



**REGULAR CITY COUNCIL MEETING MINUTES
MONDAY, JANUARY 6, 2025, 7:00 PM
AT BEACHWOOD CITY HALL, COUNCIL CHAMBERS,
25325 FAIRMOUNT BOULEYARD,
BEACHWOOD, OHIO 44122**

Called to order at 7:02 PM by Council President Alec Isaacson

-Pledge of Allegiance to the Flag of the United States of America-

1. Roll Call

Present - Ms. DeLong, Mr. Isaacson, Ms. Shoykhet, Ms. Stern, Ms. Taylor

Absent - Mr. Mintz

Others Present - Mayor Berns, Mr. Arrietta, Ms. Bieterman, Police Chief Grispino, Mr. Heiser, Fire Chief Holtzman, Mr. Hunt, Mr. Lombardi, Mr. Roenigk, Mr. Rose, Mr. Schroeder

2. Citizen's Remarks (City Council limits Citizen's Remarks to three (3) minutes each for a maximum of thirty (30) minutes unless so extended at the discretion of the President or a majority of Council per Council Rules of Procedure, Section 7, Rule 7.2)

(Please see Video Recording for full remarks:

<https://www.beachwoodohio.com/528/Live-Stream-Recorded-Meetings>)

Kyle Fishman

Mr. Fishman made remarks.

Matt Hildebrand

Mr. Hildebrand made remarks

3. Reports

a. Mayor

Mayor Berns thanked Mr. Arrietta and Public Works for their work on the roads with the snow removal.

Mayor Berns discussed the Changeable Copy Sign and State of the City event which will be held on on February 19th at SITE Centers at 8 am.

b. Council Members (non-agenda items)

Mr. Isaacson thanked Mr. Arrietta and members of Public Works and the Safety Forces, for their snowstorm response.

c. Department Directors

Mr. Arrietta gave an update on community food drive.

Chief Grispino gave an update on the entry level and lateral transfer hiring process.

4. Approval of Minutes:

Committee of the Whole Meeting held on December 9, 2024

Regular Council Meeting held on December 16, 2024

Moved by: A. Isaacson, Seconded by: A. Stern

Voice Vote

On the Approval:

Yes: 4

No: 0

Abstain: 1

Not Voting: 0

New Business

1. 2025-1

An Ordinance authorizing and directing the payment of certain claims (Bills) for professional and other services; and declaring this to be an urgent measure

Moved by: J. DeLong, Seconded by: J. Taylor

Voice Vote

On the Suspension:

Yes: 5

No: 0

Abstain: 0

Not Voting: 0

MOTION ADOPTED

Voice Vote

On the Adoption:

Yes: 5

No: 0

Abstain: 0

Not Voting: 0

MOTION ADOPTED

Resolutions

1. 2025-1

A Resolution confirming the Appointment of Lee Janovitz as a Member of the Board of Tax Review for the City of Beachwood, Ohio; and declaring this to be an urgent measure

Moved by: A. Stern, Seconded by: A. Isaacson

Voice Vote

On the Suspension:

Yes: 5

No: 0

Abstain: 0

Not Voting: 0

MOTION ADOPTED

Voice Vote

On the Adoption:

Yes: 5

No: 0

Abstain: 0

Not Voting: 0

MOTION ADOPTED

Resolutions (continued)

2. 2025-2

A Resolution authorizing the Mayor to enter into an Agreement with Valley Freightliner, Inc. for the purchase of two (2) Western Star 47X Cabs and Chassis and to enter into an Agreement with Concord Road Equipment Mfg., LLC for the purchase and installation of two (2) Stainless Steel Dump Bodies with Snow and Ice Control Packages for the two (2) trucks; waiving Competitive Bidding; and declaring this to be an urgent measure

Moved by: J. Taylor, Seconded by: D. Shoykhet

Voice Vote

On the Suspension:

Yes: 5

No: 0

Abstain: 0

Not Voting: 0

MOTION ADOPTED

Voice Vote

On the Adoption:

Yes: 5

No: 0

Abstain: 0

Not Voting: 0

MOTION ADOPTED

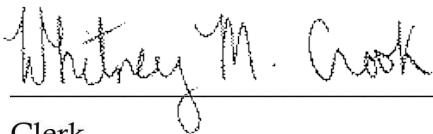
Any other matters coming before City Council

None

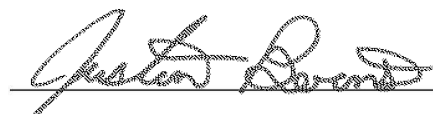
Adjournment

Adjourn to the next Regular City Council Meeting at 7:21 PM

Approved:



Clerk



Mayor

Next Regular Council Meeting will be held on: Monday, January 21, 2025 at 7 PM in Council Chambers. For all updates regarding Council Meetings, please visit:
www.BeachwoodOhio.com

**Council Members: Alec Isaacson- Council President
Danielle Shoykhet- Council Vice-President
Jillian DeLong, Joshua Mintz,
Ali B. Stern, June E. Taylor
Clerk of Council: Whitney M. Crook, MMC**

**Pursuant to Ordinance Number 2020-78 Council has determined that the Video Recording of the meetings shall stand as the official Minutes of its Body, its Committees, and those of the Planning and Zoning Commission.
A written synopsis of all agenda items and votes shall also be promptly prepared and kept.**

AN ORDINANCE AUTHORIZING AND DIRECTING THE PAYMENT OF CERTAIN CLAIMS (BILLS) FOR PROFESSIONAL AND OTHER SERVICES; AND DECLARING THIS TO BE AN URGENT MEASURE

BE IT ORDAINED by the Council of the City of Beachwood, State of Ohio, that the Director of Finance is hereby authorized and directed to issue his respective warrants for the following claims, to wit:

Section 1:

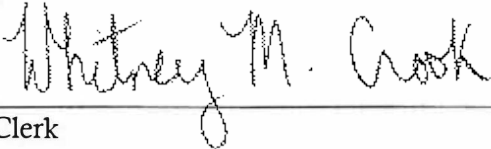
For Supplies and Services	January 6th, 2025	\$ 9,442.00
Squire Patton Boggs	Professional Services	\$1,856.25
JustFOIA	Invoice-Law	\$7,585.75

Section 2: It is found and determined that all formal actions and deliberation of Council and its committees relating to the passage of this legislation that resulted in formal action were in meetings open to the public where required by Chapter 105 of the Codified Ordinances of the City.

Section 3: This Ordinance is hereby declared an urgent measure immediately necessary for the public peace, health or safety or the efficient operation of the City; and for the further reason that it is necessary to approve said item and/or services available for use at the earliest possible time, to serve the City of Beachwood and its citizens.

WHEREFORE, this Ordinance shall be in full force and effect from and after the earliest date permitted by law.

Attest: I hereby certify that this legislation was duly adopted on the 6th day of January 2025 and presented to the Mayor.


Clerk

Approval: I have approved this legislation this 7th day of January 2025 and filed it with the Clerk.


Mayor



RECEIVED

DEC 16 2024

SQUIRE
PATTON BOGGS

1000 Key Tower
127 Public Square
Cleveland, OH 44114
United States
Tel: +1.216.479.8500
Fax: +1.216.479.8780

FINANCE DEPT

City of Beachwood
Attn: Larry Heiser
Finance Director
2700 Richmond Road
Beachwood, Ohio 44122

Invoice Number: 10575402
Invoice Date: 11/26/24
Matter Number: 011736.00148

Economic Development Matters

INVOICE SUMMARY

Fees:	\$ 1,856.25
Disbursements:	\$ 0.00
Amount Due for this Invoice:	\$ 1,856.25

PAYMENT INSTRUCTIONS

<i>Remit Check Payments to:</i>	<i>Remit Wire Payments to:</i>	<i>Direct Billing Inquiries to:</i>
---------------------------------	--------------------------------	-------------------------------------

City of Beachwood (419) 441-1111

City of Beachwood (419) 441-1111

Beachwood Finance Dept

Please Include Reference Number 10575402/011736.00148 with all Payments
Tax Identification Number [REDACTED]

APPROVED FOR PAYMENT

BY: [Signature]

DATE: 12/16/24

P/O: _____



1000 Key Tower
127 Public Square
Cleveland, OH 44114
United States
Tel: +1.216.479.8500
Fax: +1.216.479.8780

City of Beachwood
Attn: Larry Heiser
Finance Director
2700 Richmond Road
Beachwood, Ohio 44122

Invoice Number: 10575402
Invoice Date: 11/26/24
Matter Number: 011736.00148

REMITTANCE COPY

Economic Development Matters

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PAYMENT INSTRUCTIONS

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Squire Patton Boggs (US) LLP	Squire Patton Boggs (US) LLP	Russell W. Polthier

Please Include Reference Number 10575402/011736.00148 with all Payments
Tax Identification Number [REDACTED]



RECEIVED

DEC 10 2024

FINANCE DEPT

Bill To:
City of Beachwood
Attention: Accounts Payable
Attn: Accounts Payable
Beachwood, OH 44122

Invoice Number RN20817
Invoice Date 12/7/2024
PO Number
Payment Terms Net 30
Customer ID BEACHWDOH01
End Customer ID Beachwood

Reference: Annual Billing for 2025-2026

JustFOIA Pro Renewal Coverage Period: 2/20 - 2/19

Description

**Extended
Amount**

Subscription (JF)

Law
APPROVED FOR PAYMENT

**Product Group
Total**

\$7,585.75

BY: _____

DATE: _____

P/O: _____

Subtotal	\$7,585.75
Downpayment Applied	-\$0.00
Sales Tax	\$0.00
Total Due	\$7,585.75

3717 Apalachee Parkway, Suite 201
Tallahassee, FL 32311

INTRODUCED BY: A. Stern

RESOLUTION NO: 2025-1

A RESOLUTION CONFIRMING THE APPOINTMENT OF LEE JANOVITZ AS A MEMBER OF THE BOARD OF TAX REVIEW FOR THE CITY OF BEACHWOOD, OHIO; AND DECLARING THIS TO BE AN URGENT MEASURE.

