESOLUTION AUTHORIZING THE CITY CLERK TO EXECUTE AND SUBMIT,
TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION, THE ILLINOIS
DEPARTMENT OF TRANSPORTATION RESOLUTION FOR ESTABLISHING A
CLASS II OR PROHIBITED TRUCK ROUTE BY MUNICIPALITY UNDER THE
ILLINOIS HIGHWAY CODE (BLR 03210).

BE IT RESOLVED by the City Council of the City of West Chicago, in regular session assembled, that the City Clerk is hereby authorized to execute the Illinois Department of Transportation Resolution for Establishing a Class II or Prohibited Truck Route by Municipality Under the Illinois Highway Code (BLR 03210), and authorized to submit same, along with all required supporting documentation, to the Illinois Department of Transportation, a copy of which is attached hereto and incorporated herein as Exhibit "A".

APPROVED this 17th day of May 2021

AYES: _____

NAYES: _____

ABSTAIN: _____

ABSENT: _____

Mayor Ruben Pineda

ATTEST:

City Clerk Nancy M. Smith



Resolution Establishing a Class II or Prohibited Truck Route



14.018.0644

Resolution Number

21-R-0032

WHEREAS, the State of Illinois by its General Assembly has enacted the Illinois Vehicle Code, and

WHEREAS, 625 ILCS 5/1-126.1 provides that local authorities may designate Class II or Prohibited Truck Route highways within their jurisdiction, and its accordance with 625 ILCS 5/15-111(f), weight limitations shall be designated by appropriate signs placed on such highways; and

WHEREAS, City _____ of West Chicago _____ is desirous of designating
Local Public Agency Type Local Public Agency
truck routes under their jurisdiction as follows:

NOW THEREFORE, BE IT RESOLVED, that the portion of roadways as listed below will be designated as shown.

Route/Street Name(s)	Beginning Termini	Ending Termini	Length	Designation
- Aurthur Drive	Howard Drive	Powis Road	0.2 mi	Class II Truck Route
- Atlantic Drive	Hawthorne Lane	North Avenue	1.2 mi	Class II Truck Route
- Aurora Street	Washington Street	north 120 ft	120 ft	Class II Truck Route
- Blackhawk Drive	Powis Road	west to end	0.25mi	Class II Truck Route
- Carolina Drive	Hawthorne Lane	Winston Street	0.41mi	Class II Truck Route
- Charles Court	Helena Drive	Wegner Drive	0.34mi	Class II Truck Route
- Commerce Drive	Roosevelt Road	west to end	0.26mi	Class II Truck Route
- Conde Street	Neltnor Boulevard	west 1,100 ft	0.21mi	Class II Truck Route
- Discovery Drive	Technology Boulevard	Technology Boulevard	0.77mi	Class II Truck Route
- Downs Drive	Kress Road	Industrial Drive	0.48mi	Class II Truck Route
- Enterprise Circle	Technology Boulevard	Technology Boulevard	0.79mi	Class II Truck Route
- Fenton Lane	Helena Drive	Washington Street	0.35mi	Class II Truck Route
- Fremont Street	Washington Street	Grand Lake Boulevard	0.32mi	Class II Truck Route
- Grand Lake Boulevard	Fremont Street	west end	0.24mi	Class II Truck Route
- Harvester Road	Hawthorne Lane	Powis Road	0.76mi	Class II Truck Route
- Hawthorne Lane	Powis Road	Atlantic Drive	1.03mi	Class II Truck Route
- Helena Drive	Charles Court	Fenton Lane	0.30mi	Class II Truck Route
- Howard Drive	Blackhawk Drive	Aurthur Drive	0.40mi	Class II Truck Route
- Industrial Drive	Hawthorne Lane	Downs Drive	0.93mi	Class II Truck Route
- Innovation Drive	Technology Boulevard	Technology Boulevard	0.66mi	Class II Truck Route
- Kress Creek Drive	Roosevelt Road	Topsoil Drive	0.06mi	Class II Truck Route
- Main Street	Neltnor Boulevard	Washington Street	0.60mi	Class II Truck Route
- Northwest Avenue	Nuclear Drive	east end	0.14mi	Class II Truck Route
- Nuclear Drive	Harvester Road	north end	0.30mi	Class II Truck Route
- Powis Court	Powis Road	east end	0.26mi	Class II Truck Route
- Shingle Oak Drive	Atlantic Drive	east 650 ft	0.12mi	Class II Truck Route
- Technology Boulevard	Roosevelt Road	Enterprise Circle	1.01mi	Class II Truck Route
- Topsoil Drive	Kress Creek Drive	east and west end	0.11mi	Class II Truck Route
- Town Road	Washington Street	BN Railroad	0.26mi	Class II Truck Route
- Washington Street	Roosevelt Road	Aurora Street	1.47mi	Class II Truck Route
- Wegner Drive	Roosevelt Road	Charles Court	0.56mi	Class II Truck Route
- Western Drive	Industrial Drive	Kress Road	0.47mi	Class II Truck Route
- Winston Street	Carolina Drive	Atlantic Drive	0.15mi	Class II Truck Route
- All other local roads	Corporate limits	of West Chicago		Prohibited

