

CITY OF WEST CHICAGO

WHERE HISTORY & PROGRESS MEET

INFRASTRUCTURE COMMITTEE

**Thursday September 1, 2016
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 July 7, 2016
3. Public Participation / Presentations
4. Items for Consent
 - A. Resolution No. 16-R-0043 – Contract Award – Builders Paving for the 2016 Street Resurfacing Program (Cornerstone Lakes Subdivision)
 - B. Change Order #1 and Final – A. Eugene Rennels Bridge Concrete and Deck Overlay Project
 - C. Change Order #1 and Final – 2016 Forestry Maintenance Program
 - D. Purchase of one 2016 Vactor Plus 2110 Sewer Cleaning Truck – Standard Equipment Company of Chicago, Illinois
 - E. Purchase of one Thawrox Deicer from Compass Minerals America, Inc., Overland Park, Kansas
5. Items for Discussion
6. Unfinished Business
7. New Business
8. Reports from Staff
 - A. Emerald Ash Borer Insecticidal Treatment Program Update
9. Adjournment

CITY OF WEST CHICAGO

WHERE HISTORY & PROGRESS MEET

Draft

MINUTES

INFRASTRUCTURE COMMITTEE

July 7, 2016 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, Sandra Dimas, Al Hallett, Noreen Ligino-Kubiski, and John Smith present. Alderman Mark Edwalds was absent.

Staff present included City Administrator Michael Guttman, and Assistant Director of Public Works Tim Wilcox. Also in attendance was Gary Major the Executive Director at the Park District, Bill Inman and Bridgett Safferman of Hitchcock Design Group.

2. **Approval of Minutes**

A. **Infrastructure Committee Minutes of June 2, 2016.** Alderman Hallett made a motion, seconded by Alderman Dimas to approve the Meeting Minutes of June 2, 2016.

Voting Yea: Aldermen Smith, Dimas, Beifuss, Hallett and Ligino-Kubinski. Voting Nay: 0.

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

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

A. **Purchase of Rock Salt from Compass Minerals America, Inc., Overland Park, Kansas for 2016-2017 Winter Season.**

Voting Yea: Aldermen Dimas, Smith, Beifuss, Hallett, and Ligino-Kubinski. Voting Nay: 0.

5. **Items for Discussion.** Items for discussion also include Consent Items 4.B and 4.C.

4.B. **Resolution No. 16-R-0038 – Design and Construction Oversight Services – Hitchcock Design Group – Reed-Keppler Park Outdoor Music and Arts Venue.** Mr. Guttman provided a brief summary of the outdoor music and arts venue at Reed-Keppler Park, which was an idea of the late Mayor Kwasman around 2010. At that time there was some discussion and preliminary designs were reviewed, however, differences of opinions amongst the members of the Infrastructure Committee and the Mayor on the design caused the project to be shelved. Mr. Guttman indicated a couple years back he asked Mayor Pineda if he still wanted to do something with the outdoor music and arts venue. The Mayor indicated he did. Mr. Guttman talked with Gary

Major and the two agreed to work together to determine a location for the venue in the Park. The Hitchcock Design Group was hired to prepare a concept plan; the cost for the plan was shared between the City and the Park District and a copy of that report is included in the agenda packet for the July 7, 2016 Infrastructure Committee Meeting. He said other than some wetland mitigation issues that will need to be addressed everything looks to be going in the right direction and they should be able to move forward with the design portion of the project. Mr. Guttman described the proposed location for the venue as just west of the former mud volleyball courts. The original estimate for the venue was about \$200,000.00; that number was determined to be too low for what Mayor Kwasman and the City Council had envisioned so the approved budget figure was adjusted to \$400,000.00. Mr. Guttman noted that the estimate is now around \$500,000.00 but there is a lot of contingency built into that estimate and the figure will be refined once a better understanding of the wetland mitigation is known. The Infrastructure Committee and City Council will have the opportunity to make some decisions should that number remain above \$400,000.00. Alderman Dimas asked if parking for the venue would be impacted, requiring additional parking, due to the number of people allowed at an event. Mr. Guttman replied that parking is not impacted but that an ADA (Americans with Disabilities Act) path to the venue from the nearest parking lot would be required. Alderman Beifuss asked if the pavilion itself was required to be ADA accessible. Mr. Inman indicated that an ADA path would be provided directly to the stage. It is envisioned that there could be special needs people that might be part of the arts and music performance who would need an accessible path directly to the stage under the shelter. Alderman Beifuss then asked about the wetland area, if the area had been delineated and if the venue will be encroaching on it. Mr. Inman indicated that in the past, the area had been the mud volleyball courts but since that time the Park District invested in the restoration of that area. Regardless of its condition yesterday versus today, because of its characteristics, it is now considered wetland area. A delineation of the areas was performed by DuPage County (DPC) and the area has been deemed a critical wetland because of its positioning within the watershed so a 100 foot buffer is required around it. The proposed location of the venue is within that 100 foot buffer And DPC interprets buffer mitigation to replace the functionality of the impacted portion of the buffer, which is currently mowed turf. From talks with DPC Mr. Inman believes additional plantings to include a square foot for square foot expansion of the wetland would be sufficient mitigation and will be very minor. Mr. Guttman added that the wetland component is not part of this contract. It is within his spending authority and work is currently underway on a separate contract. Alderman Beifuss then asked if the contract will be a design build contract. Mr. Inman responded that it would be partially one. They will be working with a custom manufacturer to provide design and fabrication services to prefabricate the actual structural components off site. These would then be delivered to the site. There would be a public bid for the venue site work and assembly of the prefabricated structural components. There were no additional questions, however Alderman Ligino-Kubinski added that she has worked with the Hitchcock Design Group in the past and has seen its work in many other communities and Park Districts such as Orland Park and a recent band shell in Romeoville which she thought was beautiful. She believes this will be a great thing for the community, a place where families can come and listen to music or see a school play. The area is beautiful and she thinks it will be very cool and a lot of fun.

Alderman Ligino-Kubinski made a motion seconded by Alderman Smith to approve. Voting Yea: Aldermen Beifuss, Smith, Dimas, Hallett and Ligino-Kubinski. Voting Nay: 0.

4.C. Resolution No. 16-R-0039 – Contract Award – Cuevas Construction Co. – 2016 Wastewater Treatment Plant Roof Replacement Project. Alderman Beifuss noted the low bid received from Cuevas Construction Company was \$73,000 lower than the Engineers Estimate and the write up identified that Mr. Cuevas acknowledged that some errors were made on their part by not including the cost of required materials in the estimate, however he said they would still honor the bid price. Alderman Beifuss asked if Staff is comfortable with that. Mr. Wilcox replied that he had not discussed the subject in great detail with Mr. Flatter, but it was his understanding after reading Mr. Flatter's write up that staff has confidence that they would be able to fulfill the contract. Cuervas Construction Company had favorable references and completed similar work for other government agencies. Mr. Guttman added that there will be a performance bond as well which could be used, in the unlikely event, to fund the work to complete the job if the contractor could not. There were no additional questions.

Alderman Dimas made a motion seconded by Alderman Smith to approve: Voting Yea: Aldermen Beifuss, Smith, Dimas, Hallett and Ligino-Kubinski. Voting Nay: 0.

6. Unfinished Business. None.

7. New Business. None.

8. Reports from Staff. None.

9. Adjournment. At 7:13 P.M., Alderman Dimas made a motion to adjourn, seconded by Alderman Hallett. Motion was unanimously approved by voice vote.

Respectfully submitted,

Timothy R. Wilcox
Assistant Director of Public Works

CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE AGENDA ITEM SUMMARY

ITEM TITLE:

Resolution No. 16-R-0043 - Contract Award – Builders Paving for the 2016 Street Resurfacing Program (Cornerstone Lakes Subdivision)

AGENDA ITEM NUMBER: 4. A.

COMMITTEE AGENDA DATE: September 1, 2016
COUNCIL AGENDA DATE: September 5, 2016

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

SIGNATURE
APPROVED BY CITY ADMINISTRATOR: Michael L. Guttman

SIGNATURE
ITEM SUMMARY:

The 2016 Street Resurfacing Project (Cornerstone Lakes Subdivision), as prepared by the City's engineering consultant Thomas Engineering Group (TEG), consists of the resurfacing of Barnhart Street, Fairchild Lane, Sudbury Court, Overbeck Lane, Mansfield Court, and Lindsay Court, located within the Cornerstone Lakes Subdivision. The work associated with this project consists mainly of roadway resurfacing improvements, partially funded with motor fuel tax (MFT) funds. The net length of improvements within the subdivision is approximately 5,605 feet (1.06 miles). The project's significant improvements include pavement milling and hot-mix asphalt (HMA) resurfacing, full-depth HMA pavement patching, intermittent curb and gutter removal and replacement, intermittent concrete sidewalk and curb ramp removal and replacement, thermoplastic pavement markings, drainage and utility structure adjustment, and all incidental and collateral work necessary to complete the project as shown on the project plans and detailed in the project specifications.

The request for bids was advertised in the Daily Herald on August 2, 2016, and bids were opened on August 23, 2016. There were eight plan holders and the City received seven bids with Bidders Paving, LLC of Hillside, Illinois submitting the lowest responsible bid of \$377,300.00. The second lowest bid was submitted by Plote Construction, Inc. of Hoffman Estates, Illinois for \$398,778.69. The engineer's estimate of probable cost was \$487,656.50 (see attached bid tabulation sheets for additional clarification).