WHEREAS, the Mayor has appointed Lee Janovitz as a member of the Board of Tax Review of the City of Beachwood in accordance with BCO 193.21(A) and has requested Council to confirm said appointment.

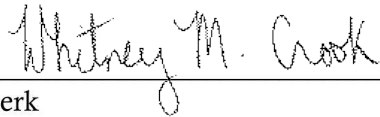
NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Beachwood, County of Cuyahoga, and State of Ohio, that:

Section 1: The appointment by the Mayor of Lee Janovitz, as a member of the Board of Tax Review for the City of Beachwood, for a term ending December 31, 2026, be and the same is hereby confirmed.

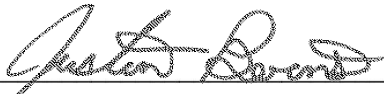
Section 2: It is found and determined that all formal actions and deliberations of Council and its committees relating to the passage of this legislation that resulted in formal action were in meetings open to the public where required by Chapter 105 of the Codified Ordinances of the City.

Section 3: This Resolution is declared to be an urgent measure necessary for the public peace, health, safety, or the efficient operation of the City; such necessity existing for the reason that the appointment provided herein is needed for the proper operation of an essential Board of the City government; wherefore, this Resolution shall be in effect immediately upon its enactment and approval by the Mayor.

Attest: I hereby certify this legislation was duly adopted on the 6th day of January, 2025, and presented to the Mayor for approval or rejection in accordance with Article III, Section 8 of the Charter on the 7th day of January, 2025.


Clerk

Approval: I have approved this legislation this 7th day of January, 2025, and filed it with the Clerk.


Mayor

CITY OF BEACHWOOD

INTER-OFFICE MEMORANDUM

TO: Alec Isaacson, President of Council
Danielle Shoykhet, Vice President of Council

FROM: Mayor Justin Berns

DATE: December 18, 2024

SUBJECT: **Board of Tax Review Appointment**

The Board of Tax Review consists of one (1) residential member appointed by the Mayor.

At this time, I would like to appoint the following member to the Board of Tax Review:

Lee Janovitz

This appointment will be for a term of 2 years ending December 31, 2026.

cc. Todd Hunt, Law Director
Larry Heiser, Finance Director
Whitney Crook, Clerk of Council

A RESOLUTION AUTHORIZING THE MAYOR TO ENTER INTO AN AGREEMENT WITH VALLEY FREIGHTLINER, INC. FOR THE PURCHASE OF TWO (2) WESTERN STAR 47X TRUCK CABS AND CHASSIS AND TO ENTER INTO AN AGREEMENT WITH CONCORD ROAD EQUIPMENT MFG., LLC FOR THE PURCHASE AND INSTALLATION OF TWO (2) STAINLESS STEEL DUMP BODIES WITH SNOW AND ICE CONTROL PACKAGES FOR THE TWO (2) TRUCKS; WAIVING COMPETITIVE BIDDING; AND DECLARING THIS TO BE AN URGENT MEASURE

WHEREAS, Council by Ordinance No. 1986-79 authorized the Mayor in lieu of competitive bidding by the City to enter into purchase orders with suppliers of products and/or services from a list prepared by the State of Ohio, after the State received competitively bid contracts with such suppliers in accordance with the State laws;

WHEREAS, the Public Works Director has recommended the purchase of two (2) Western Star 47X Truck Cabs and Chassis from Valley Freightliner, Inc. and has recommended the purchase and installation of two (2) Stainless Steel Dump Bodies with Snow and Ice Control Packages from Concord Road Equipment Mfg., LLC, as set forth in the two quotations supplied to this Council;

WHEREAS, the Valley Freightliner, Inc. price quotation to the City of \$276,912.00 is in accordance with ODOT Contract #023-24 and the Concord Road Equipment Mfg., LLC price quotation to the City of \$289,244.92 is in accordance with State Bid Contract Index # STS515;

WHEREAS, the purchase and installation amount for both the two (2) Truck Cabs and Chassis and the two (2) Stainless-Steel Dump Bodies with Snow and Ice Control Packages are for a total amount not to exceed Five Hundred Sixty-Six Thousand One Hundred Fifty-Six Dollars and Ninety-Two Cents (\$566,156.92).

NOW, THEREFORE, BE IT RESOLVED, by the Council of the City of Beachwood, County of Cuyahoga, and State of Ohio that:

Section 1: Based upon the quotation received from Concord Road Equipment Mfg., LLC and from Valley Freightliner, Inc., the Mayor is authorized to purchase two (2) Truck Cabs and Chassis and two (2) Stainless Steel Dump Bodies with a Snow and Ice Control Packages in a total amount not to exceed Five Hundred Sixty-Six Thousand One Hundred Fifty-Six Dollars and Ninety-Two Cents (\$566,156.92).

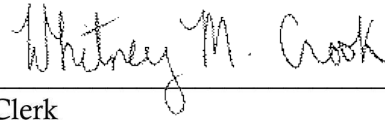
Section 2: It is found and determined that all formal actions and deliberations of Council and its committees relating to the passage of this legislation that resulted in formal action were in meetings open to the public where required by Chapter 105 of the Codified Ordinances of the City.

Section 3: This Resolution is declared to be an urgent measure necessary for the public peace, health, safety, or the efficient operation of the City; and for the further reason that it is necessary to have said equipment available for use at the earliest time to serve the public safety and welfare; wherefore, this Resolution shall be in full force and effect immediately upon its passage and approval by the Mayor.

RESOLUTION NO. 2025-2

Attest:

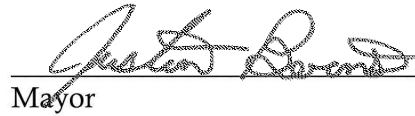
I hereby certify this legislation was duly adopted on the 6th day of January, 2025, and presented to the Mayor for approval or rejection in accordance with Article III, Section 8 of the Charter on the 7th day of January, 2025.



Clerk

Approval:

I have approved this legislation this 7th day of January, 2025, and filed it with the Clerk.



Mayor

**BEACHWOOD PUBLIC WORKS DEPARTMENT
INTER-OFFICE MEMORANDUM**

TO: Mayor Justin Berns

FR: Chris Arrietta, Public Works Director

DT: December 17, 2024

RE: Council Agenda Item: Equipment Purchase – Salt Trucks

Mayor,

Public Works is requesting the purchase of two (2) Western Star 47X Cab and Chassis from Valley Freightliner and two (2) Dump Body with Snow and Ice Control Packages from Concord Road Equipment. Total cost for the vehicles is \$566,156.92. The new vehicles will be replacing unit #25 (2002 IHC Dump Body) and #3 (2002 Ford Dump Body). Please let me know if you have any questions in regards to this purchase. With your permission, I would like to place this item on the next council agenda.

Prepared for:
 Dan Chicchella
 BEACHWOOD CITY OF
 23355 Mercantile Rd
 Beachwood, OH 44122
 Phone: 2162921495

Prepared by:
 Greg Simonic
 VALLEY FREIGHTLINER, INC.
 10901 Brookpark Rd
 Parma, OH 44130
 Phone: 216-267-4800

S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-29X	WST 47X/49X PRL-29X (EFF:MY26 ORDERS)		
Data Version			
DRL-011	SPECPRO21 DATA RELEASE VER 011		
Vehicle Configuration			
001-470	WESTERN STAR 47X	9,050	6,525
004-226	2026 MODEL YEAR SPECIFIED		
002-003	SET FORWARD AXLE - TRUCK	-480	480
019-006	TRAILER TOWING PROVISION AT END OF FRAME WITH SAE J560	10	10
003-001	LH PRIMARY STEERING LOCATION		
General Service			
AA1-003	TRUCK/TRAILER CONFIGURATION		
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
99D-027	EPA EMISSIONS CERTIFICATION FOR REGISTRATION IN EPA OR ACT STATES - EPA CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD OF DRIVER DOOR)		
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE		
A84-1GM	GOVERNMENT BUSINESS SEGMENT		
AA4-010	DIRT/SAND/ROCK COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-1A5	WESTERN STAR VOCATIONAL WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 20000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 24020.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 44020.0 lbs		
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs		

Application Version 12.0.009
 Data Version PRL-29X.011
 WSTR 47X ODOT 023-24
 BEACHWOOD

10/01/2024 7:25 PM

Page 2 of 19

Prepared for:
 Dan Chicchella
 BEACHWOOD CITY OF
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 Beachwood, OH 44122
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 VALLEY FREIGHTLINER, INC.
 10901 Brookpark Rd
 Parma, OH 44130
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Data Code	Description	Weight Front	Weight Rear
Truck Service			
AA3-018	FRONT PLOW/END DUMP BODY		
AF3-1N7	CONCORD ROAD EQUIPMENT		
Engine			
101-3BR	CUM L9 360 HP @ 2200 RPM; 2200 GOV RPM, 1150 LB-FT @ 1200 RPM	-850	-70
Electronic Parameters			
79A-065	65 MPH ROAD SPEED LIMIT		
79K-016	PTO MODE ENGINE RPM LIMIT - 2000 RPM		
79P-005	PTO RPM WITH CRUISE SET SWITCH - 1000 RPM		
79Q-004	PTO RPM WITH CRUISE RESUME SWITCH - 900 RPM		
79U-004	PTO GOVERNOR RAMP RATE - 100 RPM PER SECOND		
79V-001	FUEL DOSING OF AFTERTREATMENT ENABLED IN PTO MODE-CLEANS HYDROCARBONS AT HIGH TEMPERATURES ONLY		
79W-024	CRUISE CONTROL BUTTON PTO CONTROL		
79X-005	PTO SPEED 1 SETTING - 900 RPM		
80G-002	PTO MINIMUM RPM - 700		
80J-001	REGEN INHIBIT SPEED THRESHOLD - 0 MPH		
80S-004	PTO 1, DASH SWITCH, ENGAGE WHILE DRIVING		
Engine Equipment			
99C-024	EPA 2010/GHG 2024 CONFIGURATION		
13E-001	STANDARD OIL PAN		
105-001	ENGINE MOUNTED OIL CHECK AND FILL		
014-111	SIDE OF HOOD AIR INTAKE WITH ENGINE MOUNTED AIR CLEANER, WITH INSIDE/OUTSIDE AIR AND SNOW DOOR		
124-1E1	DR 12V 200 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE	-10	
292-222	(3) DTNA GENUINE, HIGH TEMP AGM STARTING AND CYCLING, MIN 2775CCA, 570RC, THREADED STUD BATTERIES		
290-1AC	PASSENGER SEAT BATTERY BOX VENTED TO OUTSIDE OF CAB		
282-013	BATTERY BOX MOUNTED UNDER PASSENGER SEAT		
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
289-006	PLASTIC BATTERY BOX COVER		