Add Row

BE IT FURTHER RESOLVED, that City of West Chicago
Local Public Agency Type Local Public Agency
in accordance with 625 ILCS 5/15-116 which requires local public agencies to provide the Department of Transportation with reference contact names and telephone numbers provides contact information as follows:

Name	Title	Phone Number
Timothy R. Wilcox	Assistant Director of Public Works	(630) 293-2255

BE IT FURTHER RESOLVED, that the Clerk is hereby directed to transmit three (3) certified originals of this resolution to the district office of the Department of Transportation along with a location map indicating the roadways being classified.

I, Nancy M. Smith City Clerk in and for said City
Name of Clerk Local Public Agency Type Local Public Agency Type
of West Chicago in the State aforesaid, and keeper of the records and files thereof,
Local Public Agency

as provided by statute, do hereby certify the foregoing to be a true, perfect and complete original of a resolution adopted by
City of West Chicago at a meeting held on 05/17/2021
Local Public Agency Type Local Public Agency Date

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 17th day of May, 2021.
Day Month/Year

(SEAL)

Signature	Date

Instructions for BLR 03210

NOTE: Form instructions should not be included when the form is submitted.

This form shall be used when a Local Public Agency (LPA) designates a roadway as a Class II or Prohibited Truck Route. For more information see Chapter 3 of the Bureau of Local Roads and Streets Manual (BLRS Manual). For signature requirements, refer to Chapter 2, Section 3.05(b) of the BLRS Manual. For information concerning current designated truck routes: <http://www.gettingaroundillinois.com/gai.htm?mt=dr>

For forms completed electronically once a field is completed, fields requiring the same information will be automatically completed.

