APPENDIX D-4 Beneficiary Eligible Mitigation Action Certification

BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

Beneficiary State of Oklahoma	
(Any authorized person with	Act on Behalf of the Beneficiary Oklahoma Department of Environmental Quality delegation of such authority to direct the Trustee delivered to the
Trusiee pursuani io a Deiego	ation of Authority and Certificate of Incumbency)
Action Title:	Oklahoma On-Road Program - Large Trucks
Beneficiary's Project ID:	OK-OnRd-3
Funding Request No.	(sequential)11
Request Type: (select one or more)	■ Reimbursement ■ Advance □ Other (specify):
Payment to be made to: (select one or more)	■ Beneficiary □ Other (specify):
Funding Request & Direction (Attachment A)	■ Attached to this Certification □ To be Provided Separately
	SUMMARY
0	Appendix D-2 item (specify): EMA #1 (large trucks) ☐ Item 10 - DERA Option (5.2.12) (specify and attach DERA Proposal):
	request fits into Beneficiary's Mitigation Plan (5.2.1):
1 -	uss the use of VW Trust funds for the On-Road Program.
This project will replace 40 large duty class 8 truck counties. These 40 vehicles are comprised of 7 R Hauling Trucks (Diesel). Replacing these diesel v	gation Action Item Including Community and Air Quality Benefits (5.2.2): stee currently in service in the Tulsa Metropolitan Statistical Area, Oklahoma City Metropolitan Statistical Area and in high Nox emissions refuse Trucks (5 CNG and 2 Diesel), 8 Concrete Mixers (Diesel), 8 Dump Trucks (4 CNG and 4 Diesel), 14 Freight Trucks (Diesel) and sehicles with newer diesel technology and CNG fuels will reduce localized air pollution in the two largest cities in the state as well as from this project are 115,821 lbs of NOx, 5,643 lbs of PM2.5, and 1,279 short tons of greenhouse gases.
Estimate of Anticipated NOx Expected lifetime NOx reductions from	x Reductions (5.2.3): a this project are 115,821 lbs, according to the Argonne Heavy Duty Vehicle Emissions Calculator.
	tal Entity Responsible for Reviewing and Auditing Expenditures of Eligible Ensure Compliance with Applicable Law (5.2.7.1): Tal Quality
Page 14 of the Oklahoma BMP describes how DE	will make documentation publicly available (5.2.7.2). Q will make information pertinent to the VW Trust publicly available. In addition, Oklahoma DEQ maintains a website which includes shoma VW programs. The Oklahoma VW website is at: https://www.deq.ok.gov/air-quality-division/volkswagen-settlement/. Oklahoma ams.
Describe any cost share requi	irement to be placed on each NOx source proposed to be mitigated (5.2.8).
, , ,	sued by DEQ, each Government project partner was required to pay at least 25% of the project cost for a Government partner was required to pay at least 75% of the project cost for a Diesel or CNG vehicle.

Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9).

more than minimum.

These project partners are a mix of Government and Non-Government entities. All minimum matches were met and some partners provided

Oklahoma DEQ sent notice by USPS and email to the representatives from the U.S. Department of the Interior and the U.S. Department of Agriculture listed in subparagraph 4.2.8 of the State Trust Agreement on February 15, 2018.

If applicable, describe how the mitigation action will mitigate the impacts of NOx emissions on communities that have historically borne a disproportionate share of the adverse impacts of such emissions (5.2.10).

Impact on communities that have historically borne a disproportionate share of the adverse impacts of NOx emissions was one of the metrics by which all project applications for this program were ranked and awarded. Projects which were located along major travel corridors and in large metropolitan areas where the NOx emissions would be the most concentrated were given priority. The project locations covered by this D-4 are in potential ozone nonattainment counties, in counties with a high mobile-source NOx emission ranking for Oklahoma, and in counties containing greater than 1% of the State's registered Volkswagen Settlement Subject Vehicles. These vehicles operate in the urban environment and often in close proximity to neighborhoods. The nature of business for these vehicles puts them in direct contact with communities.

ATTACHMENTS (CHECK BOX IF ATTACHED)

V	Attachment A	Funding Request and Direction.
V	Attachment B	Eligible Mitigation Action Management Plan Including Detailed Budget and Implementation and Expenditures Timeline (5.2.4).
V	Attachment C	Detailed Plan for Reporting on Eligible Mitigation Action Implementation (5.2.11).
2	Attachment D	Detailed cost estimates from selected or potential vendors for each proposed expenditure exceeding \$25,000 (5.2.6). [Attach only if project involves vendor expenditures exceeding \$25,000.]
	Attachment E	DERA Option (5.2.12). [Attach only if using DERA option.]
	Attachment F	Attachment specifying amount of requested funding to be debited against each beneficiary's allocation (5.2.13). [Attach only if this is a joint application involving multiple beneficiaries.]