Staff attributes the fact that the lowest responsible bid is \$110,345.30 (22.6%) below the engineer's estimate of probable cost to two primary reasons:

1. The current market for oil, used in the manufacturing of HMA, remains low; thus the price of HMA remains low.
2. HMA type projects are hard to find this summer. There is a significant lack of HMA-type work from IDOT. Thus prices for HMA-type work are competitive among contractors.

The attached Lowest Bid Cost Analysis worksheet identifies that \$70,285.00 of the \$110,345.30 savings (63.7%) is directly related to HMA bid items. An additional \$11,091.75 savings is related to traffic control and protection and another \$14,352.75 savings is related to reflective crack control treatment bid items.

Although Builders Paving, LLC has not worked for the City of West Chicago previously, TEG did check references on Builders Paving, LLC and all agencies contacted provided positive comments and satisfactory references. Builders Paving has performed satisfactory work for similar roadway resurfacing projects for the City of Aurora, City of Geneva, and DeKalb County. Builders Paving is registered by the Illinois Department of Transportation as a prequalified contractor.

The cost of this project will be paid using Motor Fuel Tax (MFT) funds (01-09-26-4807) where \$247,000.00 has been budgeted, with the balance being paid from the Capital Projects Fund (08-34-53-4807) where \$1,522,000.00 has been budgeted for street improvements in 2016. The Illinois Department of Transportation has approved

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the use of Motor Fuel Tax funds and Builders Paving LLC for this project.

It is staff's recommendation that a contract be awarded to Builders Paving, LLC of Hillside, Illinois, for the 2016 Street Resurfacing Program (Cornerstone Lakes Subdivision), in an amount not to exceed \$377,300.00.

ACTIONS PROPOSED:

Approve Resolution No. 16-R-0043 authorizing the Mayor to execute a Contract with the lowest responsible bidder, Builders Paving, LLC of Hillside, Illinois, in an amount not to exceed \$377,300.00 for the 2016 Street Resurfacing Program (Cornerstone Lakes Subdivision).

COMMITTEE RECOMMENDATION:

RESOLUTION NO. 16-R-0043

**A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE
A CONTRACT AGREEMENT WITH BUILDERS PAVING, LLC
FOR SERVICES RELATED TO THE 2016 STREET RESURFACING
PROGRAM (CORNERSTONE LAKES SUBDIVISION)**

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 Services related to the 2016 Street Resurfacing Program (Cornerstone Lakes Subdivision), between the City of West Chicago and Builders Paving, LLC, for an amount not to exceed \$377,300.00, in substantially the form attached hereto and incorporated herein as Exhibit "A".

APPROVED this 5th day of September, 2016.

AYES: _____

NAYES: _____

ABSTAIN: _____

ABSENT: _____

Mayor Ruben Pineda

ATTEST:

City Clerk Nancy M. Smith

Lowest Bid Cost Analysis 2016 STREET RESURFACING PROGRAM (CORNERSTONE LAKES SUBDIVISION) Bid Opening: August 23, 2016 @ 2:00 P.M.				Engineer's Estimate		Builders Paving, LLC 4413 Roosevelt Road, Suite 108 Hillside, IL 60162		Difference Between Engr's Est. & Contractor's Bid	HMA Related Items
ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL	BID UNIT PRICE	BID TOTAL		
1	TREE ROOT PRUNING	EACH	10	\$100.00	\$1,000.00	\$75.00	\$750.00	-\$250.00	
2	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	10	\$30.00	\$300.00	\$95.00	\$950.00	\$650.00	
3	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	25	\$15.00	\$375.00	\$15.00	\$375.00	\$0.00	
4	SODDING, SALT TOLERANT	SQ YD	25	\$20.00	\$500.00	\$15.00	\$375.00	-\$125.00	
5	BITUMINOUS MATERIALS (TACK COAT)	POUND	14,300	\$0.15	\$2,145.00	\$0.01	\$143.00	-\$2,002.00	-\$2,002.00
6	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	11	\$300.00	\$3,300.00	\$150.00	\$1,650.00	-\$1,650.00	-\$1,650.00
7	LEVELING BINDER (MACHINE METHOD), N50	TON	895	\$85.00	\$76,075.00	\$63.00	\$56,385.00	-\$19,690.00	-\$19,690.00
8	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	123	\$5.00	\$615.00	\$18.00	\$2,214.00	\$1,599.00	
9	TEMPORARY RAMP	SQ YD	123	\$10.00	\$1,230.00	\$4.00	\$492.00	-\$738.00	-\$738.00
10	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1790	\$80.00	\$143,200.00	\$64.00	\$114,560.00	-\$28,640.00	-\$28,640.00
11	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	50	\$70.00	\$3,500.00	\$45.00	\$2,250.00	-\$1,250.00	-\$1,250.00
12	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	200	\$60.00	\$12,000.00	\$43.00	\$8,600.00	-\$3,400.00	-\$3,400.00
13	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	200	\$60.00	\$12,000.00	\$41.00	\$8,200.00	-\$3,800.00	-\$3,800.00
14	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	1,000	\$50.00	\$50,000.00	\$40.00	\$40,000.00	-\$10,000.00	-\$10,000.00
15	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	21305	\$1.50	\$31,957.50	\$1.05	\$22,370.25	-\$9,587.25	
16	STRIP REFLECTIVE CRACK CONTROL TREATMENT SYSTEM B, 24 INCH	FOOT	2,118	\$3.50	\$7,413.00	\$1.25	\$2,647.50	-\$4,765.50	
17	EXISTING FRAMES AND LIDS TO BE ADJUSTED	EACH	3	\$350.00	\$1,050.00	\$460.00	\$1,380.00	\$330.00	
18	CHANGEABLE MESSAGE SIGN, [FOURTEEN (14) DAY	EACH	5	\$1,500.00	\$7,500.00	\$650.00	\$3,250.00	-\$4,250.00	
19	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	440	\$2.50	\$1,100.00	\$3.25	\$1,430.00	\$330.00	
20	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	115	\$20.00	\$2,300.00	\$12.60	\$1,449.00	-\$851.00	
21	TACTILE/DETECTABLE WARNING SURFACE	SQ FT	176	\$30.00	\$5,280.00	\$46.00	\$8,096.00	\$2,816.00	
22	PORTLAND CEMENT CONCRETE SIDEWALK 5 TO 6 INCH, SPECIAL	SQ FT	2916	\$8.00	\$23,328.00	\$6.50	\$18,954.00	-\$4,374.00	
23	HOT-MIX ASPHALT SURFACE REMOVAL, 2" SPECIAL	SQ YD	21,184	\$2.50	\$52,960.00	\$2.25	\$47,664.00	-\$5,296.00	
24	SIDEWALK REMOVAL	SQ FT	3,143	\$2.00	\$6,286.00	\$1.40	\$4,400.20	-\$1,885.80	
25	CATCH BASINS TO BE ADJUSTED WITH NEW FRAME AND GRATE	EACH	1	\$1,200.00	\$1,200.00	\$900.00	\$900.00	-\$300.00	
26	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	\$15,000.00	\$15,000.00	\$3,908.25	\$3,908.25	-\$11,091.75	
27	AGGREGATE SUBGRADE 12"	SQ YD	30	\$25.00	\$750.00	\$5.00	\$150.00	-\$600.00	
28	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	59	\$50.00	\$2,950.00	\$65.00	\$3,835.00	\$885.00	\$885.00
29	HOT-MIX ASPHALT DRIVEWAY PAVEMENT REMOVAL	SQ YD	59	\$20.00	\$1,180.00	\$19.00	\$1,121.00	-\$59.00	
30	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	470	\$45.00	\$21,150.00	\$40.00	\$18,800.00	-\$2,350.00	
BID TOTAL					\$487,644.50		\$377,299.20	-\$110,345.30	-\$70,285.00
								22.6% % Below the EN Est.	63.7% % of HMA Items Below EN Est.