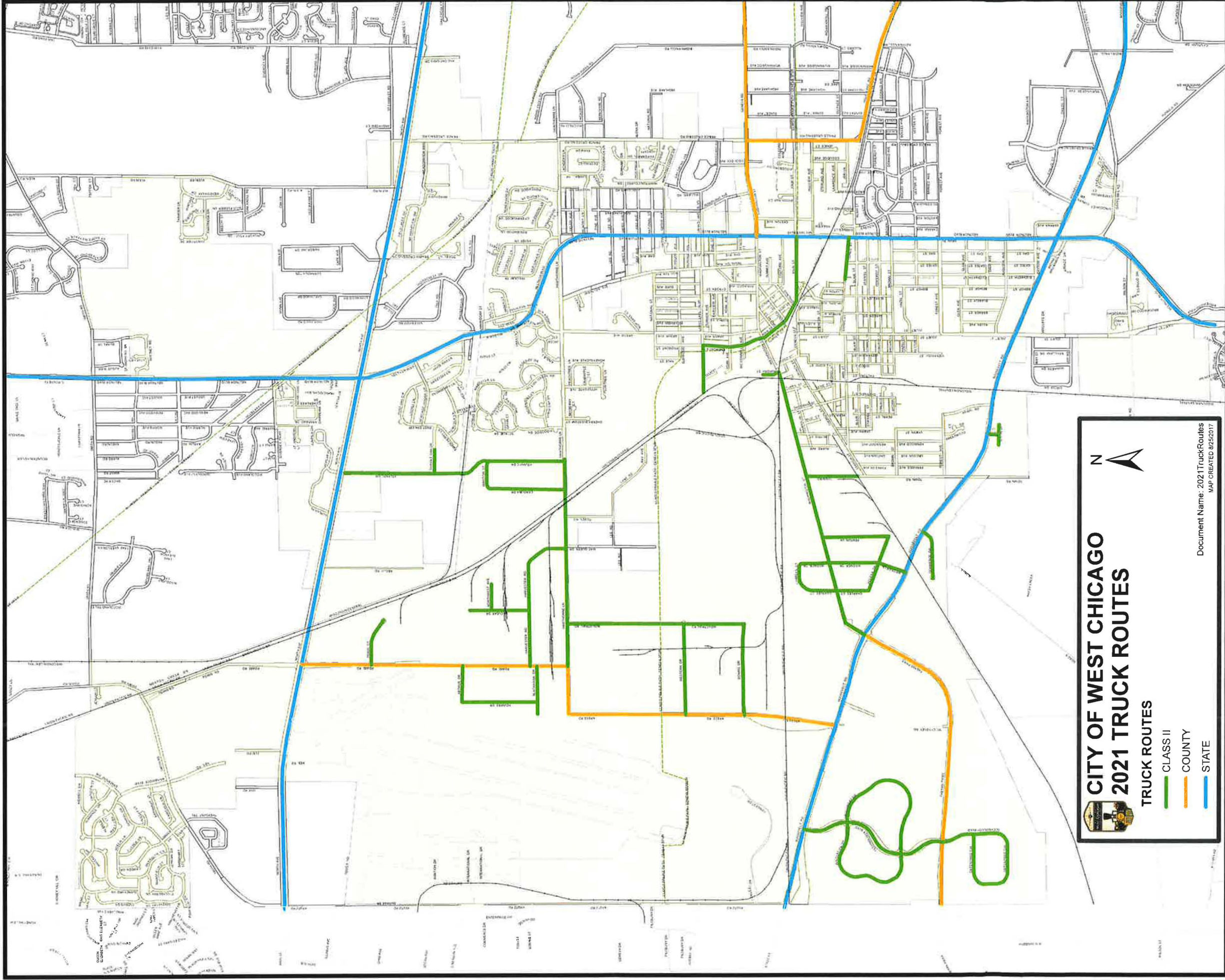
Resolution Number	The LPA can insert their resolution number assigned to this resolution if applicable.
Local Public Agency Type	Insert the type of LPA. Choose from: City, County, Town, or Village.
Local Public Agency	Insert the name of the LPA.
For each roadway insert the following:	
Route/Street Name(s)	Insert the name of the roadway/street begin designated as a Class II or Prohibited Truck Route
Beginning Termini	Insert the beginning termini of the roadway being designated.
Ending Termini	Insert the ending termini of the roadway being designated.
Class Type	Insert the type of designation, a Class II or Prohibited Truck Route.
Enter additional locations by clicking the "Add" button.	
Local Public Agency Type	Insert the type of LPA type: Choose from City, County, Town, or Village.
Local Public Agency	Insert the name of the LPA.
Name	Insert the name of the contact. As changes occur, this information shall be updated and the Department of Transportation notified via letter
Title	Insert the title of the contact listed to the left.
Phone Number	Insert the phone number for the contact listed to the left.
Name of Clerk	Insert the name of the LPA clerk.
Clerk Type	Insert the type of clerk based on the LPA type. Types to choose from are: County, City, Town, or Village.
Governing Body Type	Insert the type of administrative body. Choose Board for County, Council for a City or Town, choose President and Board of Trustees for a Village.
Name of LPA	Insert the name of the LPA.
Date	Insert the date of the meeting
Day	Insert the day the Clerk is signing the document.
Month/Year	Insert the month and year of the clerk's signature.
Seal	The Clerk shall seal the document here.
Clerk	Clerk shall sign here.