Prepared for:
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Data Code	Description	Weight Front	Weight Rear
293-058	NON-ESSENTIAL POSITIVE LOAD DISCONNECT, IN CAB CONTROL SWITCH MOUNTED OUTBOARD OF DRIVER SEAT	2	
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
128-1AR	CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF WITH BRAKE LAMPS	20	
016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE		
28F-015	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD ACTIVE REGENERATION AND VIRTUAL REGENERATION REQUEST SWITCH IN CLUSTER AND DASH MOUNTED INHIBIT SWITCH		
239-038	11 FOOT 06 INCH (138 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
233-017	STANDARD CURVE BRIGHT UPPER STACK(S)		
237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
23U-027	8 GALLON DIESEL EXHAUST FLUID TANK		
23Z-005	UNPOLISHED ALUMINUM WST DIESEL EXHAUST FLUID TANK COVER		
43X-001	LH HEAVY DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP		
242-049	PERFORATED SINGLE STAINLESS STEEL MUFFLER/TAILOPIPE SHIELD WITH WESTERN STAR LOGO		
273-059	ELECTRONICALLY CONTROLLED VARIABLE SPEED VISCOUS FAN DRIVE		
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
122-1H4	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR AND 12 VOLT PREHEATER	10	
110-003	CUMMINS SPIN ON FUEL FILTER		
118-001	FULL FLOW OIL FILTER		
266-109	1400 SQUARE INCH VOCATIONAL RADIATOR WITH PROTECTION PACKAGE	20	
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
261-001	STANDARD CHARGE AIR COOLER PLUMBING		

Prepared for:
 Dan Chicchella
 BEACHWOOD CITY OF
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 VALLEY FREIGHTLINER, INC.
 10901 Brookpark Rd
 Parma, OH 44130
 Phone: 216-267-4800

Data Code	Description	Weight Front	Weight Rear
270-016	RADIATOR DRAIN VALVE		
168-002	LOWER RADIATOR GUARD		
132-004	ELECTRIC GRID AIR INTAKE WARMER		
155-055	DELCO 12V 39MT HD/OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH	-45	
Transmission			
342-582	ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	-230	-130
Transmission Equipment			
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84E-017	S5 PERFORMANCE LIMITING PRIMARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84F-016	S5 PERFORMANCE LIMITING SECONDARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84G-013	2100 RPM PRIMARY MODE SHIFT SPEED		
84H-013	2100 RPM SECONDARY MODE SHIFT SPEED		
84N-011	NEUTRAL AT STOP ENABLED		
85E-011	MAXIMUM ENGINE SPEED FOR PTO ENGAGEMENT 1000 RPM		
85G-043	MAXIMUM OUTPUT SPEED FOR PTO ENGAGEMENT 1100 RPM		
353-074	QUICKFIT BODY LIGHTING CONNECTOR UNDER CAB, WITH BLUNTCUTS		
34C-011	ELECTRONIC TRANSMISSION WIRING TO CUSTOMER INTERFACE CONNECTOR		
362-823	CUSTOMER INSTALLED CHELSEA 280 SERIES PTO		
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION ALLISON		
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		

Prepared for:
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Data Code	Description	Weight Front	Weight Rear
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
370-006	WATER TO OIL TRANSMISSION COOLER		
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment			
400-1BB	DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	190	
418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS	20	
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	10	
403-002	NON-ASBESTOS FRONT BRAKE LINING		
419-023	CONMET CAST IRON FRONT BRAKE DRUMS		
427-001	FRONT BRAKE DUST SHIELDS	5	
409-006	FRONT OIL SEALS		
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
536-104	DUAL POWER STEERING GEARS, BENDIX 16- 20K	80	
534-003	4 QUART POWER STEERING RESERVOIR	5	
533-001	OIL/AIR POWER STEERING COOLER	5	
40T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT AXLE LUBE		
Front Suspension			
620-006	20,000# FLAT LEAF FRONT SUSPENSION	250	
619-002	THREADED SPRING PINS AND BUSHINGS - FRONT SUSPENSION		
410-001	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			
420-022	MERITOR RS-26-185 26,000# T-SERIES SINGLE REAR AXLE		-425
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS		30
421-563	5.63 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	-60	-60
388-998	NO INTERAXLE (#3) DRIVELINE		

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Data Code	Description	Weight Front	Weight Rear
452-001	DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE		20
878-018	(1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE		
87B-008	INDICATOR LIGHT FOR EACH DIFFERENTIAL LOCKOUT SWITCH		
423-039	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR HEAVY DUTY BRAKE AND SHOES		40
433-002	NON-ASBESTOS REAR BRAKE LINING		
434-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)		
425-002	REAR BRAKE DUST SHIELDS		5
440-006	REAR OIL SEALS		
426-100	WABCO TRISTOP D LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		-20
428-031	HALDEX AUTOMATIC REAR SLACK ADJUSTERS WITH STAINLESS STEEL CLEVIS PINS		
41T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE		
42T-001	STANDARD REAR AXLE BREATHER(S)		
Rear Suspension			
622-1DF	30,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD		200
621-108	9.5 INCH NOMINAL RIDE HEIGHT (460MM GLOBAL REFERENCE HEIGHT)		
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
623-005	FORE/AFT CONTROL RODS		
439-998	NO REAR SHOCK ABSORBERS		-30
Pusher / Tag Equipment			
429-998	NO PUSHER/TAG BRAKE DUST SHIELDS		
Brake System			
490-1AU	WABCO 4S/4M ABS WITH TRACTION CONTROL WITH ATC SHUT OFF SWITCH		
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
480-088	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER		
483-004	WABCO OIL COALESCING FILTER FOR AIR DRYER		
479-005	AIR DRYER MOUNTED INBOARD ON RH RAIL		
460-019	ALUMINUM AIR BRAKE RESERVOIRS MOUNTED INSIDE RAILS	-10	-15

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Data Code	Description	Weight Front	Weight Rear
477-019	BW DV-2 AUTO DRAIN VALVE WITH HEATER TO WET TANK; DRAIN VALVE CABLES ON ALL OTHER TANKS		
Trailer Connections			
914-025	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND DUST COVERS		
296-010	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION		
303-026	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE TEMPORARY TIED & COILED IN CHASSIS END OF FRAME WITH 2' ADDITIONAL; NO BRACKETS		
30K-063	150 AMP SERVICE FOR BODY BUILDER INSTALLED COMPONENTS MOUNTED BETWEEN SEATS		
310-998	NO TRAILER ELECTRICAL CABLE	-10	
Wheelbase & Frame			
545-089	4240MM (167 INCH) WHEELBASE, SFA ONLY		
546-106	13.0MM X 87.0MM X 311.0MM STEEL FRAME (0.51X3.43X12.24 INCH) 120 KSI	-110	460
552-037	1775MM (70 INCH) REAR FRAME OVERHANG		
55W-006	FRAME OVERHANG RANGE: 61 INCH TO 70 INCH	-30	90
549-044	20 INCH INTEGRAL FRONT FRAME EXTENSION	100	
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 85.43 in		
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 285.43 in		
ZF1-99D	FRAME HEIGHT TOP FRONT UNLADEN : 45.07 in		
ZF2-99D	FRAME HEIGHT TOP FRONT LADEN : 40.7 in		
ZF3-99D	FRAME HEIGHT TOP REAR UNLADEN : 43.8 in		
ZF4-99D	FRAME HEIGHT TOP REAR LADEN : 40.88 in		
553-001	SQUARE END OF FRAME		
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
561-015	STANDARD CAST ALUMINUM CROSSMEMBER BACK OF TRANSMISSION	-15	
562-063	STANDARD CAST ALUMINUM MIDSHIP		
572-078	HEAVY DUTY REAR C-CHANNEL CROSSMEMBER, NON-TOWING		70
565-001	STANDARD SUSPENSION CROSSMEMBER		20
568-015	HEAVY DUTY REAR SUSPENSION CROSSMEMBER		30
Chassis Equipment			
025-001	UNPOLISHED ALUMINUM WST EQUIPMENT COVERS		