2016 STREET RESURFACING PROGRAM (CORNERSTONE LAKES SUBDIVISION) Bid Opening: August 23, 2016 @ 2:00 P.M.				Engineer's Estimate		Builders Paving, LLC 4413 Roosevelt Road, Suite 108 Hillside, IL 60162		Plote Co., Inc. 1100 Brandt Drive Hoffman Estates, IL 60192		Geneva Construction Co. P.O. Box 998 Aurora, IL 60507		Schroeder Asphalt Services, Inc. P.O. Box 831 Huntley, IL 60142		Johnson Paving 1025 E Addison Court Arlington Heights, IL 60005		Brothers Asphalt Paving, Inc. 315 S Stewart Avenue Addison, IL 60101		Larusso Cement Contractors, Inc. 1090 Carolina Dr. West Chicago, IL 60185	
ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	EN Est. Unit Price	BID TOTAL	BID UNIT PRICE	BID TOTAL	BID UNIT PRICE	BID TOTAL	BID UNIT PRICE	BID TOTAL	BID UNIT PRICE	BID TOTAL	BID UNIT PRICE	BID TOTAL	BID UNIT PRICE	BID TOTAL	BID UNIT PRICE	BID TOTAL
1	TREE ROOT PRUNING	EACH	10.0	\$100.00	\$1,000.00	\$75.00	\$750.00	\$50.00	\$500.00	\$150.00	\$1,500.00	\$100.00	\$1,000.00	\$125.00	\$1,250.00	\$101.65	\$1,016.50	\$370.00	\$3,700.00
2	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	10.0	\$30.00	\$300.00	\$95.00	\$950.00	\$100.00	\$1,000.00	\$60.00	\$600.00	\$30.00	\$300.00	\$60.00	\$600.00	\$150.00	\$1,500.00	\$75.00	\$750.00
3	TOPSOIL FURNISH AND PLACE 4"	SQ YD	25.0	\$15.00	\$375.00	\$15.00	\$375.00	\$50.00	\$1,250.00	\$15.00	\$375.00	\$20.00	\$500.00	\$22.00	\$550.00	\$42.80	\$1,070.00	\$50.00	\$1,250.00
4	SODDING SALT TOLERANT	SQ YD	25.0	\$20.00	\$500.00	\$15.00	\$375.00	\$50.00	\$1,250.00	\$15.00	\$375.00	\$40.00	\$1,000.00	\$28.00	\$700.00	\$42.80	\$1,070.00	\$50.00	\$1,250.00
5	BITUMINOUS MATERIALS (TACK COAT)	POUND	14,380.0	\$0.15	\$2,157.00	\$0.01	\$143.80	\$0.01	\$143.80	\$0.01	\$143.80	\$0.01	\$143.80	\$0.01	\$143.80	\$0.60	\$8,628.00	\$0.63	\$8,915.40
6	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	11.0	\$300.00	\$3,300.00	\$150.00	\$1,650.00	\$400.00	\$4,400.00	\$450.00	\$4,950.00	\$100.00	\$1,100.00	\$375.00	\$4,125.00	\$470.80	\$5,178.80	\$420.00	\$4,620.00
7	LEVELING BINDER (MACHINE METHOD), N50	TON	895.0	\$85.00	\$76,075.00	\$63.00	\$56,385.00	\$70.00	\$62,650.00	\$61.80	\$55,311.00	\$68.00	\$60,840.00	\$71.00	\$63,545.00	\$72.00	\$64,440.00	\$98.25	\$87,933.75
8	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	123.0	\$5.00	\$615.00	\$18.00	\$2,214.00	\$10.00	\$1,230.00	\$11.00	\$1,353.00	\$5.00	\$615.00	\$5.00	\$615.00	\$10.00	\$1,230.00	\$9.65	\$1,186.95
9	TEMPORARY RAMP	SQ YD	123.0	\$10.00	\$1,230.00	\$4.00	\$492.00	\$1.00	\$123.00	\$1.00	\$123.00	\$2.00	\$246.00	\$2.00	\$246.00	\$10.00	\$1,230.00	\$14.60	\$1,795.80
10	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1,790.0	\$80.00	\$143,200.00	\$64.00	\$114,560.00	\$62.00	\$110,980.00	\$59.90	\$107,221.00	\$68.00	\$121,720.00	\$68.00	\$121,720.00	\$70.00	\$125,300.00	\$85.00	\$152,150.00
11	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	50.0	\$70.00	\$3,500.00	\$45.00	\$2,250.00	\$35.00	\$1,750.00	\$70.00	\$3,500.00	\$55.00	\$2,750.00	\$20.00	\$1,000.00	\$60.00	\$3,000.00	\$84.00	\$4,200.00
12	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	200.0	\$60.00	\$12,000.00	\$43.00	\$8,600.00	\$24.00	\$4,800.00	\$65.00	\$13,000.00	\$52.00	\$10,400.00	\$20.00	\$4,000.00	\$60.00	\$12,000.00	\$84.00	\$16,800.00
13	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	200.0	\$60.00	\$12,000.00	\$41.00	\$8,200.00	\$23.00	\$4,600.00	\$60.00	\$12,000.00	\$50.00	\$10,000.00	\$20.00	\$4,000.00	\$60.00	\$12,000.00	\$84.00	\$16,800.00
14	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	1,000.0	\$50.00	\$50,000.00	\$40.00	\$40,000.00	\$22.00	\$22,000.00	\$53.00	\$53,000.00	\$47.00	\$47,000.00	\$20.00	\$20,000.00	\$56.00	\$56,000.00	\$84.00	\$84,000.00
15	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	21,305.0	\$1.50	\$31,957.50	\$1.05	\$22,370.25	\$1.05	\$22,370.25	\$1.05	\$22,370.25	\$1.15	\$24,500.75	\$1.05	\$22,370.25	\$1.12	\$23,861.60	\$2.50	\$53,262.50
16	STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM B, 24 INCH	FOOT	2,118.0	\$3.50	\$7,413.00	\$1.25	\$2,647.50	\$2.83	\$5,993.94	\$2.83	\$5,993.94	\$3.05	\$6,459.90	\$2.83	\$5,993.94	\$3.02	\$6,396.36	\$5.00	\$10,590.00
17	EXISTING FRAMES AND LIDS TO BE ADJUSTED	EACH	3.0	\$350.00	\$1,050.00	\$460.00	\$1,380.00	\$450.00	\$1,350.00	\$710.00	\$2,130.00	\$860.00	\$2,580.00	\$450.00	\$1,350.00	\$500.00	\$1,500.00	\$840.00	\$2,520.00
18	CHANGEABLE MESSAGE SIGN, (FOURTEEN (14) DAY	EACH	5.0	\$1,500.00	\$7,500.00	\$650.00	\$3,250.00	\$650.00	\$3,250.00	\$650.00	\$3,250.00	\$500.00	\$2,500.00	\$650.00	\$3,250.00	\$481.50	\$2,407.50	\$825.00	\$4,125.00
19	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	440.0	\$2.50	\$1,100.00	\$3.25	\$1,430.00	\$3.25	\$1,430.00	\$3.25	\$1,430.00	\$3.00	\$1,320.00	\$3.25	\$1,430.00	\$3.48	\$1,531.20	\$5.00	\$2,200.00
20	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	115.0	\$20.00	\$2,300.00	\$12.60	\$1,449.00	\$12.60	\$1,449.00	\$12.60	\$1,449.00	\$11.45	\$1,315.75	\$12.60	\$1,449.00	\$13.50	\$1,552.50	\$20.00	\$2,300.00
21	TACTILE/DETECTABLE WARNING SURFACE	SQ FT	178.0	\$30.00	\$5,340.00	\$46.00	\$8,188.00	\$44.00	\$7,852.00	\$23.00	\$4,094.00	\$39.00	\$6,966.00	\$44.00	\$7,852.00	\$37.45	\$6,656.10	\$36.00	\$6,408.00
22	PORTLAND CEMENT CONCRETE SIDEWALK 5 TO 6 INCH	SQ FT	2,918.0	\$8.00	\$23,344.00	\$6.50	\$18,967.00	\$6.00	\$17,508.00	\$8.00	\$23,344.00	\$7.50	\$21,885.00	\$6.00	\$17,508.00	\$6.14	\$17,904.24	\$7.25	\$21,141.00
23	HOT-MIX ASPHALT SURFACE REMOVAL, 2" SPECIAL	SQ YD	21,184.0	\$2.50	\$52,960.00	\$2.25	\$47,664.00	\$2.50	\$52,960.00	\$2.35	\$49,782.40	\$1.85	\$39,190.40	\$2.05	\$43,427.20	\$1.85	\$39,190.40	\$1.40	\$29,657.60
24	SIDEWALK REMOVAL	SQ FT	3,143.0	\$2.00	\$6,286.00	\$1.40	\$4,400.20	\$1.30	\$4,085.90	\$0.95	\$2,985.85	\$1.06	\$3,331.58	\$1.30	\$4,085.90	\$2.42	\$7,606.06	\$2.75	\$8,643.25
25	CATCH BASINS TO BE ADJUSTED WITH NEW FRAME AND GRATE	EACH	1.0	\$1,200.00	\$1,200.00	\$900.00	\$900.00	\$875.00	\$875.00	\$1,100.00	\$1,100.00	\$1,700.00	\$1,700.00	\$875.00	\$875.00	\$1,000.00	\$1,000.00	\$1,080.00	\$1,080.00
26	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1.0	\$15,000.00	\$15,000.00	\$3,908.25	\$3,908.25	\$40,200.00	\$40,200.00	\$10,000.00	\$10,000.00	\$14,300.00	\$14,300.00	\$68,375.41	\$68,375.41	\$15,000.00	\$15,000.00	\$6,050.00	\$6,050.00
27	AGGREGATE SUBGRADE 12"	SQ YD	30.0	\$25.00	\$750.00	\$5.00	\$150.00	\$30.00	\$900.00	\$20.00	\$600.00	\$15.00	\$450.00	\$68.00	\$2,040.00	\$32.00	\$960.00	\$26.50	\$795.00
28	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	59.0	\$50.00	\$2,950.00	\$65.00	\$3,835.00	\$40.00	\$2,360.00	\$34.49	\$2,034.91	\$18.00	\$1,062.00	\$51.00	\$3,009.00	\$58.00	\$3,422.00	\$52.00	\$3,068.00
29	HOT-MIX ASPHALT DRIVEWAY PAVEMENT REMOVAL	SQ YD	59.0	\$20.00	\$1,180.00	\$19.00	\$1,121.00	\$15.00	\$885.00	\$13.00	\$767.00	\$20.00	\$1,180.00	\$1.00	\$59.00	\$10.00	\$590.00	\$19.00	\$1,121.00
30	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	470.0	\$45.00	\$21,150.00	\$40.00	\$18,800.00	\$36.00	\$16,920.00	\$30.00	\$14,100.00	\$44.20	\$20,774.00	\$34.00	\$15,980.00	\$39.59	\$18,607.30	\$40.00	\$18,800.00
BID TOTAL				As Corrected As Read	\$487,656.50		\$377,300.00		\$398,778.69		\$400,174.15		\$407,895.18		\$416,634.00		\$441,783.66		\$557,147.05
							\$377,300.00		\$398,778.69		\$400,174.15		\$407,895.18		\$416,634.00		\$441,783.66		\$557,147.05

CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE AGENDA ITEM SUMMARY

ITEM TITLE:

A. Eugene Rennels Bridge Concrete and Deck Overlay Project -
Change Order No. 1 and Final

AGENDA ITEM NUMBER: 4.B.**COMMITTEE AGENDA DATE:** September 1, 2016**COUNCIL AGENDA DATE:** September 5, 2016**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 16, 2016, the City Council approved Resolution No. 16-R-0026 authorizing the Mayor to execute a Contract Agreement with Areatha Construction Co., Inc. (Areatha) for professional services related to the A. Eugene Rennels Bridge Concrete and Deck Overlay Project, for an amount not to exceed \$426,785.37. The scope of the project included bridge deck joint replacements, bridge deck scarification and overlay, milling and resurfacing asphalt bridge approaches, removing and replacing sidewalks, curbs, and inlets, repairing slopewalls, expansion of the Police Station generator pad enclosure, and other related work. The Capital Projects Fund has \$1,300,000.00 budgeted for all work related to the rehabilitation of the A. Eugene Rennels Bridge.