A minimum of three (3) certified signed originals must be submitted to the Regional Engineer's District Office. Following the Regional Engineer's approval, distribution will be as follows:

Local Public Agency Clerk
Engineer (Municipal, Consultant or County)
District

Upon processing of the form by the District, the District is also responsible to email a PDF of the form to the following:

DOT.ROADINFO@illinois.gov	Bureau of Operations
dot.localpolicy@illinois.gov	Bureau of Local Roads, Central Office
DOT.IHIS@illinois.gov	Roadway Inventory, Central Office





CITY OF WEST CHICAGO

2021 TRUCK ROUTES

TRUCK ROUTES

- CLASS II
- COUNTY
- STATE

Document Name: 2021 TruckRoutes

MAP CREATED 8/25/2017

CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE AGENDA ITEM SUMMARY

ITEM TITLE:

Resolution No. 21-R-0033 – Professional Services Agreement – Advanced Automation and Controls, Inc. for Services Related to the 2021 Water Distribution System Supervisory Control and Data Acquisition (SCADA) System Upgrade Project

AGENDA ITEM NUMBER: 5.H.**COMMITTEE AGENDA DATE:** May 6, 2021**COUNCIL AGENDA DATE:** May 17, 2021**STAFF REVIEW:** Rocky Horvath, Utility Superintendent**SIGNATURE** Rocky Horvath**APPROVED BY CITY ADMINISTRATOR:** Michael L. Guttman**SIGNATURE** _____**ITEM SUMMARY:**

In June 2004, prior the construction of the City's Water Treatment Plant, City Council approved a contract with Utility Automation Services, Inc. for installation of a Supervisory Control and Data Acquisition (SCADA) System at all City Well Stations and Booster Stations to communicate with the Water Treatment Plant via a spread spectrum radio communications system. In the water system, SCADA is a computer-controlled system that monitors and controls the operations of the well pumps and booster stations with the assistance of level transducers; operations are based on actual system demand. The SCADA system also provides the Water Treatment Plant Operators with real time system data such as water pressure and chemical residuals. SCADA systems are typically application specific.

In any computerized system, hardware and software upgrades are a required part of routine maintenance. After 17 years of operation, our current SCADA system is beginning to exhibit signs of failure. All of the existing equipment and components are no longer manufactured and are considered technologically obsolete. At this time, staff recommends a complete upgrade of the SCADA system for the City's water distribution system, including, but not limited to, installation of the following equipment:

1. New Allen Bradley PLCs: A PLC is a programmable logic controller. These are industrial computers used to control different electro-mechanical processes for use in manufacturing, plants, or other automation environments. This is the brain of the system.
2. New 10" Touch Screens: These screens enable programming and access to the PLC. They also provide real time data to operators in the field. Our current system does not have the capability for staff to access the system on site.
3. Two New Pressure Transmitters (Raw and Finished Water System at Each Site): These transmitters will monitor water system pressures at each site. Current equipment is not standardized and is obsolete.
4. Complete Integration of Well Controls: As we have updated wells and other distribution, system components the existing SCADA system has been limited in the information it can provide back to the Water Treatment Plant or be controlled at the Water Treatment Plant. This new system will bring back all alarm tags and associated data.

CITY OF WEST CHICAGO

5. Intrusion Alarms with Video Camera System with DVR (Wireless): This proposal will enhance existing security systems by installing wireless cameras and entry alarms at all sites. These will be monitored through the SCADA System.
6. Installation of Pressure Sensors at Fremont Tower: This proposal will replace the existing pressure monitoring system by installing wireless monitoring at the site. This will be monitored through the SCADA System.
7. Mapping of Controls: During the upgrade all controls and alarm set points will be verified and their functions checked. When completed schematics will be provided of the control wiring.

Currently the City uses Advanced Automation and Controls of McHenry, Illinois to maintain its sanitary collection and water distribution SCADA Systems. At staff's request, Advanced Automation and Controls furnished a proposal to upgrade the City's Water Distribution System SCADA System for an amount not to exceed \$82,650.00 (see proposal attached).

Staff recommends approval of a Professional Services Agreement with Advanced Automation and Controls, Inc., for an amount not to exceed \$90,000.00, for all proposed upgrades and any additional improvements found necessary during the upgrade process. Any other issues found during the upgrades will be addressed/repared on a time and materials basis.