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Data Code	Description	Weight Front	Weight Rear
556-997	OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT COMPLY WITH FMCSR 393.203	-60	
558-998	NO FRONT TOW HOOKS	-15	
574-998	NO LICENSE PLATE MOUNTING		
551-034	CLASS 10.9 THREADED METRIC FASTENERS		
44Z-005	EXTERIOR HARNESES WRAPPED IN ABRASION TAPE, SECONDARY COVERING, & CONNECTOR PROTECTION		
Fuel Tanks			
204-152	70 GALLON/264 LITER ALUMINUM FUEL TANK - LH	-30	-10
218-006	25 INCH DIAMETER FUEL TANK(S)		
215-007	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH POLISHED STAINLESS STEEL BANDS		
212-007	FUEL TANK(S) FORWARD		
664-001	PLAIN STEP FINISH		
205-002	CHROME FUEL TANK CAP(S)		
216-020	EQUIFLO INBOARD FUEL SYSTEM		
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires			
093-2CC	MICHELIN XZU-S2 315/80R22.5 20 PLY RADIAL FRONT TIRES	100	
094-17X	MICHELIN X MULTI D+ 11R22.5 16 PLY RADIAL REAR TIRES		60
Wheels			
502-664	ALCOA ULTRA ONE 89U63X 22.5X9.00 10-HUB PILOT 3.12 INSET 10-HD ALUMINUM FRONT WHEELS	-44	
505-766	ALCOA ULA18X 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS		-124
496-011	FRONT WHEEL MOUNTING NUTS		
497-011	REAR WHEEL MOUNTING NUTS		
Cab Exterior			
829-053	111.6 INCH BBC CONVENTIONAL ALUMINUM CAB		
82A-028	STAINLESS STEEL CAB ACCENT MOLDING		
667-001	FRONT FENDERS		
754-017	BOLT-ON MOLDED FLEXIBLE FENDER EXTENSIONS	10	
678-066	INTERIOR GRAB HANDLES WITH ADDED LOWER LH AND RH A PILLAR GRAB HANDLES AND LH AND RH EXTERIOR NON-SLIP GRAB HANDLES		

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Data Code	Description	Weight Front	Weight Rear
65X-010	BRIGHT HOOD MOUNTED AIR INTAKE GRILLE, BLACK SCREEN, WITH LED ACCENT LIGHTS		
640-016	X-SERIES STEEL REINFORCED ALUMINUM CAB		
644-048	X-SERIES VOCATIONAL HOOD		
67U-001	HOOD OPENING ASSIST WITH LOCKING STRUT		
652-016	WESTERN STAR NAMEPLATES		
727-1AY	SINGLE AIR HORN UNDER LH DECK	-4	
726-001	SINGLE ELECTRIC HORN		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
312-095	DUAL STAGE INTELLIGENT LED HEADLIGHTS WITH HEATED LENS SYSTEM		
302-073	VISOR MOUNTED LED MARKER LIGHTS		
314-823	WIRING AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LAMPS WITH SINGLE CONNECTION AT LH FORWARD		
311-001	DAYTIME RUNNING LIGHTS		
294-1AY	INTEGRAL LED STOP/TAIL/BACKUP LIGHTS		
300-043	LED SIDE TURN SIGNAL		
744-106	C-BAR MIRROR SYSTEM WITH DUAL HEATED MIRRORS WITH INTEGRAL HEATED CONVEX, DUAL REMOTE, STAINLESS STEEL BACK COVER, AND BLACK C-BAR		
796-001	102 INCH EQUIPMENT WIDTH		
743-209	LH AND RH CONVEX MIRRORS INTEGRAL WITH PRIMARY MIRRORS		
74A-001	RH DOWN VIEW MIRROR		
74B-113	RH AND LH HEATED BLACK HOOD/FENDER MOUNTED SIDE VIEW MIRRORS WITH BLACK MOUNTING ARM	8	
729-001	STANDARD SIDE/REAR REFLECTORS		
677-098	UNPOLISHED ALUMINUM WST AFTERTREATMENT SYSTEM COVER		
776-998	NO SLEEPER VENT	-10	
764-020	STAINLESS STEEL EXTERIOR SUN VISOR WITH INTEGRAL MARKER LIGHTS	16	
768-064	SINGLE SOLAR TINTED REAR WINDOW, (1) 31 INCH X 20 INCH	-10	
* 663-999	CUSTOM WINDSHIELD GLASS 1 PIECE HEATED WINDSHIELD (SUBJECT TO AVAILABILITY AT TIME OF BUILD)		
659-006	8 LITER (2 GAL) WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITH FLUID LEVEL INDICATOR		

Cab Interior

055-015	X-SERIES BASE INTERIOR TRIM LEVEL PACKAGE
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Data Code	Description	Weight Front	Weight Rear
707-1C3	CHARCOAL BLACK VINYL BASE LEVEL INTERIOR		
70K-016	CARBON WITH BASE BLACK ACCENT		
772-001	BLACK MATS		
785-014	(2) DASH MOUNTED POWER OUTLETS AND COIN TRAY		
691-001	FORWARD ROOF MOUNTED CONSOLE		
693-019	LH AND RH DOOR STORAGE POCKETS INTEGRATED INTO MOLDED DOOR PANELS		
741-015	(2) COAT HOOKS ON BACKWALL OF CAB		
745-998	NO UPPER BUNK	-50	-50
738-021	DIGITAL ALARM CLOCK IN DRIVER DISPLAY		
170-015	STANDARD HEATER PLUMBING		
698-001	RADIATOR MOUNTED AIR CONDITIONER CONDENSER		
739-034	PREMIUM INSULATION		
324-1B2	PREMIUM LED CAB LIGHTING		
787-998	NO SECURITY DEVICE		
657-145	ALL UNIT (S) KEYED ALIKE WITH CUSTOMER SPECIFIED KEY NUMBER FT1089		
78G-004	KEY QUANTITY OF 4		
655-028	LH AND RH ELECTRIC DOOR LOCKS WITH AUTO UNLOCK FEATURE WHEN DOOR IS SET FROM OPEN TO CLOSED POSITION		
64C-003	BLACK DOOR HANDLES		
740-998	NO MATTRESS	-20	-15
756-1J6	PREMIUM 2.0 HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 2 AIR LUMBAR, INTEGRATED CUSHION EXTENSION, TILT AND ADJUSTABLE SHOCK	20	
760-294	BATTERY BOX MID BACK NON SUSPENSION PASSENGER SEAT		
759-007	DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS		
758-014	BLACK CORDURA PLUS CLOTH DRIVER SEAT COVER		
761-138	BLACK MORDURA CLOTH PASSENGER SEAT COVER WITH NO LOGO		
763-1AA	3 POINT ADJUSTABLE D-RING RETRACTOR DRIVER AND FIXED D-RING RETRACTOR PASSENGER SEAT BELTS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN		
540-044	4-SPOKE 18 INCH (450MM) BLACK STEERING WHEEL WITH SWITCHES		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		

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Data Code	Description	Weight Front	Weight Rear
Instruments & Controls			
185-004	STANDARD FOOT PEDAL SYSTEM		
106-002	ELECTRONIC ACCELERATOR CONTROL		
87L-003	ENGINE REMOTE INTERFACE WITH PARK BRAKE AND NEUTRAL INTERLOCKS		
870-001	BLACK GAUGE BEZELS		
734-018	STANDARD CENTER INSTRUMENT PANEL		
840-001	DUAL NEEDLE PRIMARY AND SECONDARY AIR PRESSURE GAUGE		
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS		
721-021	87 DB TO 112 DB SELF-ADJUSTING BACKUP ALARM		3
149-015	ELECTRONIC CRUISE CONTROL WITH CONTROLS ON STEERING WHEEL SPOKES		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
339-007	AUXILIARY POWER DISTRIBUTION MODULE FOR TEM USE, AUXILIARY EVault MOUNTED, CIRCUIT BREAKER PROTECTED		
811-044	PREMIUM INSTRUMENT CLUSTER WITH 5.0 INCH TFT COLOR DISPLAY		
81B-003	DIGITAL PANEL LAMP DIMMER SWITCH IN DRIVER DISPLAY		
160-045	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR WITH DUST CAP LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
148-072	ENGINE REMOTE INTERFACE WITH ONE OR MORE SET SPEEDS		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
854-998	NO ENGINE OIL TEMPERATURE GAUGE		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
867-004	ELECTRONIC OUTSIDE TEMPERATURE SENSOR DISPLAY IN DRIVER MESSAGE CENTER		
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
372-123	PTO CONTROLS FOR ENHANCED VEHICLE ELECTRIC/ELECTRONIC ARCHITECTURE		
736-998	NO OBSTACLE DETECTION SYSTEM		
72J-998	NO DR ASSIST SYSTEM		
49B-998	NO VEHICLE STABILITY ADVISOR OR CONTROL		

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Data Code	Description	Weight Front	Weight Rear
73B-998	NO LANE DEPARTURE WARNING SYSTEM		
35M-012	1 QUIKFIT PROGRAMABLE MODULE (QPMXMC) W/ (8) 20AMP FUSED RELAYS		
786-113	GENERIC TELEMATICS PREWIRE (CONSTANT BATTERY POWER/IGNITION/GROUND/J1939); RP1226 TYPE CONNECTOR AT PASSENGER SIDE OF DASH		
6TS-005	TMC RP1226 ACCESSORY CONNECTOR LOCATED BEHIND PASSENGER SIDE REMOVEABLE DASH PANEL		
746-143	7" B-PANEL INTERACTIVE TOUCHSCREEN DISPLAY RADIO W/ USB-C, APPLE CARPLAY, ANDROID AUTO, BLUETOOTH/AM/FM/SXM/WB, WITH MICROPHONE		
747-001	DASH MOUNTED RADIO		
750-041	STANDARD SPEAKER SYSTEM		
753-998	NO AM/FM RADIO ANTENNA		
748-006	POWER AND GROUND WIRING PROVISION OVERHEAD		
749-001	ROOF/OVERHEAD CONSOLE CB RADIO PROVISION		
751-001	SINGLE REMOTE SPEAKER WITH LEAD FOR 2- WAY RADIO		
752-004	SINGLE FIBERGLASS LH MIRROR MOUNTED CB ANTENNA WITH BRACKET AND LEAD		
75W-001	HEADLINER MULTI-BAND ANTENNA: AM/FM/WEATHERBAND, WIFI/BLUETOOTH, GNSS/GPS		
78C-003	INTEROPERABLE SDAR ANTENNA		
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
812-032	ELECTRONIC 2500 RPM TACHOMETER		
813-1C8	DETROIT CONNECT PLATFORM HARDWARE CTP3		
8D1-315	5 YEARS DAIMLER CONNECTIVITY BASE PACKAGE (FEATURES VARY BY MODEL) POWERED BY DETROIT CONNECT ON CUMMINS ENGINES		
8DE-998	NO ASE DATA SVCE EXTENSION		
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
329-129	FOUR EXTRA HARDWIRED SWITCHES IN DASH, ROUTE TO UNDER CAB, BLUNTCUT		
4C1-025	HARDWIRE SWITCH #1, ON/OFF LATCHING, 20 AMPS IGNITION POWER		
4C2-011	HARDWIRE SWITCH #2, ON/OFF LATCHING, 30 AMPS IGNITION POWER		
4C3-017	HARDWIRE SWITCH #3, ON/OFF LATCHING, 10 AMPS BATTERY POWER		