During construction, while excavating around the Police Station generator pad, the excavated soil material was rejected from a Clean Construction or Demolition Debris (CCDD) disposal facility due to its high PH chemical compound. To address the unforeseen soil chemistry, the excavated material had to be classified as "non-special waste" and taken to an EPA approved landfill. The increase disposal cost resulted in an overall project increase of \$24,917.03; bringing the total A. Eugene Rennels Bridge Concrete and Deck Overlay Project Contract amount to \$451,702.40. There are adequate funds available in the Capital Projects Fund to cover this budget overage.

ACTIONS PROPOSED:

Approve Change Order #1 and final to the Contract with Areatha Construction Co., Inc., for the A. Eugene Rennels Bridge Concrete and Deck Overlay Project, for a total addition to the contract in the amount of \$24,917.03.

COMMITTEE RECOMMENDATION:

CITY OF WEST CHICAGO
PUBLIC WORKS
REQUEST FOR
AUTHORIZATION FOR CHANGE ORDERS

TO: Michael Guttman
City Administrator

Authorization No. 1

Project: A. Eugene Rennels Bridge Concrete and Deck Overlay

Date: 8/29/2016

Contractor: Areatha Construcion Co., 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
20	Non-Special Waste Disposal	49.83	Cu. Yd.	\$500.00	\$24,917.03

Totals \$24,917.03

Amount of Original Contract: \$426,785.37
Previous Change Orders:
Net Change to Date: \$24,917.03
% of Original Contract Price: 5.84%

State fully the nature and reason for the change:

Additional unforeseen "non-special waste" disposal costs incurred during construction.

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: September 5, 2016
Approved:

Date: September 5, 2016
Attest:

Mayor Ruben Pineda

City Clerk Nancy M. Smith

CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE AGENDA ITEM SUMMARY

ITEM TITLE:

2016 Forestry Maintenance Program - Change Order No. 1 and Final

AGENDA ITEM NUMBER: 4.C.

COMMITTEE AGENDA DATE: September 1, 2016

COUNCIL AGENDA DATE: September 5, 2016

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

SIGNATURE 

APPROVED BY CITY ADMINISTRATOR: Michael L. Guttman

SIGNATURE _____

ITEM SUMMARY:

On Monday, November 16 2015, the City Council approved Resolution No. 15-R-0058 authorizing the Mayor to execute a Contract Agreement with Steve Piper and Sons, Inc. (Piper) for professional services related to the 2016 Forestry Maintenance Program, for an amount not to exceed \$77,134.40. The scope of the project included tree removals and tree pruning/trimming. The Capital Projects Fund has \$80,000.00 budgeted for the 2016 Forestry Maintenance Program.

During the program, while performing pruning operations, it was determined that six trees were hazardous and warranted immediate removal. To address the unforeseen safety concerns, these six trees were removed from the pruning list, added to the contractual removal list, and removed by Piper. In addition, 11 other trees found to be dead or dying were removed from the pruning list and removed by City crews prior to the start of the 2016 Forestry Maintenance Program.

The additional removals, with consideration given to the deductions from the pruning list, resulted in an overall project increase of \$3,173.39; bringing the total 2016 Forestry Maintenance Contract amount to \$80,307.79. There are adequate funds available in the Capital Projects Fund to cover this budget overage.

ACTIONS PROPOSED:

Approve Change Order #1 and final to the Contract with Steve Piper and Sons, Inc., for the 2016 Forestry Maintenance Program, for a total addition to the contract in the amount of \$3,173.39.

COMMITTEE RECOMMENDATION:

CITY OF WEST CHICAGO
PUBLIC WORKS
REQUEST FOR
AUTHORIZATION FOR CHANGE ORDERS

TO: Michael Guttman
City Administrator

Authorization No. 1

Project: 2016 Forestry Maintenance Program

Date: 8/26/2016

Contractor: Steve Piper and Sons, 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	Removals (over 15")	136.7	in. dia	\$27.70	\$3,786.59
	Pruning (1 - 10 in./dia.)	-3	Ea.	\$16.80	-\$50.40
	Pruning (over 10 in./dia)	-14	Ea.	\$40.20	-\$62.8

Totals \$3,173.39

Amount of Original Contract: \$77,134.40
Previous Change Orders:
Net Change to Date: \$3,173.39
% of Original Contract Price: 4.11%

State fully the nature and reason for the change:

To address safety concerns, 6 additional trees found to be hazardous during pruning operations were added to the contractual removal list. These were removed from the pruning list along with 11 other trees found to be dead or dying that were taken down by City crews prior to the start of the 2016 Forestry Maintenance Program.

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: September 5, 2016
Approved:

Date: September 5, 2016
Attest:

Mayor Ruben Pineda

City Clerk Nancy M. Smith

CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE AGENDA ITEM SUMMARY

ITEM TITLE:

Purchase a 2016 Vactor Plus 2110 Sewer Cleaning Truck
– Standard Equipment Company of Chicago, Illinois

AGENDA ITEM NUMBER: 4.D.**COMMITTEE AGENDA DATE:** September 1, 2016**COUNCIL AGENDA DATE:** September 5, 2016**STAFF REVIEW:** Robert E. Flatter, P.E., Director of Public Works**SIGNATURE** **APPROVED BY CITY ADMINISTRATOR:** Michael L. Guttman**SIGNATURE** _____**ITEM SUMMARY:**

Three extremely important pieces of the equipment in the Public Works fleet are the 2001 Sewer Flusher truck, the 2014 Vactor Plus 2112 truck, and the 1993 Vactor Plus 2110 truck (which is no longer operational and the cost of repairs exceeds \$45,000.00). The City's Vactor truck(s) is a combination high power centrifugal vacuum, hydro-excavator, and flusher primarily used to vacuum, clean and remove debris from sanitary and storm sewer lines, manholes, sanitary lift stations and wet wells, and also used in hydro-excavations, such as repairs of water service line buffalo boxes. The Sewer Flusher truck is also used to clean and flush debris from sanitary and storm sewer systems; however, unlike the Vactor truck(s), the Sewer Flusher truck is limited to flushing operations only and does not have vacuum or hydro-excavation capabilities. Use of both the Sewer Flusher truck and the Vactor trucks increases each year as the City expands, as the age of the City's infrastructure increases, and as the need to clean and repair sewers in more areas increases. If a sanitary sewer main, or storm sewer main, were to become obstructed, flushing and vacuum operations are the means used necessary to remove said obstructions and restore normal flow.

For FY 2016, the Public Works Department has planned and budgeted \$206,000.00 for the replacement of one 2001 International 4900 Sewer Flusher truck. However, given its limited operations (high pressure flushing abilities only), and considering the fact that the City's second (back-up) Vactor is not operational, staff finds it more important to replace the Sewer Flusher truck with a multi-purpose Vactor truck. It is staff's determination that quality second Vactor truck would be utilized more (almost daily) than a Sewer Flusher truck. A second Vactor truck will allow the City's Street Division staff to clean and maintain the City's storm sewer system while the City's Utility Division staff cleans and maintains the City's sanitary sewer system. As stated previously, Vactor trucks have vacuum capabilities which are necessary to remove debris from the sanitary and storm sewer systems. While flushing a system will maintain flow, vacuuming or removing the debris flushed will further prevent downstream obstructions and help to eliminate the grit and debris from entering the Wastewater Treatment Plant (for sanitary sewer systems) and entering local rivers and streams (for storm sewer systems).

The Suburban Purchasing Cooperative (SPC) Joint Purchasing Program is sponsored by the Northwest Municipal Conference, DuPage Mayors and Managers Conference (West Chicago is a member), South Suburban Mayors and Managers Association, and Will County Governmental League; together representing over 150 municipalities, townships and other governmental agencies. Sewer cleaning trucks are one item for which SPC has procured joint purchase pricing through a competitive bid process. SPC hosts contracts and pricing for two sewer cleaning truck vendors: EJ Equipment of Manteno, Illinois is the local authorized vendor and service center for "Vac-Con" brand sewer cleaning trucks, and Standard Equipment Company of Chicago, Illinois is the local authorized vendor and service center for "Vactor" brand sewer cleaning trucks. Standard Equipment and the "Vactor" brand sewer cleaning trucks is the preferred vendor with SPC. Being familiar with its operation and its dependability, "Vactor" brand sewer cleaning trucks are also preferred by City staff.