Staff does anticipate that there will be some transitional issues to address during the project as this is a complete hardware and software system upgrade project, and only one well station will be allowed to taken off-line at a time. Each site will be completed individually to not cause impact to the overall system. It is estimated to take two weeks to complete each site. Advanced Automation and Controls, Inc. anticipates completion of this project by December 2021.

It is anticipated that the City will get 10-15 years of service life from the hardware component of the upgrade. The software will be regularly updated as updates become available; however, at the ten year mark the operating program will need to be evaluated and most likely replaced by a new operational version. These proposed upgrades will ensure the system remains operational for at least the next decade.

Advanced Automation and Controls is familiar with the City's current SCADA system and operational needs, they have successfully completed the 2019 Sanitary Collection System SCADA Upgrade Project, and other system installations associated with the City's 2019 Well #4 Pump Station Improvements Project and the 2018 Sanitary Lift Station #1 Replacement Project.

\$100,000.00 has been budgeted in the Water Fund (06-34-47-4806) for the 2021 Water Distribution System SCADA System Upgrade Project.

ACTIONS PROPOSED:

Approve Resolution No. 21-R-0033 authorizing the Mayor to execute a Professional Services Agreement with Advanced Automation and Controls, Inc., for an amount not to exceed \$90,000.00, for services related to the 2021 Water Distribution System SCADA System Upgrade Project.

RESOLUTION NO. 21-R-0033

**A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE A
PROFESSIONAL SERVICES AGREEMENT WITH ADVANCED
AUTOMATION & CONTROLS, INC. FOR SERVICES RELATED TO THE 2021
WATER DISTRIBUTION SYSTEM SUPERVISORY CONTROL AND DATA
ACQUISITION (SCADA) SYSTEM UPGRADE PROJECT**

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 Professional Services Agreement for services related to the 2021 Water Distribution System Supervisory Control and Data Acquisition (SCADA) System Upgrade Project, between the City of West Chicago and Advanced Automation & Controls, Inc., for an amount not to exceed \$90,000.00, in substantially the form attached hereto and incorporated herein as Exhibit "A".

APPROVED this 17th day of May 2021.

AYES: _____

NAYES: _____

ABSTAIN: _____

ABSENT: _____

Mayor Ruben Pineda

ATTEST:

City Clerk Nancy M. Smith

QUOTATION

Phone 815.578.0655
Fax 815.578.0677



Advanced Automation & Controls, Inc.

780 Ridgeview Drive
McHenry, IL 60050

Name	Mr. Rocky Horvath	JOB NUMBER:	N/A
Company	City of West Chicago	REFERENCE :	Well House Modicon to Allen Bradley Upgrades
Address	West Chicago, IL	LOCATION:	Wells Various Locations
Phone Number	(630)768-8875	PROPOSAL DATE:	April 23, 2021
Fax Number			

☒ AS SPECIFIED ☐ AS EQUAL ☐ F.O.B. FACTORY PRICES DO NOT INCLUDE SALES OR USES TAXES

☐ AS ALTERNATIVE ☐ TRSP. PREPAID TERMS: NET -30 DAYS PER ATTACHED TERMS AND CONDITIONS

ITEM	QUAN	DESCRIPTION	TOTAL PRICE
		Advanced Automation and Controls, Inc. is pleased to provide the following Quotation for upgrading the Modicon PLCs to Allen Bradley PLCs at the required well and tower sites. The locations of the PLC and control panel upgrades are as follows: ➤ Well #3 ➤ Well #5/#6 ➤ Well #7 ➤ Well #8/#9 ➤ Well #10/#11 ➤ Well #12 ➤ Booster #4 ➤ Freemont Tower Panel Breakdown of each location with material and services is listed below.	