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Data Code	Description	Weight Front	Weight Rear
4C4-016	HARDWIRE SWITCH #4, ON/OFF LATCHING, 20 AMPS IGNITION POWER		
81Y-005	PRE-TRIP INSPECTION FEATURE FOR EXTERIOR LAMPS ONLY		
482-001	BW TRACTOR PROTECTION VALVE		
883-001	TRAILER HAND CONTROL BRAKE VALVE	2	
842-006	DIGITAL TURBO AIR PRESSURE IN DRIVER DISPLAY		
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
304-030	ROTARY HEADLAMP SWITCH, MARKER LIGHTS/HEADLIGHTS SWITCH WITH PULL OUT FOR OPTIONAL FOG/ROAD LAMPS		
882-021	TWO VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR		
299-020	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, HEADLAMP FLASH, WASH/WIPE/INTERMITTENT		
48H-002	QUICKFIT POWERTRAIN INTERFACE CONNECTOR LOCATED BETWEEN SEATS WITH BLUNTCUTS		
48C-002	QUICKFIT PROGRAMMABLE INTERFACE CONNECTOR(S) BETWEEN SEATS WITH BLUNTCUTS		

Design

065-000 PAINT: ONE SOLID COLOR

Color

980-5F6 CAB COLOR A: L0006EY WHITE ELITE EY
 986-020 BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT

Extended Front Axle Coverage

WA4-035 AXLE: DETROIT FRONT ONLY: HD MODERATE 5 YEARS/100,000 MILES/161,000 KM EXTENDED AXLE COVERAGE

Certification / Compliance

996-001 U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS

TOTAL VEHICLE SUMMARY

Weight Summary

	Weight Front	Weight Rear	Total Weight
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Application Version 12.0.009
 Data Version PRL-29X.011
 WSTR 47X ODOT 023-24
 BEACHWOOD

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Factory Weight ⁺	7840 lbs	7144 lbs	14984 lbs
Total Weight ⁺	7840 lbs	7144 lbs	14984 lbs

Extended Warranty

WAI-47H	CUM 2017 L9: HD1 MD DTY 5 YEARS / 100,000 MILES / 161,000 KM EXTENDED WARRANTY. FEX APPLIES
WBB-338	TC4: US HD STANDARD/MODERATE VOCATIONAL 5 YEARS/100,000 MILES/161,000 KM EXTENDED TRUCK COVERAGE
WAL-217	AXLE: NON-DETROIT SINGLE REAR ONLY: HD MODERATE 5 YEARS/100,000 MILES/161,000 KM EXTENDED COVERAGE

(+) Weights shown are estimates only.

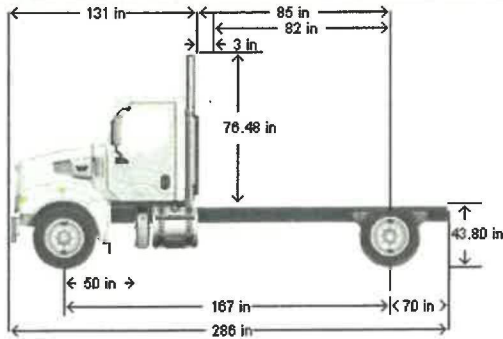
If weight is critical, contact Customer Application Engineering.

(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.

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DIMENSIONS



VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Model	47X
Wheelbase (545)	4240MM (167 INCH) WHEELBASE, SFA ONLY
Rear Frame Overhang (552)	1775MM (70 INCH) REAR FRAME OVERHANG
Fifth Wheel (578)	NO FIFTH WHEEL
Mounting Location (577)	NO FIFTH WHEEL LOCATION
Maximum Forward Position (in)	0
Maximum Rearward Position (in)	0
Amount of Slide Travel (in)	0
Slide Increment (in)	0
Desired Slide Position (in)	0.0
Cab Size (829)	111.6 INCH BBC CONVENTIONAL ALUMINUM CAB
Sleeper (682)	NO SLEEPER BOX/SLEEPER/CAB
Exhaust System (016)	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE

TABLE SUMMARY - DIMENSIONS

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Dimensions	Inches
Bumper to Back of Cab (BBC)	131.1
Bumper to Centerline of Front Axle (BA)	49.6
Front Axle to Back of Cab (AC)	81.5
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	85.4
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	82.4
Back of Cab Protrusions (Exhaust/Intake) (CP)	2.0
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	3.0
Back of Cab to End of Frame	155.3
Cab Height (CH)	76.5
Wheelbase (WB)	166.9
Frame Overhang (OH)	69.9
Overall Frame Length	285.4
Overall Length (OAL)	286.4
Rear Axle Spacing	0.0
Unladen Frame Height at Centerline of Rear Axle	43.8

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

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QUOTATION

WESTERN STAR 47X

SET FORWARD AXLE - TRUCK
CUM L9 360 HP @ 2200 RPM; 2200 GOV RPM, 1150 LB-
FT @ 1200 RPM
ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH
PTO PROVISION
MERITOR RS-26-185 26,000# T-SERIES SINGLE REAR
AXLE
30,000# FLAT LEAF SPRING REAR SUSPENSION WITH
HELPER AND RADIUS ROD

DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP
SINGLE FRONT AXLE
20,000# FLAT LEAF FRONT SUSPENSION
111.6 INCH BBC CONVENTIONAL ALUMINUM CAB
4240MM (167 INCH) WHEELBASE, SFA ONLY
13.0MM X 87.0MM X 311.0MM STEEL FRAME
(0.51X3.43X12.24 INCH) 120 KSI
1775MM (70 INCH) REAR FRAME OVERHANG

		PER UNIT	TOTAL
VEHICLE PRICE	TOTAL # OF UNITS (1)	\$ 133,611	\$ 133,611
EXTENDED WARRANTY		\$ 4,845	\$ 4,845
DEALER INSTALLED OPTIONS		\$ 0	\$ 0
CUSTOMER PRICE BEFORE TAX		\$ 138,456	\$ 138,456

TAXES AND FEES

TAXES AND FEES	\$ 0	\$ 0
OTHER CHARGES	\$ 0	\$ 0

TRADE-IN

TRADE-IN ALLOWANCE	\$ (0)	\$ (0)
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BALANCE DUE	(LOCAL CURRENCY)	\$ 138,456	\$ 138,456
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The proposed vehicle/vehicles may or may not be available with a variety of safety and collision mitigation options in which the specifications will identify if it/they are included. If this is an order, please consult with your bodybuilder to ensure the specification includes all dimensions, ratings, and necessary chassis components for their installed equipment. All specifications and pricing are subject to final production, engineering review, availability, and Mfg. surcharges. Vehicle/Chassis is proposed under Ohio Department of Transportation contract 023-24 cooperative pricing. Pricing is valid for Ohio municipal purchases and eligibility coincides with contract terms and dates. It is the responsibility of the purchasing entity to determine eligibility and request any permission of cooperative purchasing. Invoicing will occur upon delivery of the bare chassis to the customer or at the location of the customer choice within Ohio borders. Payment is due upon receipt of the invoice. Titles will be transferred and delivered promptly upon receipt of payment. A purchase order to this proposal thereby agrees to the pricing, specifications, and terms herein, and the cooperative contract unless other arrangements are agreed upon but does not guarantee production.

APPROVAL:

Please indicate your acceptance of this quotation by signing below:

Customer: X _____ Date: ____ / ____ / ____.

Prepared for:
Dan Chicchella
BEACHWOOD CITY OF
23355 Mercantile Rd
Beachwood, OH 44122
Phone: 2162921495

Prepared by:
Greg Simonic
VALLEY FREIGHTLINER, INC.
10901 Brookpark Rd
Parma, OH 44130
Phone: 216-267-4800



OHIO DEPARTMENT OF TRANSPORTATION

CENTRAL OFFICE · 1980 WEST BROAD STREET · COLUMBUS, OH 43223
MIKE DEWINE, GOVERNOR · JACK MARCHBANKS, PH.D., DIRECTOR

October 16, 2023

Valley Freightliner Sterling and Western Star, Inc.
10901 Brook Park Rd.
Parma, OH 44130

Re: 023-24
Single & Tandem Axle Cab and Chassis

Dear Vendor:

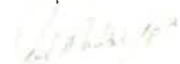
Your bid proposal as submitted has been accepted by the Ohio Department of Transportation.

This Invitation permits multiple awarded vendors to provide Single & Tandem Axle Cab and Chassis.
The contract will be in effect from October 16, 2023 to October 31, 2024.

A purchase shall only take place upon the issuance of an official purchase order or the use of a payment card. There is no guarantee that purchase orders will be issued or that products will be ordered against issued purchase orders.

Thank you for bidding on our invitation. Todd VanKirk is available for any assistance necessary to ensure that a quality partnership exists between your company and our Department. If you have any questions, please call (614) 466-3209.