The City of West Chicago recently solicited a price quote from Standard Equipment for a 2016 Vactor 2110 Plus

CITY OF WEST CHICAGO

mounted on a Peterbilt Freightliner Model 348 single axle chassis (same chassis as the City's newest snow plow trucks). Standard Equipment has indicated that production and delivery of a "Vactor" takes nearly 4 months. With the addition of equipment as requested to meet City's needs, Standard Equipment has quoted \$386,824.00 for a Stock Vactor 2110 Plus mounted on a Peterbilt Model 348 single axle chassis through the SPC Joint Purchasing Program. Said price includes a \$10,000.00 trade-in credit for the 1993 Vactor Plus 2110 unit.

The "Vactor" will be purchased from the Capital Equipment Replacement Fund (04-34-480410) in which adequate funds are available to cover this expenditure.

ACTIONS PROPOSED:

That the West Chicago City Council authorize the purchase of one 2016 Vactor Plus 2110 mounted on a Peterbilt Model 348 Single Axle Chassis with equipment specified by the City from Standard Equipment Company of Chicago, Illinois, for a cost not to exceed \$386,824.00.

COMMITTEE RECOMMENDATION:



CITY OF WEST CHICAGO

Attn: Mr. Robert Flatter, Director of Public Works
475 Main Street
West Chicago, IL 60185

Dear Mr. Flatter,

Standard Equipment is pleased to provide the following SEWER TRUCK price proposal for your review and consideration. We propose to furnish a new 2016 VACTOR PLUS 2110 MOUNTED ON A PETERBILT SINGLE AXEL CHASSIS. Unit shall be built with the options represented in the following pages.

Vactor Plus 2110 NWMC Price	\$279,246
Additional Vactor Options	\$ 18,281
Peterbilt Model 348	\$ 99,297
Total NWMC Price	\$396,824
Less Vactor Trade Value	\$ 10,000

This unit is currently available as part of the Northwest Municipal Conference Joint Purchasing Program, SPC contract #128. All pricing reflects the contract amount and is valid for 30 days from today's date.

Total 2016 Vactor Plus price, delivered to West Chicago:
\$386,824

- Payment terms (due in full at time of delivery)
- Delivery approximately 60-90 days after receipt of chassis

If you have any questions, or require additional information, please do not hesitate to call upon us. Standard Equipment looks forward to serving your equipment needs.

Sincerely,

Bob Donlon

Bob Donlon, Area Sales Manger
bdonlon@standardequipment.com

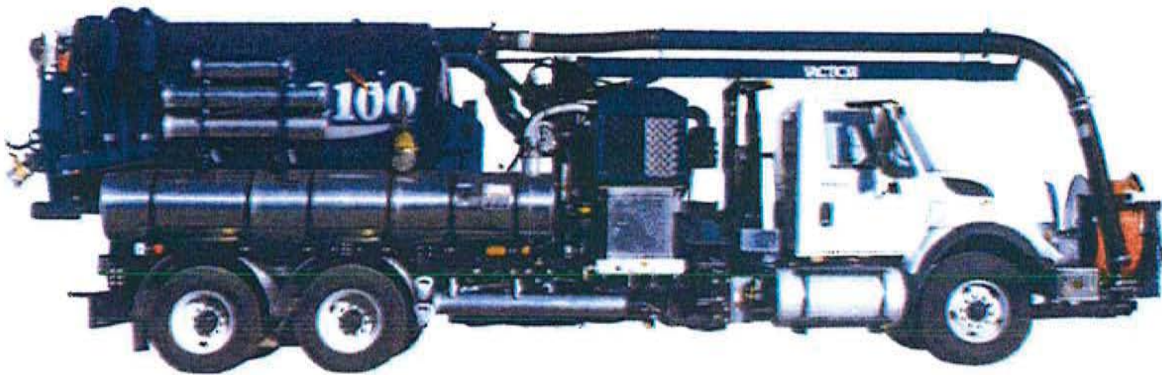
Approved Purchase Signed By: _____ Date: _____

Print: _____



Presents a Proposal Summary

of the



2100 Plus

Combination Single Engine Dual Stage Sewer Cleaner with Hydrostatic Driven Vacuum System Mounted on a Heavy Duty Truck Chassis

For

THE CITY OF WEST CHICAGO
475 Main Street
West Chicago, IL 60185

Bob Donlon
Tel: (847) 804-6017

PRODUCT DESCRIPTION

- 2100 PLUS with Single Engine Dual Stage Fan, 10 Yard Debris Body, 1000 Gallons of Fresh Water

STANDARD FEATURES

- 24" x 26" x 69" Curb Side Aluminum Toolbox in Lieu of Under Engine
- Aluminum Fenders
- Mud Flaps
- Electric/Hydraulic Four Way Boom
- Color Coded Sealed Electrical System
- Remote Pendant Control w/35' Cord
- Vansco-Electronic Package
- Double Acting Dump Hoist Cylinder
- Wash Down Handgun Assy. w/1/2" x 50' Hose w/Quick Disconnects
- Ex-Ten Steel Cylindrical Debris Tank
- Flexible Hose Guide
- 30 Deg. Sand Nozzle w/Carbide Inserts
- 30 Deg. Sanitary Nozzle w/Carbide Inserts
- 15 Deg. Penetrator Nozzle w/Carbide Inserts
- Nozzle Storage Rack
- Vacuum Tube Storage: Curbside (2) Pipe, Rear Door (2) Pipe
- 1" Nozzle
- 1" X 10' Leader Hose
- Flat Rear Door w/Hydraulic Locks and Door Power-up/Down, Open/Close Feature
- Dual 10" Stainless Steel Float Shut Off System/Rear Mounted
- Debris Body Vacuum Relief System
- Debris Deflector Plate
- 48" Dump Height
- Water Sight Gauge PS
- Liquid Float Level Indicator
- Boom Transport Post Storage
- 3" Y-Strainer @ Water Pump w/3" Drain Valve
- Performance Package: (Hyd Variable Flow, Dual PTO's. Dual Hyd. Pumps)
- 1" Water Relief Valve for Vactor Water Pump
- Midship Handgun Coupling
- Side Mounted Water Pump
- Hose Wind Guide (Dual Roller)
- Hose Footage Counter - Mechanical
- Hose Reel Manual Hyd. Extend/Retract
- Hose Reel Chain Cover (Full)
- Tachometer/Chassis Engine W/Hourmeter
- Circuit Breakers
- LED Lights. Clearance, Back-Up, Stop, Tail & Turn
- Tow Hooks, Front and Rear
- Electronic Back-Up Alarm
- Hydraulic Tank Shutoff Valves
- 8" Vacuum Pipe Package
- Emergency Flare Kit
- Fire Extinguisher 5 Lbs.
- Water Pump Hour Meter
- PTO Hour Meter
- Vactor 2100 Plus Body Decal - Multi-Colored
- Chassis Modifications
- Vactor Manual, Partial Manual and USB Version - 1 + Dealer

ADDITIONAL FEATURES

- 3" Y-Strainer w/25' Fill Hose @ Water Tank
- 180 Degree Rotation, 10 Ft. Hydraulic Telescoping Boom, Front Loading 8" Suction Hose
- Telescopic Boom Elbow, Hard Hat Style
- 80 GPM Variable Flow Water System
- 2500 PSI Water Pressure
- 1" x 800' Piranha Sewer Hose, 2500 PSI
- Hydraulic Extending/Rotating 15" Hose Reel (1" x 800') Capacity
- Module Paint, Dupont Imron Elite - Sanded Primer Base
- Debris Body Flush Out System
- Debris Body Load Limit Alarm functionally tied to Vacuum Relief
- 6" Butterfly Valve, Rear Door, 3:00 Position
- 6" Decant System w/Knive Valve, Curbside
- Centrifugal Separators
- Folding Pipe Rack, Curbside
- Folding Pipe Rack, Streetside
- Folding Pipe Rack, Rear Door
- Rear Door Splash Shield
- Lube Manifold
- Plastic Lube Chart
- Low Water Light w/Alarm and Water Pump Flow Indicator
- Continuous Water Tank Fill
- Front Joystick Boom Control
- Water Ring Assembly, At Hose End
- Wireless Controls, including hose reel controls (Bellypack)
- Rotatable Boom Inlet Hose, Telescoping Boom
- Cold Weather Recirculator, PTO Driven, 25 GPM
- Jet Rodder Water System Accumulator
- Hydro Excavation Kit/Retract Reel w/ 1/2" X 50' Hose and Nozzle
- Indexing Automatic Hose Level Wind Guide with Pinch Rollers
- Fan Flushout System
- Digital Hose Footage Counter
- Handgun Hose Reel w/Spring Retract
- Rodder Pump Drain Valves
- Hydraulic Oil Temp Alarm
- Rear Directional Control, Signal Master LED Arrow Stick, 8 Lights
- Hand Light w/Bumper Plug
- DOT 3 Lighting Package, 5 Federal Signal Strobe Lights, LED
- 2 Additional Yellow LED Strobe Mid-Ship
- 4 White LED Strobe Mid-Ship
- 2 White Round LED Flashers Next to Lower Turn Signals
- Worklights (2), LED, Telescoping Boom
- Worklight, LED, Operators Station
- Worklight, LED, Hose Reel Manhole
- Splash Shield Side LED lights Yellow, White, Yellow
- Toolbox, Front Bumper Mounted, 16 x 12 x 18 w/(2) LED Side Markers
- Toolbox, Behind Cab
- Toolbox, Driver Side Subframe, 48w x 20h x 12d
- (4) Long Handle Tool Storage Locations Behind Cab
- Camera System, Front(with housing) and Rear(bumper mounted)
- (1) 8" x 3' Aluminum Vacuum Tube
- (2) 8" x 7'-6" Aluminum Vacuum Tube
- (1) 8" x 3'-0" Higbee C/B Nozzle Assembly
- (3) 8" Quick Clamp Assembly
- 1" x 25' Leader Hose Assembly