		<u>Well 3</u> • Replace the existing Modicon PLC with an Allen Bradley MicroLogix 1400 PLC (The existing PLC has 16 AC Digital Inputs, 8 Relay Digital Outputs and 4 Analog Inputs; the proposed new PLC shall have 20 AC Digital Inputs, 12 Relay Digital Outputs, 4 Analog Inputs, and 2 Analog Outputs) • 10 “ Beijer Touchscreen (OIT) • Installation and wiring • Creating a new PLC and OIT programs with input from the Water Department • Developing new SCADA screens • PLC Wiring Drawings • 24VDC Power Supply • 5 port Ethernet Switch • Raw Line Transmitter • Finish Line Transmitter • Door Switches (Main door and overhead door) • Security Camera System (4 Cameras, 1 DVR, 1 TB) <u>Wells 5&6</u> • Replace the existing Modicon PLC with an Allen Bradley MicroLogix 1400 PLC (The existing PLC has 16 AC Digital Inputs, 8 AC Digital Outputs and 4 Analog Inputs; the proposed new PLC shall have 20 AC Digital Inputs, 12 Relay Digital Outputs, 4 Analog Inputs, and 2 Analog Outputs and an 8 Channel AC Digital Output Module) • 10 “ Beijer Touchscreen (OIT) • Installation and wiring • Creating a new PLC and OIT programs with input from the Water Department • Developing new SCADA screens • PLC Wiring Drawings • 24VDC Power Supply • 5 port Ethernet Switch • Raw Line Transmitter • Finish Line Transmitter • Door Switches (Main door and overhead door) • Security Camera System (4 Cameras, 1 DVR, 1 TB) <u>Well 7</u> • Replace the existing Modicon PLC with an Allen Bradley MicroLogix 1400 PLC (The existing PLC has 16 AC Digital Inputs, 8 Relay Digital Outputs and 4 Analog Inputs; the proposed new PLC shall have 20 AC Digital Inputs, 12 Relay Digital Outputs, 4 Analog Inputs, and 2 Analog Outputs) • 10 “ Beijer Touchscreen (OIT) • Installation and wiring • Creating a new PLC and OIT programs with input from the Water Department • Developing new SCADA screens • PLC Wiring Drawings • 24VDC Power Supply	Pricing Breakdown Well 3 \$10,900.00 Wells 5&6 \$11,080.00 Well 7 \$10,900.00
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[illegible]

		<u>Wells 12</u> • Installation and wiring • 10 “ Beijer Touchscreen (OIT) • Creating a new PLC and OIT programs with input from the Water Department • Developing new SCADA screens • PLC Wiring Drawings • 24VDC Power Supply • 5 port Ethernet Switch • Raw Line Transmitter • Finish Line Transmitter • Door Switches (Main door and overhead door) • Security Camera System (4 Cameras, 1 DVR, 1 TB) <u>Booster 4</u> • Installation and wiring • Modification of PLC and OIT programs to show door status indication • Door Switches (Main door and overhead door) • Security Camera System (4 Cameras, 1 DVR, 1 TB) <u>Freemont Water Tower</u> • Design, Fabricate and Install New INSULATED 36”x30”x12” NEMA4x Stainless Steel Enclosure with Swingout Door. Panel includes: • Allen Bradley MicroLogix 1400 PLC • 7 “ Beijer Touchscreen (OIT) • MDS TransNet 900 Radio • Ntron 5 port unmanaged ethernet switch • PULs 24vdc Power Supply, 5A • Hoffman 400w Panel Heater w/Thermostat • Transtector Lighting Surge Protection • Installation and wiring • PLC Programming / OIT Programming • SCADA screen development • Radio Setup and Programming • Panel Drawings • WIKA or Equal Tower Level Transmitter • Jude Vicor – Tower antenna and cable installation Total Cost for all Sites:	Well 12 \$6,900.00 Booster #4 \$2,650.00 Freemont Tower \$17,150.00 \$82,650.00
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		<u>Notes:</u> ➤ AAC Will install the Door Switches and Security cameras. Cabling for the switches will be cleanly tie-wrapped to existing structure such as conduit or strut. ➤ City staff will install the new pressure transmitters at wels and tower. AAC will provide technical support if required. ➤ City will assist in installation of NEW outdoor panel at Freemont Tower. AAC will work with City for installation	
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ACCEPTED THIS _____ DAY OF May, 2021

PRICE FIRM FOR 30 DAYS

SUBMITTED THIS:

BY: _____

Advanced Automation &
Controls, Inc. BY:

Thomas C Otto
Principal / COO