Respectfully,


Jack Marchbanks, Ph.D.
Director
Ohio Department of Transportation



Quote 90182

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8200 Tyler Blvd. Suite H, Mentor, OH 44060
PHONE: (440) 357-5344 FAX: (440) 357-1942
concordroadequipment.com

Submitted To: BEACHWOOD, CITY OF 25325 FAIRMOUNT BLVD BEACHWOOD, OH 44122	Date: 10/16/2024 End User: SERVICE DEPARTMENT Attention: DAN CICHELLA Delivery: SEE BELOW DELIVERY NOTES County: CUYAHOGA Acct Mgr: JEFFERY S. WARFIELD
Phone: (216) 292-1495 Fax: (216) 595-3736	

PER OHIO DEPARTMENT ADMINISTRATIVE SERVICES (DAS) STATE TERM SCHEDULE (STS)

INDEX NO. STS515

SCHEDULE NO. 800925

One (1) Each More or Less- Concord Road Equipment Mfg., LLC Dump Body/Snow and Ice Control Equipment Package Installed on Customer Supplied Single Axle Class 8 Cab & Chassis to include the following.

CONCORD "PATRIOT SDS" SERIES DUMP BODY AND HOIST

General

- 304-2B stainless steel Construction
- 10 foot inside length
- 84 inch inside width
- 96 inch outside width
- 6.5 – 8.2 struck cubic yard capacity

Dump Body Sides

- 30-inch-tall (inside floor to top of tailgate) 7 gauge 304-2B stainless steel sides
- Fully boxed dirt shedding top rails
- Integral dirt shedding sloped lower rub rails
- Integral full length formed horizontal intermediate bracing
- Front body corner brace
- Full depth rear corner pillar with dirt shedding top cap

Dump Body Tailgate

- 38 inch-tall (inside floor to top of tailgate) 7 gauge 304-2B stainless steel tailgate
- Six (6) panel style bracing
- Fully boxed perimeter with dirt shedding top and bottom rails
- One (1) intermediate dirt shedding horizontal rail
- Two (2) intermediate vertical rails
- Heavy-duty 1-inch-thick stainless steel "off-set flared plate" upper offset hinge hardware
- 1-1/2-inch diameter stainless steel upper tailgate pins with grease zerks
- Heavy-duty 1-inch-thick stainless steel "plate" lower latching fingers
- 1-1/2-inch diameter stainless steel lower tailgate latching pins
- Air operated release mechanism with cylinder located vertically in rear dump body corner post
- Lifting ring, stainless steel-top center of tailgate

Dump Body Bulkhead

- 7 gauge 304-2B stainless steel front bulkhead
- Three (3) bend formed horizontal top rail
- One (1) additional horizontal intermediate bracing

Dump Body Floor & Understructure

- Crossmemberless western style "smooth bottom" understructure
- Single one (1) piece "Tub" design constructed of 1/4-inch thick AR400 abrasion/impact resistant steel

\$144,622.46
x 2
\$289,244.92

QUOTE CONTINUED ON NEXT PAGE



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QUOTE CONTINUED FROM PREVIOUS PAGE

- ¼-inch stainless steel plate BOXED TRAPEZOIDAL TUBULAR longitudinals

Dump Body Hoist

- Class 60 Under body scissors hoist
- 8-inch bore x 23.625 stroke cylinder
- Double acting power up and power down
- Rated at 20.8-ton dumping capacity
- 50-degree dump angle in this configuration
- Heavy-duty greaseable rear hinge assembly with removable hinge pin
- One (1) safety body prop

Dump Body Cab Shield

- 24-inch 7 gauge 304-2B stainless steel
- Load bearing type
- Fully welded to front body bulkhead interior
- Provisions for mounting forward and side facing warning lamps
- Provisions for mounting forward FMVSS108 marker lamps

Body Passivation

- All dump body stainless steel welds to receive "chemical passivation" to remove free iron surface contamination and to promote the formation of chromium-nickel oxide protective barrier
- Dump body exterior left in natural 2B stainless steel finish

CHASSIS AND DUMP BODY RELATED COMPONENTS

Rear Chassis Pintle Tow

- Rear chassis frame-mounted 1-inch-thick pintle plate
- Dove tail full depth style enclosing rear frame rails and dropping below to provide correct mounting height of pintle
- 55 degree offset lashing safety D-rings
- 30-ton swivel type pintle hook

Rear Fenders

- Poly fenders over rear chassis tires
- Fenders to be "BLUE" in color
- Fenders mounted using heavy duty stainless steel "offset" mounting hardware

Mud Flaps & Brackets

- Rear stainless steel ½ shields behind rear tires
- Rear mud flaps with stainless steel mounting hardware behind rear tires

Dump Body Mounted Inspection Steps

- Two (2) dump body mounted steps, stainless steel grip strut style
- Steps mounted to dump body side, one above the other
- Grab assist handles, stainless steel, one (1) each fore/aft of body mounted steps

Mounted Inspection Ladder

- One three (3) step fold-up stow-away

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QUOTE CONTINUED FROM PREVIOUS PAGE

- Installed street side below dump body mounted steps
- All stainless-steel construction
- Grip strut style rungs

Folding Footstep

- One (1) folding footstep, Buyers Products #5236586 with integral grab handle and zinc plated finish
- Step includes stainless steel spring that keeps step in the folded
- "Closed" or "Open" position
- Step to be installed drivers' side front bulkhead corner of dump body
- Height of step location to be approximately equal the height of chassis cab step to allow operator to partially exit chassis cab and view inside of dump body

Dump Body Vibrator

- 12-volt dc
- Mounted underside of dump body from heavy duty steel mounting plate
- Includes safety break-away chain
- Includes hi-amp circuit breaker
- In chassis cab momentary on/off push button activation switch

Hardwood sideboards

- Nominal 2 inches thick by 8 inches tall
- Painted natural clear coat
- Installed on top of body sides in front and rear corner sideboard pockets

Tailgate Lifting Ring

- Stainless steel construction
- Mounted center upper rail of tailgate

Tarping System

- None Included

Tarp Tie Down Rails

- None Included

Catwalk Rails

- Constructed of stainless-steel grip strut style material
- Rails installed on stainless steel brackets attached to lower sloping rub rails of dump body

Rear Dump Body Corner Post Lamp Boxes

Whelen 700 series stainless steel lamp boxes recess installed in rear corner post of dump body, one (1) streetside x one (1) curbside

- Boxes constructed of stainless steel
- Each box to allow installation of Whelen 700 series stop/tail/turn, backup, and rear warning lamps

Tool/Shovel Holder

- None Included

Conspicuity Tape System

- Alternating red and white reflective
- Tailgate perimeter bracing

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CENTRAL HYDRAULIC SYSTEM

Power Take-off and Hydraulic Pump

- Transmission mounted 12 volt actuated hot shift power take off
- 17 gallon per minute gear style positive displacement hydraulic pump
- For ease of maintenance, hydraulic pump mounted to hotshift PTO via sealed and pressure lubricated PTO extension shaft housing
- PTO on/off switch to be clearly identified, located within easy reach and view of operator

Hydraulic Directional Control Valve

- Three (3) section hydraulic directional control valve rated @ nominal working flow of 34 gpm and maximum flow of 55 gpm
- Valve adjustable relief set at 2,000 psi and rated for maximum of 5,440 psi
- Valve dump body hoist power down port set at 500-750 psi max
- All valve work ports SAE O-ring type
- Valve to operate double acting dump body hoist, double acting snowplow lift ram, and double acting snowplow power angling
- Valve to include high pressure power beyond outlet to provide pressurized oil to separate spreader control system manifold valve assembly
- Valve remote mounted in combination hydraulic oil reservoir/valve enclosure

Operators and Hydraulic Directional Valve Controls

- Valve sections shifted via spool mounted air shift solenoids
- Three (3) in cab air controllers to operate double acting dump body hoist, double acting plow lift, and double acting plow power angle functions mounted in a dual axis stand
- Dump body hoist controller locking type to prevent accidental operation
- Color coded airlines with push lock couplers between in cab operators air controllers and valve mounted air shift solenoids
- In chassis cab operator's dual axis stand mounted to chassis floor mounted reinforcement plate
- Air control system includes tractor air protection valve and adjustable finite filter/regulator assembly
- Tractor air protection valve direct mounted in chassis air tank
- For ease of access, finite filter/regulator assembly mounted in combination hydraulic oil reservoir/valve enclosure

Electronic Granular Materials Spreader Controller

- Muncie MESP300 series electronic spreader control package
- System to operate granular materials insert hopper spreader with single auger delivery system and broadcast spinner
- System capable of manual, ground speed trigger, or ground speed orientation modes of control
- System includes in chassis cab mounted operators dual circuit spreader electronic operator's controller and remote mounted manifold valve
- In cab operator's controller includes soft touch light paddle switches that are lit green when system is in auto mode and red when system is in manual mode
- In cab operator's controller also includes system "pause" and system "blast" features

Hydraulic Oil Reservoir/Combo Valve Enclosure

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QUOTE CONTINUED FROM PREVIOUS PAGE

- Stainless steel chassis frame mounted combination hydraulic oil reservoir/valve enclosure
- Thirty (35) gallon capacity
- Cylindrical design for shedding of debris
- Hinged cover for ease of access to hydraulic system valving
- 8-inch diameter rear cleanout reservoir access cover
- Filler breather cap
- Sight level/temperature gauge
- Magnetic drain plug
- 100-micron suction port strainer
- Suction port system service ball valve
- Powder coated steel reservoir mounting brackets
- 10-micron spin on replaceable oil filter with condition indicator
- Analog hydraulic pressure gauge (hydraulic valve port mounted)

Automatic Low Hydraulic Oil Shut Down System

- Interrupts hot shift PTO operation in the event of low hydraulic oil
- Hydraulic reservoir mounted oil level sensor
- In-cab indicator lamp and warning buzzer
- Momentary system operators override switch to allow emergency stowing of deployed equipment when necessary
- Low oil override switch to be clearly identified, located within easy reach and view of operator