Peterbilt Model 348
Peterbilt Manuals
Module Paint Color - Blue
Module Paint Color Code - N4636H
Cab Color - White
Door Stripe Color - None
Chassis Axle - Single
Certified Unit Weight Required - No

Training included:

- ✓ One Day Onsite Operator/Maintenance Training
- ✓ Factory Mechanic Training

LESS 1992 VACTOR 2110 SINGLE FAN TRADE PRICE \$10,000

TOTAL 2016 VACTOR PLUS PRICE **\$386,824**

Please remember Price indicated includes unapproved Special Requests

Price valid for 30 Days from date of 8/3/2016

Product Model: 2100PLUS

Proposal Date: 8/3/2016

P.O. Number:

Payment Terms: COD

Proposal Notes:

APPROVED PURCHASE SIGNED BY:

_____ Date: _____

SALES REPRESENTATIVE:

_____ Date: _____

LIMITED WARRANTY

Limited Warranty. Each machine manufactured by VACTOR/GUZZLER MANUFACTURING (or, "the Company") is warranted against defects in material and workmanship for a period of 12 months, provided the machine is used in a normal and reasonable manner and in accordance with all operating instructions. In addition, certain machines and components of certain machines have extended warranties as set forth below. If sold to an end user, the applicable warranty period commences from the date of delivery to the end user. If used for rental purposes, the applicable warranty period commences from the date the machine is first made available for rental by the Company or its representative. This limited warranty may be enforced by any subsequent transferee during the warranty period. This limited warranty is the sole and exclusive warranty given by the Company.

STANDARD EXTENDED WARRANTIES (Total Warranty Duration)

2100 Series, HXX, Series and Jetters

10 years against water tank leakage due to corrosion. Nonmetallic water tanks are covered for 5 yrs. against any factory defect in material or workmanship.

2100 Series and HXX only

5 years against leakage of debris tank, centrifugal compressor or housing due to rust-through.

2100 Series and Jetters

2 years - Vactor Rodder Pump on all unit serial numbers starting with 13##V####.

Exclusive Remedy. Should any warranted product fail during the warranty period, the Company will cause to be repaired or replaced, as the Company may elect, any part or parts of such machine that the Company's examination discloses to be defective in material or factory workmanship. Repairs or replacements are to be made at the selling Vactor/Guzzler distributor's location or at other locations approved by the Company. In lieu of repair or replacement, the Company may elect, at its sole discretion, to refund the purchase price of any product deemed defective. The foregoing remedies shall be the sole and exclusive remedies of any party making a valid warranty claim.

This Limited Warranty shall not apply to (and the Company shall not be responsible for):

1. Major components or trade accessories that have a separate warranty from their original manufacturer, such as, but not limited to, trucks, engines, hydraulic pumps and motors, tires and batteries.
2. Normal adjustments and maintenance services.
3. Normal wear parts such as, but not limited to, oils, fluids, vacuum hose, light bulbs, fuses, gaskets.
4. Failures resulting from the machine being operated in a manner or for a purpose not recommended by the Company.
5. Repairs, modifications or alterations without the express written consent of the Company, which in the Company's sole judgment, have adversely affected the machine's stability, operation or reliability as originally designed and manufactured.
6. Items subject to misuse, negligence, accident or improper maintenance.

NOTE The use in the product of any part other than parts approved by the Company may invalidate this warranty. The Company reserves the right to determine, in its sole discretion, if the use of non-approved parts operates to invalidate the warranty. Nothing contained in this warranty shall make the Company liable for loss, injury, or damage of any kind to any person or entity resulting from any defect or failure in the machine.

THIS WARRANTY SHALL BE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ALL OF WHICH ARE DISCLAIMED.

This warranty is in lieu of all other obligations or liabilities, contractual and otherwise, on the part of the Company. For the avoidance of doubt, the Company shall not be liable for any indirect, special, incidental or consequential damages, including, but not limited to, loss of use or lost profits. The Company makes no representation that the machine has the capacity to perform any functions other than as contained in the Company's written literature, catalogs or specifications accompanying delivery of the machine. No person or affiliated company representative is authorized to alter the terms of this warranty, to give any other warranties or to assume any other liability on behalf of the Company in connection with the sale, servicing or repair of any machine manufactured by the Company. Any legal action based hereon must be commenced within eighteen (18) months of the event or facts giving rise to such action.

The Company reserves the right to make design changes or improvements in its products without imposing any obligation upon itself to change or improve previously manufactured products.

GUZZLER
VACTOR

VACTOR/GUZZLER MANUFACTURING

1621 S. Illinois Street
Streator, IL 61364

TERMS AND CONDITIONS

ORDERS: All orders are subject to acceptance by Vactor Manufacturing, Inc. or Guzzler Manufacturing, Inc. (hereafter referred to as Vactor). Orders for products not normally carried in stock or requiring special engineering or manufacturing is in every case subject to approval by Vactor's Management.

PRICES: All orders are subject to current prices in effect at the time of order acknowledgement.

F.O.B. Point: Unless otherwise stated, all prices listed are F.O.B. factory.

PAYMENT TERMS: The company's payment terms are due upon receipt, unless otherwise stated. However, until such time as Vactor receives full payment, Vactor shall maintain a purchase money security interest in the product.

CANCELLATION: Orders regularly entered cannot be cancelled except upon terms that will compensate Vactor for any loss or damage sustained. Such loss will be a minimum of 10% of the purchase price.

SHIPMENT: All proposals are based on continuous and uninterrupted delivery of the order upon completion, unless specifications distinctly state otherwise. In the event that agreement is reached for Vactor to store completed items, they will be immediately invoiced to the customer and become due and payable. Storage shall be at the risk of the customer and Vactor shall be liable only for ordinary care of the property.

STORAGE CHARGES: Vactor shall charge the customer at current rates for handling and storing customer's property (e.g. truck chassis) held for more than thirty (30) days after notification of availability for shipment. All customer's property, or third party's property, that is stored by Vactor is at the customer's or other party's risk. Vactor is not liable for any loss or damage thereto caused by fire, water, corrosion, theft, negligence, or any caused beyond its reasonable control.

PERFORMANCE: Vactor shall not be liable for failure to complete the contract in accordance with its terms if failure is due to wars, strikes, fires, floods, accidents, delays in transportation or other causes beyond its reasonable control.

EXPERIMENTAL WORK: Work performed at customer's request such as sketches, drawings, design, testing, fabrication and materials shall be charged at current rates.

SKETCHES, ENGINEERING DRAWINGS, MODELS and all preparatory work created or furnished by Vactor, shall remain its exclusive property; and no use of same shall be made nor may ideas obtained therefrom be used except with the consent of and on terms acceptable to Vactor.

TAXES: The pricing attached does not include Federal, State or local taxes which are the buyer's responsibility. However, Vactor/Guzzler Manufacturing, Inc. shall be responsible for Federal Excise Tax (F.E.T.) unless it is separately stated on the invoice and added to the selling price. If F.E.T. is not separately stated on the invoice it has not been included in the price and Vactor/Guzzler will pay any F.E.T. due itself and bear the cost of the tax. Any refunds or adjustments to the F.E.T. in such cases belong to Vactor/Guzzler.

PRODUCT IMPROVEMENTS: Vactor reserves the right to change manufacturing specifications and procedure in accordance with its product improvement policy.

MOUNTING PRICES: Mounting prices assume normally factory installation on a truck chassis suitable for the unit purchased. Relocation of batteries, fuel tanks, mufflers, air tanks, etc. will be an additional charge, billed at the standard factory labor rate.

WARRANTY: Vactor warrants its products to be free from defects in material and workmanship, subject to the limitations and conditions set forth in its current published warranty. Other than those expressly stated herein. THERE ARE NOT OTHER WARRANTIES OF ANY KIND EXPRESS OR IMPLIED, AND SPECIFICALLY EXCLUDED BUT NOT BY WAY OF LIMITATION, ARE THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MECHANABILITY.

IT IS UNDERSTOOD AND AGREED THE SELLER'S LIABILITY WHETHER IN CONTRACT, IN TORT, UNDER ANY WARRANTY IN NEGLIGENCE OR OTHERWISE SHALL NOT EXCEED THE RETURN OF THE AMOUNT OF THE PURCHASE PRICE PAID BY THE PURCHASER AND UNDER NO CIRCUMSTANCES SHALL SELLER BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES. THE PRICES STATED FOR THE EQUIPMENT IS A CONSIDERATION IN LIMITING SELLER'S LIABILITY. NO ACTION REGARDLESS OF FORM, ARISING OUT OF THE TRANSACTION OF THE AGREEMENT MAY BE BROUGHT BY PURCHASER MORE THAN ONE YEAR AFTER THE CAUSE OF ACTION HAS ACCURED.

SELLER'S MAXIMUM LIABILITY SHALL NOT EXCEED AND BUYER'S REMEDY IS LIMITED TO EITHER (I) REPAIR OR REPLACEMENT OF THE DEFECTIVE PART OF PRODUCT, OR AT SELLER'S OPTION (II) RETURN OF THE PRODUCT AND REFUND OF THE PURCHASE PRICE AND SUCH REMEDY SHALL BE BUYER'S ENTIRE AND EXCLUSIVE REMEDY.