Hydraulic Plumbing and Miscellaneous Related

- Four (4) high pressure stainless steel rigid intermediate tubes to rear of chassis for spreader auger/spinner hydraulic pressure and return flows
- Four (4) high pressure stainless steel rigid intermediate tubes to front of chassis for snowplow lift cylinder and power angling circuits
- Short high pressure flexible hydraulic hoses between work ports and both ends of each high-pressure stainless steel rigid tubes
- Stainless steel industrial poppet type quick couplers, four (4) at the rear of chassis for spreader connections and two (2) at front of chassis for snowplow power angling connections
- All hydraulic plumbing rigid tubing and hydraulic hoses assemblies guarded or shielded where sharp edges or intense heat is present
- All hydraulic plumbing rigid tubing and hydraulic hoses assemblies clamped, bracketed, and or tied every 24 inches
- All hydraulic system returns flow circuits to enter a stainless-steel return line manifold assembly and exit manifold one (1) common return line direct to inlet of hydraulic oil return filter head
- Hydraulic oil reservoir filled with AW32 non foaming low temperature hydraulic oil
- Hydraulic system will be fully adjusted, tested, and operational upon delivery

BASE ELECTRICAL SYSTEM

In Cab Power Distribution

- All components mounted to aluminum distribution panel

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QUOTE CONTINUED FROM PREVIOUS PAGE

- As required, the power distribution panel to include all necessary relays, circuit breakers, terminal strips, etc.
- Power distribution panel includes a clear poly cover and color-coded circuit diagram affixed for quick referencing of all body related electrical circuitry

Dump Body Lighting-FMVSS108

- All LED type lamps
- Two (2) recessed Red LED marker lamps in lower rear apron/bolster of dump body
- Two (2) recessed Red LED marker lamps side facing in lower rear corner post of dump body
- Two (2) recessed Red LED clearance lamps rear facing in upper rear corner post of dump body
- Three (3) recessed Red LED center identification lamps center rear of dump body
- Two (2) recessed Amber clearance LED forward facing cabshield assembly
- Rear license plate light

Warning Light System-Whelen

- Whelen SYS704-D
- One (1) Whelen 700 series recessed AMBER warning lamp, curb side dump body rear corner post stainless steel lamp box
- One (1) Whelen 700 series recessed GREEN warning lamp, curb side dump body rear corner post stainless steel lamp box
- One (1) Whelen L31HAF 360- degree AMBER, below and center of body cabsheild
- Two (2) Whelen 700 series recessed Red LED stop, tail and turn lamps, one (1) each street and curb side dump body rear corner post stainless steel lamp boxes
- Two (2) Whelen 700 series recessed LED Back up lamps, one (1) each street and curb side dump body rear corner post stainless steel lamp boxes

Snowplow Lamps

- Buyers Products #1312200
- "Heated" LED high intensity snowplow lights
- Die cast aluminum housing with tempered glass lens
- Hi beam/Low Beam
- Integral marker and turn signals
- Chassis hood mounted
- Mounted on stainless steel light brackets
- Six (6) pin Deutsch connector

Spinner/Work Lamps

- Two (2)- One (1) each mounted street and curb side rear of dump body
- Heated LED type
- On/off switch to be clearly identified, located within easy reach and view of operator

Rear Vision Camera System

- None Included

Air and Pavement Temperature Sensor

- None Included

Trailer Brake Controller

- Tekonsha 80500 POD series or equal

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QUOTE CONTINUED FROM PREVIOUS PAGE

- Solid state electronic timed controller type
- One and two axle trailers

Dump Body Up Warning

- Remote hoist subframe mounted sealed switch trigger operated
- In chassis cab warning light with alarm

Heated Wiper Blades

- None Included

Base Electrical Components Installation Guidelines

- All required wiring/wiring harnesses covered in abrasive resistant split loom
- All wiring harnesses to be properly secured and shielded from sharp edges and heat
- All required electrical hardware, switches, and sealed connectors
- System fully tested, and operational

CHASSIS MOUNTED SNOWPLOW HITCH & RELATED

Concord Manufactured Titan Series TTN-400CL

- Heavy duty low profile
- CENTER lift cap/ lift cylinder configuration
- Telescopic adjustable lift arm that folds down for storage

Lift Ram

- 4 x 6-inch double acting lift ram
- Nitrated cylinder rod for corrosion protection

H-Frame Mounting

- Chassis specific mounting hitch mounting group
- One (1) piece 5/8-inch-thick steel reinforced side push plates
- Sides plates offset formed for chassis wide frame configuration
- Formed offset side plates include "pass through" gusseting for additional strength
- All grade 8 fasteners with "Stover" type locking nuts

Quick Connect/Disconnect Coupler

- Drop pin QAC style quick attach/detach coupler
- Coupler "pinned on" and removable to allow installation of 2 pin style plow attachment

Heavy Duty Bumper

- Heavy duty formed channel plow hitch mounted bumper
- Two- piece design
- Constructed of ¼ inch steel plate

Paint

- Entire hitch assembly sandblasted to remove mill scale
- Phosphate rinsed
- Powder coated gloss black

GRANULAR MATERIALS ICE CONTROL HOPPER SPREADER

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QUOTE CONTINUED FROM PREVIOUS PAGE

Buyers 14510F573121 Heavy Duty Municipal Hopper Spreader

- 10-foot-long x 82-inch-wide x 57-inch-tall hopper
- Entire hopper and Spinner chute constructed of 10 gauge 304-2B stainless steel construction
- 7.0 struck cubic yard capacity

Auger Delivery System

- Single 7 inch auger flighting
- Auger flighting progressive pitched for even unloading from front of hopper to rear discharge spinner chute
- All auger flighting hard-faced for extended wear/durability
- Hydraulic drive motor direct coupled to auger

Spinner Assembly

- Swing up spinner chute for ease of off-loading and storage
- Spinner assembly includes manual assist winch
- Adjustable height spinner chute extension

Hopper Top Screens and Miscellaneous

- Powder coated four section hinged top screens
- Inverted vee over auger
- Corded rubber side skirts/drapes
- Front ratchet strap tie down kit
- Rear stainless steel latch bar
- GALVANIZED STEEL self-loading /unloading spreader storage stand
- Hydraulic hookup hoses and stainless-steel quick couplers

POWER ANGLING SNOWPLOW

Buyers Super J 42120-CSTE heavy duty snowplow, #1662510301

- 10-foot-long x 42-inch-tall 7 gauge steel moldboard
- Torsion spring safety trip edge
- Full moldboard width structural tubing push frame
- Three position adjustable moldboard pitch/attach angle
- Hydraulic ram reversing with short A-frame
- 4-inch nitrated steel reversing hydraulic rams
- Two chain lift system
- Drop pin style loop coupler on oscillating drive bar
- Storage parking stand
- Hydraulic hoses with stainless steel quick couplers
- Plow end markers

MISCELLANEOUS

- Body Passivation
- All dump body stainless steel welds to receive "chemical passivation" to remove free iron surface contamination and to

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QUOTE CONTINUED FROM PREVIOUS PAGE

promote the formation of chromium-nickel oxide protective barrier

- Dump body exterior left in natural 304-2B stain stainless steel finish
- Spreader hopper and spinner left in natural 304-2B
- Prep and Painting
- Dump body understructure, front and rear chassis mounted hitches, and miscellaneous non-stainless steel powdered coated when applicable or painted with two-part epoxy primer and painted with gloss black paint

YOUR TOTAL NET INSTALLED SINGLE UNIT PRICE \$ 144,622.46

MINIMUM CHASSIS REQUIREMENTS

To allow for proper equipment installation, chassis to have a usable cab to CA (cab to axle) dimension of **84.00 inches; AF of 50.00-60.00 inches; integral front frame extension no less than 14.00-16.00 inches**; provision for transmission mounted "LIVE PTO"; Upfitter provisions including but not limited to electrical circuits including plow lights, trailer tow, body build receptacles (plugs), etc.; CLEAR FRAME FROM BACK OF CHASSIS CAB TO FRONT OF REAR SUSPENSION; STATIONARY HOOD GRILL; Customer to supply OEM chassis specifications for review to ensure compatibility between equipment package and chassis. Discrepancies in the requested minimum chassis requirements may result in additional charges that will require a signed and approved change order quotation prior to commencement of work.

PAYMENT DISCOUNTS

Per our Ohio Department of Administrative Services Contract Schedule #800925, Index #STS515, an additional 0.5% (one-half of one percent) discount is available for payment(s) of invoice(s) within twenty (20) days of receipt. A payment discount will be noted on the invoice(s).