TERMS AND CONDITIONS

This agreement shall be construed according to the laws of the State of Illinois. Failure at anytime by Vactor to exercise any right of the Company may have under this agreement shall not constitute a waiver thereof nor prejudice Vactor's right to enforce it thereafter.

This order, including the above terms and conditions, contains the complete and final agreement between the parties hereto and no other agreement in any way modifying any of said terms and conditions will be binding on Vactor unless in writing and agreed to by an authorized representative of Vactor.

I agree with the above terms and conditions:

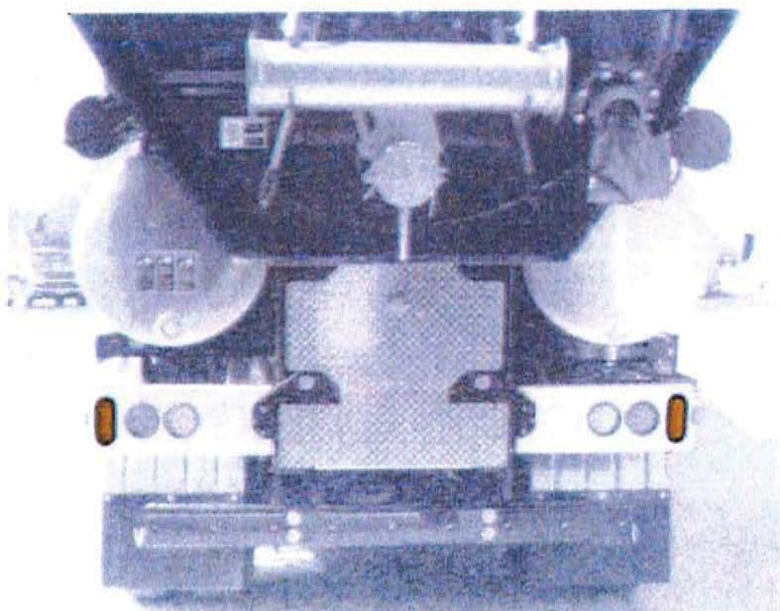
Date: _____

Federal Signal 5 Light System (All LED)

5 LED Lighting System will provide (1) Cab Guard Mounted LED Strobe, (2) Side Skirt Mounted Oval Strobes, and (2) Rear Mounted Oval Strobes



Front Light



Rear Lights



Side Lights

Bob Donlon – Area Sales Manager

bdonlon@standardequipment.com

Main: 312.829.1919 | Cell: 847.804.6017

2033 W Walnut St. Chicago, IL 60612



[Standard Equipment Company](http://StandardEquipmentCompany.com)

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JX Peterbilt - Bolingbrook P128
535 E South Frontage Rd

Standard Equipment Company
2033 W. Walnut St.

Bolingbrook, Illinois United States 60440
Phone: (630) 972-2720
Fax: (630) 972-2721
Email:

Chicago, Illinois United States 60612
Phone: (312) 829-1919
Fax: (312) 829-6142
Contact Email: jmiller@standardequipment.com
Prepared for: Jim Miller

Vehicle Summary

Unit		Chassis	
Model:	Model 348	Fr Axle Load (lbs):	20000
Type:	Full Truck	Rr Axle Load (lbs)	26000
Description:	West Chicago SINGLE	G.C.W. (lbs):	46000
Application		Road Conditions:	
Intended Serv.:	Tanker, Liquid Bulk	Class A (Highway)	100
Commodity:	Liquid Food Products	Class B (Hwy/Mtn)	0
Body		Class C (Off-Hwy)	0
Type:	Tank	Class D (Off-Road)	0
Length (ft):	20	Maximum Grade:	6
Height (ft):	13.5	Wheelbase (in):	244
Max Laden Weight (lbs):	1000	Overhang (in):	38.79999
Trailer		Fr Axle to BOC (in):	72.2
No. of Trailer Axles:	0	Cab to Axle (in):	171.8
Type:		Cab to EOF (in):	210.6
Length (ft):	0	Overall Comb. Length (in):	321
Height (ft):	0.0	Special Req.	
Kingpin Inset (in):	0	United States Registry	
Corner Radius (in):	0		
Restrictions			
Length (ft):	40		
Width (in):	102		
Height (ft):	13.5		

Approved by: _____

Date: _____

Note: All sales are F.O.B. designated plant of manufacture.

PacLease can help control costs and eliminate the challenges of owning, operating and maintaining your truck fleet.

- Improve Operations - Preserve Capital for Growth - Stay Focused on Your Business

Contact PacLease for a quote today, or visit our website @ www.paclease.com.

Unpublished options may require review/approval.

Dimensional and performance data for unpublished options may vary from that displayed in PROSPECTOR.

Printed: 3/31/2016 8:16:47 AM
Effective Date: Jan 1, 2016
Prepared by: ID: rmich

Complete

Model Number: Model 348
Quote/DTPO/CO: Q11412301
Version Number: 32.11

JX Peterbilt - Bolingbrook P128
535 E South Frontage Rd

Standard Equipment Company
2033 W. Walnut St.

Bolingbrook, Illinois United States 60440
Phone: (630) 972-2720
Fax: (630) 972-2721
Email:

Chicago, Illinois United States 60612
Phone: (312) 829-1919
Fax: (312) 829-6142
Contact Email: jmiller@standardequipment.com
Prepared for: Jim Miller

Data	Code	Description
Base Model		
0003481	O	Model 348
0091040	O	Liquid Food Products
0093020	O	Tanker, Liquid Bulk
0095150	O	Tank
0098170	O	United States Registry

Configuration		
0200700	O	Not Applicable

Frame & Equipment

0514000	O	10-3/4in Steel Rails To 354in N05100 Frame Rake 0 degrees N05110 Same in rear as in front to N05120 top of frame
0601500	O	Full Steel Inner Liner
0612230	O	Custom Wheelbase or Overhang
0613090	S	Three-Piece Crossmembers
0644090	S	EOF Square without Xmbr
0651090	S	Omit Rear Mudflaps and Hangers

Front Axle & Equipment

1011360	O	Dana Spicer D2000F 20,000 lb, 3.5in Drop
1114030	O	Taper Leaf Springs, Shocks 20,000 lb N11100 Customer requires 70MM N11110 spacer blocks in front springs
1233110	O	Power Steering TRW THP60 Dual
1234567	U	Remove Code1673090 Glitch in System
1234568	U	Remove Code 1922260 Glitch in System
1250250	O	Power Steering Reservoir Frame Mounted w/Cooler
1353550	O	PHP10 Aluminum PreSet PLUS Hubs Air Disc
1380290	O	Air Disc Front Brakes
1390540	O	Dust Shields, CAM And Air Disc Brakes, Front Axle
1391410	O	Gusseted Cam Brackets, Steer Axle

Rear Axle & Equipment

1513210	O	Dana Spicer S26-190 26,000 lb
1616300	O	PHP10 Iron PreSet PLUS Hubs
1632650	O	Long Stroke Parking Brakes, Drive Axle(s)
1671040	O	Diff Lock Rear-Rear Or Single Drive Axle
1680490	O	Gusseted Cam Brackets, Drive Axle(s)

1680500	S	SBM Valve
1680550	O	Upsize Parking Brakes
1680910	O	Heavy Duty Brake Drums, Drive Axle(s)
1680950	S	Stability System Not Selected or Not Available
1682430	S	Anti-Lock Braking System (ABS) 4S4M
1684200	S	Synthetic Axle Lubricant All Axles
1686348	S	Single Drive Axle (Model 348)
1687010	S	Bendix Air Cam Rear Drum Brakes 16.5x7
1706140	O	Ratio 6.14 Rear Axle
1816220	O	Reyco 102AR 26,000 LBS
1922260	O	Dash Mtd Dump Switch With Indicator Light

Engine & Equipment

2058509	O	PACCAR PX-9 370@1900 GOV@2100 1250@1400
N21320	N205	120..Standard Maximum Speed Limit [LSL]
N21330	N207	0....Expiration Distance
N21340	P005	120..Hard Maximum Speed Limit
N21350	P001	64...Maximum Accelerator Pedal Vehicle Speed
N21360	P110	0....Accelerator Lower Droop
N21370	P059	64...Maximum Cruise Speed
N21380	P111	0....Cruise Control Lower Droop
N21400	N203	252..Reserve Speed Function Reset Distance
N21410	N202	0....Maximum Cycle Distance
N21420	N206	10...Maximum Active Distance
N21430	N201	0....Reserve Speed Limit Offset
N21440	P015	No...Engine Protection Shutdown
N21450	P026	No...Gear Down Protection
N21460	P046	1400.Max PTO Speed
N21470	P062	No...Cruise Control Auto Resume
N21480	P068	No...Auto Engine Brake in Cruise
N21500	N209	0....Expiration Distance
N21510	P520	Yes..Enable Idle Shutdown Park Brake Set
N21520	P030	5....Timer Setting
N21530	P233	Yes..Enable Impending Shutdown Warning
N21540	P234	60...Timer For Impending Shutdown Warning
N21550	P516	35...Engine Load Threshold
N21570	P031	No...Idle Shutdown Manual Overrule
N21590	P230	Yes..Enable Hot Ambient Automatic Overrule
N21610	P172	40...Low Ambient Temperature Threshold
N21620	P173	60...Intermediate Ambient Temperature Threshold
N21630	P171	80...High Ambient Temperature Threshold