WARRANTY INFORMATION

Concord Road Equipment Mfg., LLC. Truck equipment packages include parts and labor warranty for a total period of FIVE (5) YEARS; first thirty-six (36) months at 100% parts and labor on all workmanship, second twenty-four (24) months at 50% labor only. Other suppliers/component warranties that exceed Concord Road Equipment Mfg., LLC base warranty will remain in effect. All warranty periods begin after completion/delivery of equipment, components, and accessories. When applicable, Concord "Titan" series snowplow hitches carry 100% parts and labor warranty structural components for five (5) years. When applicable, TBEI series dump body hoists have manufacturer warranty coverage - first 36 months at 100% parts and labor. Warranties do not include typically considered wear and maintenance items (such as plow blades, augers, conveyor chains, hydraulic couplers, filters, spinner drive hydraulic motors, spinner disks, chains, sprockets, bearings, etc.); Routine adjustments and calibrations; Abuse, neglect, misuse,

ESTIMATED DELIVERY PERIOD

Based on the date of this proposal, the job completion and corresponding delivery period are projected to be approximately 180-300 days after receipt of the required purchase order(s), letter(s) of intent, letter(s) to proceed, and the arrival of your chassis(s) to Concord Road Equipment Mfg., LLC. This projected job completion and corresponding delivery period is only an estimate and may be shorter or longer by the date that your order is placed, the arrival date of required authorizations, delivery date of your chassis(s) to Concord, and lead times of Concord Road Equipment Mfg., LLC primary suppliers at the time your order is placed. Concord Road Equipment Mfg., LLC is not responsible for delays that are beyond its reasonable effort and capability to control, including but not limited to; primary supplier delays or product shortages, delays in freight, force majeure, including but not limited to 1-acts of God, such as severe acts of nature or weather events including floods, fires, earthquakes,

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Terms: NET 20

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Submitted To: BEACHWOOD, CITY OF 25325 FAIRMOUNT BLVD BEACHWOOD, OH 44122	Date: 10/16/2024 End User: SERVICE DEPARTMENT Attention: DAN CICCHELLA Delivery: SEE BELOW DELIVERY NOTES County: CUYAHOGA
Phone: (216) 292-1495 Fax: (216) 595-3736	Acct Mgr: JEFFERY S. WARFIELD

QUOTE CONTINUED FROM PREVIOUS PAGE

tornados/hurricanes, or explosions; 2- war, acts of terrorism, and epidemics; 3- acts of governmental authorities such as expropriation, condemnation, and changes in laws and regulations; 4- strikes and labor dispute; 5- and unavoidable accidents. Per Concord Road Equipment Mfg., LLC Contract no. 800925 and Schedule no. STS515 with the Ohio Department of Administrative Services, completed deliveries can range from 60-300 days after receipt of customer order (s), and if applicable, after the arrival of your chassis(s) to Concord Road Equipment., LLC.

INSURANCE

Your chassis and/or equipment are insured while in Concord Road Equipment's Mfg., LLC possession. This includes all properties, buildings, lots, etc. A copy of our complete "LIMITED LIABILITY" garage-keepers insurance policy is available upon request.

Authorized by _____

JEFFERY S. WARFIELD

I /We hereby accept the above quotation including all terms and conditions, and place an order for the proposed item(s) on ____/____/____
(today's date) for a total amount of \$_____ (please include selected options, if applicable).

Accepted By _____

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from the above specifications involving extra costs will be executed only upon written orders and will become an extra charge over and above the estimate. All agreements are contingent upon strikes, accidents, or delays beyond our control. Owner is to carry fire, tornado and other necessary insurance. Our workers are fully covered by Worker's Compensation. A 3% surcharge will be added to above total when paying by credit card.



STATE OF OHIO
DEPARTMENT OF ADMINISTRATIVE SERVICES
GENERAL SERVICES DIVISION
OFFICE OF PROCUREMENT SERVICES
4200 SURFACE ROAD, COLUMBUS, OH 43228-1395

S & L GOVERNMENT PRICING SCHEDULE

SCHEDULE NUMBER: 800925

EFFECTIVE DATES: 08/06/2021 TO 05/31/2024

Renewal through 05/31/2026

The Department of Administrative Services has completed the evaluation and analysis of the State Term Schedule (STS) offering submitted by the Contractor as listed herein. The Contractor listed herein has been determined to provide competitive, economical and reasonable pricing for the items contained in their offer. The respective offer, including the Standard Contract Terms & Conditions, any proposal amendment, special contract terms & conditions, specifications, pricing schedules and any attachments incorporated by reference and accepted by DAS become a part of this State Term Schedule.

This State Term Schedule is effective beginning and ending on the dates noted above unless, prior to the expiration date, the Schedule is renewed, terminated, or cancelled in accordance with the Standard Contract Terms and Conditions.

This State Term Schedule is available to all state agencies, state institutions of higher education and political subdivisions properly registered as members of the Cooperative Purchasing Program of the Department of Administration Services, as applicable.

Agencies are eligible to make purchases of the supplies and/or services in any amount and at any time as determined by the agency (see maximum order limit). The State makes no representation or guarantee that agencies will purchase the supplies and/or services approved in the State Term Schedule.

State agencies may make purchases under this State Term Schedule up to \$2500.00 using the state of Ohio payment card. Any purchases that exceed \$2500.00 will be made using the official state of Ohio purchase order (ADM-0523). Any non-state agency, institution of higher education or Cooperative Purchasing member will use forms applicable to their respective agency

This State Term Schedule and any Amendments thereto are available from the DAS website at the following address: <http://procure.ohio.gov>.

CONCORD ROAD EQUIPMENT MANUFACTURING LLC

STATE TERM SCHEDULE

Index No. STS515
Eff. Date 06/01/2024

STATE OF OHIO
DEPARTMENT OF ADMINISTRATIVE SERVICES
GENERAL SERVICES DIVISION
OFFICE OF PROCUREMENT SERVICES
4200 SURFACE ROAD, COLUMBUS, OH 43228-1395

CONTRACTOR, PRICES, TERM SCHEDULE, ETC.

Send Purchase Orders To:	Remit To:	OAKS Contract ID:
0000281034 CONCORD ROAD EQUIPMENT MANUFACTURING LLC 348 Chester St. Painesville, OH 44077		800925

Contractor Contacts:
Mr. Jeffery Warfield
Telephone: (800) 942-7623 x120 Fax: (440) 357-1942 Email: jwarfield@concordroadequipment.com

Delivery: See Notes Section	Terms: 0.5% - 20, Net 30 Days
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Basic Order Limitations (Agencies should contact Procurement Services when they expect to exceed the Maximum Order Limitation.)
Minimum: \$50.00
Maximum: \$250,000.00

APPROVED PRODUCTS/SERVICES: Only those vendors, products, or services as listed in the price pages, approved by the Office of Procurement Services, may be purchased from this State Term Schedule. Any vendors, prices, terms, conditions, products or services not listed in the approve price sheets are outside the scope of this schedule.

MANDATORY USE CONTRACTS: All General Distribution Contracts (GDC), Limited Distribution Contracts (LDC), Multiple Award Contracts (MAC), and Request for Proposals (RFP) take precedence over this State Term Schedule (STS). This STS is only for governmental entities without a mandatory use contract.

EXCLUDED ITEMS: (State Agencies Only) in accordance with the Ohio Revised Code Section 5147.07, 125.60, through 125.6012, 5119.16 and 3304.28 through 3304.33 state agencies are required to purchase through Ohio Penal Industries (OPI); Community Rehabilitation Programs (CRP); Department of Mental Health and Addiction Services and Pharmacy Services (MHAS); and Opportunities for Ohioans with Disabilities (OOD). State agencies must obtain a waiver from OPI, CRP, DMHAS, Pharmacy Services, and/or OOD to procure from this schedule.

SPECIAL NOTE: The state of Ohio including but not limited to its agencies, boards, commissions, departments, state universities, state vocational schools, state community colleges of Ohio, and any entity authorized by law to use this State Term Schedule (STS) is not obligated to procure any products or services from this STS. This STS shall not be construed to prevent the state from purchasing products or services using other procurement methods as authorized by law.

NOTICE TO CONTRACTOR / VENDOR: It is the responsibility of the contractor's contact to maintain this State Term Schedule with current information. All updates i.e., telephone numbers, contact names, email addresses, tax identification number, prices, and catalogs etc., are required to be processed through the formal amendment authorization process which is initiated by way of a written request from the contractor's contact.

UNSPSC CODES (OAKS Category ID) and Item Descriptions:
All purchase orders placed against this contract shall use the following UNSPSC Codes when completing requisitions.
22100000 - Heavy construction machinery and equipment
Aggregate Spreaders, Truck Mounted Spreaders for Aggregate and Ice Control Materials

NOTES:

Delivery: 60 - 300 Days A.R.O./A.R.C. (After Receipt of Chassis) - F.O.B. Destination/Pre-paid/Allowed

Discount Schedule:

2 - 5 Units = Additional 3%

6+ Units = Additional 5%

ePROCUREMENT: This contract will become part of an eProcurement System which will provide electronic contract and catalog hosting and management services. Ordering Agencies will access a web-based site to place orders for the procurement of goods and services using State of Ohio contracts. The Contractor agrees to establish, maintain and support an online contract and catalog.

PROHIBITION OF THE EXPENDITURE OF PUBLIC FUND FOR OFFSHORE SERVICES

No State Cabinet Agency, Board or Commission will enter into any contract to purchase services provided outside of the United States or that allows State data to be sent, taken, accessed, tested, maintained, backed-up, stored, or made available remotely outside (located) of the United States, unless a duly signed waiver from the State has been attained. Notwithstanding any other terms of this Contract, the State reserves the right to recover any funds paid for services the Contractor performs outside of the United States for which it did not receive a waiver. The State does not waive any other rights and remedies provided to the State in the Contract.

Further, no State agency, board, commission, State educational institution, or pension fund will make any purchase from or investment in any Russian institution or company. Notwithstanding any other terms of this Contract, the State reserves the right to recover any funds paid to Contractor for purchases or investments in a Russian institution or company in violation of this paragraph. The provisions of this paragraph will expire when the applicable Executive Order is no longer effective.

The Contractor must complete the Contractor/Subcontractor Affirmation and Disclosure Form affirming the Contractor understands and will meet the requirements of the above prohibition. During the performance of this Contract, if the Contractor changes the location(s) disclosed on the Affirmation and Disclosure Form, Contractor must complete and submit a revised Affirmation and Disclosure Form reflecting such changes.

SUMMARY OF AMENDMENTS

Amendment Number	Revision Date	Description
1	06/01/2024	This Amendment is issued to notify that as a result of mutual renewal between the State and the Contractor, this contract is renewed for an additional 24 months, effective 06/01/2024 through 05/31/2026. This amendment is also issued to include updated language regarding the Prohibition of the Expenditure of Public Funds for Offshore Services and adds the Amendment page to the contract.