2091310	O	Engine Idle Shutdown Timer Disabled
2091315	O	Enable EIST Ambient Temp Overrule
2091372	O	Eff EIST NA Expiration Miles
2091640	O	Effective VSL Setting NA
2140150	O	Remote PTO And Throttle Provision
2140220	O	CARB Engine Idling Compliance DECLINED By
2511400	O	160 Amp Alternator, 36 SI Brushless
2521090	O	Immersion Type Block Heater 110-120V
2522050	S	PACCAR 12V Starter
2535040	O	3 Optima DT31T Batteries 2700 CCA Threaded
2539410	O	Battery Jumper Terminal Mounted Under Hood
2621000	O	2-Speed Fan Clutch For Frequent Start/Stops
2723210	S	18.7 CFM Air Compressor
2922780	O	Spin-On Fuel Filter/Water Separator, 12V Heated
3010400	O	Engine Protection Shutdown
3114270	S	High Efficiency Cooling System
3211120	S	Radial Seal, Dry Type Air Cleaner, Frontal
3365040	S	Exhaust Single RH Side Of Cab

3381770	O	Curved Tip Standpipe(s)
3387610	O	18in Ht, 5in Dia Chrome, Clear Coat Standpipe(s)

Transmission & Equipment

4052110	O	Allison 3000 RDS-P Transmission, Gen 5
4210320	O	1710 HD Driveline, 2 Midship Bearings
4250500	U	Allison 5th Gen RDS, Pkg 172
4250720	O	Allison FuelSense Not Desired
4252170	O	Auto Neutral Activates With Parking Brake
4256471	U	Allison MD/HD/RDS 4th Gear Lockup AJ
4256640	O	Allison 6-Speed Configuration, Close Ratio Gears
4256920	O	Dash Mounted Push Button Shifter

Air & Trailer Equipment

4510760	O	Bendix AD-IS EP Air Dryer with Heater N45100 mount air dryer per N45110 vehicle layout
4520420	O	Berg Pull Cord Drain Valve(s) - All Air Tanks
4540420	S	Nylon Chassis Hose
4543340	O	Aluminum Painted Air Tanks
4543390	O	High Mount Air Tanks BOC/BOS Where Possible
4611930	O	Body Connections 5ft BOC

Tires & Wheels

5058880	O	FF: MN 20ply 425/65R22.5 XFE
5158490	O	RR: MN 16ply 12R22.5 XZY3
5190004	O	Code-rear Tire Qty 04
5220090	O	FF: Alcoa 823627 LVL1 Plt 22.5X12.25 Alm Whl
5320260	O	RR: Alcoa 894657LvL1 22.5X9.00 Alm Whl
5390004	O	Code-rear Rim Qty 04

Fuel Tanks

5554160	O	26in Aluminum 90 Gallon Fuel Tank LH U/C
5602090	O	Location LH U/C 90 Gallon
5652890	O	DEF Tank Mounted LH BOC
5652990	O	Standard DEF To Fuel Ratio 2:1 Or Greater
5655019	S	DEF Tank Small

Battery Box & Bumper

6010390	O	Omit Standard Battery Box
6040550	S	Aftertreatment RH U/C Alum Non-Slip Cab Entry
6113050	O	Aluminum Channel Bumper Stainless Steel Clad

Cab & Equipment

6515640	O	Alum Cab 110in BBC Metton Hood
6540120	O	Severe Service Cab Package #1
6540160	O	Thermal Insulation Package in Cab
6800360	O	Rubber Fender Lips 2 Inch Wide
6911700	S	Peterbilt UltraRide Driver Seat
6921700	S	Peterbilt UltraRide Passenger Seat
6930500	O	Drivers Armrest - RH Only
6930590	O	Passenger Armrest - LH only
6939070	O	Mounted On In-Cab Battery Box
6939400	S	Air Ride Driver
6939420	S	High Back Driver
6939480	O	Mordura Driver

6939520	S	High Back Passenger
6939580	O	Mordura Passenger
7000015	S	Adjustable Steering Column - Tilt Only
7001620	S	Steering Wheel with Peterbilt Logo
7036120	S	Interior Grey/Black
7210430	O	Extended Rear Window ipo Std Window-Day Cab
7210540	S	Day Cab Rear Window
7230060	S	One Piece Curved Windshield
7322010	S	Combo Fresh Air Heater/Air Conditioner
7322130	O	Cup Holder (Floor Mounted)
7410040	O	Outside Sunvisor - Stainless Steel
7561180	O	Aero Mirrors Ea Side Htd & Mtrzd 4-Way Adjustable
7564110	O	Power Package
7565180	O	Polished Lower Mirror Bracket Covers
7620620	O	(2) Air Horns 24.5in Chrome - Round w/Horn Shield
7725710	O	Standard Speaker Package For Cab
7725715	O	ConcertClass Without CD, Includes BT Phone and
7748140	O	CB Terminals/Wiring Mtd Under Header
7748510	O	CB Antenna Mounting, RH Mirror
7782230	O	Radio Antenna Mounted Logger Style
7850210	O	Plug-In Auto Reset Circuit Breaker
7851480	S	Peterbilt Electric Windshield Wipers
7851970	O	Unibilt Cab Air Suspension
7852010	O	Removable Ashtray In Cup Holder
7900090	O	Triangle Reflector Kit Shipped Loose
7900270	O	5 lb 3A:40bc Fire Extinguisher Cab Mounted
7901130	O	Backup Alarm (107dB)
8021380	S	Air Restriction Indicator
8071340	O	Bright Bezel Gauges
8071870	S	Main Instrumentation Panel, Graphics Display
8111110	S	Headlights Composite Fender Mounted
8121170	O	(5) Marker Lights, Bus LED Bullet
8133450	O	(2) SSTL Brkts Roof Mounted F/O Beacon/Strobe
8133960	O	Daytime Running Lights
8134070	O	(2) Addl Dome/Reading Lights, Ceiling Mounted
8140350	O	LED Stop/Turn/Tail
8140850	O	Moveable EOF Xmbr For Mounting Taillights

Paint

8500710	O	Standard Paint Color Selection
8530770	O	(1) Color Axalta Two Stage - Cab/Hood
		N85020 A - L0006EY WHITE - Stand
		N85400 HOOD TOP L0006EY WHITE - Stand
		N85500 CAB ROOF L0006EY WHITE - Stand
		N85200 FRAME N0001EA BLACK
		N85300 FENDER L0006EY WHITE - Stand

Options Not Subject To Discount

9400096	O	Severe Service Warranty
9408905	O	Medium Duty Emissions Surcharge
9408982	O	Vehicle Layout

Miscellaneous

9409960	O	Presentation Created Using Featured Spec
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CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE AGENDA ITEM SUMMARY

ITEM TITLE:

Purchase of Thawrox Deicer from Compass Minerals America, Inc., Overland Park, Kansas

AGENDA ITEM NUMBER: 4.E.**COMMITTEE AGENDA DATE:** September 1, 2016**COUNCIL AGENDA DATE:** September 5, 2016**STAFF REVIEW:** Robert E. Flatter, P.E., Director of Public Works**SIGNATURE** **APPROVED BY CITY ADMINISTRATOR:** Michael L. Guttman**SIGNATURE** _____**ITEM SUMMARY:**

In July 2016 City Council approved the purchase of up to 2,600 tons rock salt (1,600 tons (80%) minimum purchase required and 2,600 tons (130%) maximum purchase guaranteed available) from Compass Minerals America, Inc. of Overland Park, Kansas, at the price of \$56.35 per ton, through the DuPage County Rock Salt Purchasing Program for the 2016-2017 winter season. For comparison, the City paid \$70.44 per ton delivered for the 2015-2016 winter season, \$112.69 per ton delivered for the 2014-2015 winter, and \$53.71 per ton delivered for the 2013-2014 winter season.

In July 2016, City staff contacted the sales representative for Compass Minerals America, Inc. who acknowledged an ability and willingness to deliver up to 1,500 tons of Thawrox Deicer (i.e., treated rock salt) to the City during the 2016-2017 winter season for \$72.85 per ton delivered. However, Compass Minerals America, Inc. is looking for an 80% purchase commitment from the City (i.e., minimum 1,200.00 tons). For comparison, the City paid \$85.26 per ton of Thawrox delivered during the 2015-2016 winter season, \$118.08 per ton of Thawrox delivered during the 2014-2015 winter season, and \$73.41 per ton of Thawrox delivered during the 2013-2014 winter season.

The City has utilized Thawrox since 2010 and has been very pleased with its performance and effectiveness during extreme cold conditions, when regular salt was not. In addition, Thawrox does not require the additional use of Geomelt or other pre-wet agents. Given the fact that Thawrox is more effective at melting snow and ice in than regular rock salt, and given the fact that Thawrox is only \$16.50 per ton delivered more than regular rock salt, City staff recommends the purchase of up to 1,500 tons of Thawrox from Compass Minerals America, Inc. for the 2016-2017 winter season; resulting in an additional expenditure of \$24,750.00 over the purchase of 1,500 tons of regular rock salt.

If approved, City staff would purchase the minimum 1,600 tons of regular rock salt from Compass Minerals America, Inc. and the minimum 1,200 tons of Thawrox; leaving 1,000 tons of regular rock salt available through the DuPage County Program and 300 tons of Thawrox available for emergency or extended weather conditions.

Rock salt and Thawrox Deicer are paid from the Public Works Motor Fuel Tax Fund (01-09-26-4670), in which \$311,100 is budgeted for FY 2016.

ACTIONS PROPOSED:

That the West Chicago City Council waive competitive bidding and authorize the purchase of up to 1,500 tons of Thawrox Deicer, at the price of \$72.85 per ton delivered, from Compass Minerals America, Inc. of Overland Park, Kansas.