CERTIFICATIONS

By submitting this application, the Lead Agency makes the following certifications:

- 1. This application is submitted on behalf of Beneficiary State of Oklahoma, and the person executing this certification has authority to make this certification on behalf of the Lead Agency and Beneficiary, pursuant to the Certification for Beneficiary Status filed with the Court.
- 2. Beneficiary requests and directs that the Trustee make the payments described in this application and Attachment A to this Form.
- 3. This application contains all information and certifications required by Paragraph 5.2 of the Trust Agreement, and the Trustee may rely on this application, Attachment A, and related certifications in making disbursements of trust funds for the aforementioned Project ID.
- 4. Any vendors were or will be selected in accordance with a jurisdiction's public contracting law as applicable. (5.2.5)
- 5. Beneficiary will maintain and make publicly available all documentation submitted in

support of this funding request and all records supporting all expenditures of eligible mitigation action funds subject to applicable laws governing the publication of confidential business information and personally identifiable information. (5.2.7.2)

DATED:	12/17/2020	Kendal Stegmann, Division Director
Dille.		[NAME] [TITLE]
1		Oklahoma Department of Environmental Quality
//		[LEAD AGENCY]
	//	for
		State of Oklahoma
		[BENEFICIARY]

ATTACHMENT B

PROJECT SCHEDULE AND MILESTONES

PROJECT MANAGEMENT PLAN PROJECT SCHEDULE AND MILESTONES:

Action	Start Date	End Date
Subgrant Program Development	July 15, 2019	July 7, 2020
Announce Funding & Accept Applications	July 7, 2020	September 30, 2020
Score Applications and Develop D4's	October 1, 2020	November 30, 2020
D4's in approval	December 1, 2020	February 28, 2021
Purchase Order Process	March 1, 2021	April 30, 2021
Make Awards	May1, 2021	May 31, 2021
Project Implementation	June 1, 2021	June 30, 2023
Procurement and Installation of Equipment	June 1, 2021	June 30, 2023
Monitoring and Oversight of Project	June 1, 2021	June 30, 2023
Semiannual Reporting from Recipient to DEQ	June 1, 2021	June 30, 2023
Project Completion Date	June 1, 2021	September 30, 2023

PROJECT BUDGET:

Project Description		Estimated Project Sub- Total	Amount Funded by Trust	Amount Funded by Project Partner
2 – Class 8 CNG powered refu	se trucks	\$602,685.74	\$302,000.00	\$300,685.74
14 - Class 8 Diesel powered freight trucks		\$1,498,000.00	\$314,580.00	\$1,183,420.00
1 - Class 8 CNG powered refu	se truck	\$275,652.00	\$200,000.00	\$75,652.00
1 – Class 8 Diesel powered du	mp truck	\$147,659.44	\$110,744.58	\$36,914.86
3 – Class 8 Diesel powered had	uling trucks	\$252,672.54	\$189,504.42	\$63,168.12
1 – Class 8 CNG powered refu	se truck	\$216,204.00	\$162,153.00	\$54,051.00
3 – Class 8 Diesel powered du	mp trucks	\$367,374.00	\$275,532.00	\$91,842.00
1 – Class 8 Diesel powered ref	use truck	\$273,500.00	\$205,125.00	\$68,375
1 – Class 8 Diesel powered ref	use truck	\$210,500.00	\$157,875.00	\$52,625.00
4 – Class 8 CNG powered dum	np trucks	\$1,123,711.60	\$258,453.68	\$865,257.92
1 – Class 8 CNG powered refuse truck		\$284,053.00	\$213,039.75	\$71,013.25
8 – Class 8 Diesel powered concrete mixer trucks		\$1,774,403.84	\$443,600.96	\$1,330,802.88
	Administrative	\$80,761.00	\$80,761.00	\$0
	Project Totals	\$7,107,177.16	\$2,913,369.39	\$4,193,807.77
	Percentage	100%	40.99%	59.01%

PROJECTED TRUST ALLOCATIONS

	2020
1. Anticipated Project Funding Request to be paid through the Trust	\$2,913,369.39
2. Anticipated Cost Share	\$4,193,807.77
3. Anticipated Total Project Funding (line 1 plus line 2)	\$7,107,177.16
4. Cumulative Trustee Payments Made to Date Against Cumulative Approved Beneficiary Allocation*	\$10,054,949.79
 Cumulative Unused Trustee Payments Returned to Trust from Previous Funding Requests 	\$370,843.84
6. Net Trustee Payments Made to Date Against Cumulative Approved Beneficiary Allocation (line 4 minus Line 5)	\$9,684,105.95
7. Current Beneficiary Project Funding to be paid through the Trust (line 1)	\$2,913,369.39
8. Total Funding Allocated to Beneficiary, inclusive of Current Action by Year (line 6 plus line 7)	\$12,597,475.34
9. Initial Beneficiary Share of Trust Funds	\$20,922,485.12
 Beneficiary Share of Estimated Funds Remaining in Trust (line 9 minus line 6) 	\$11,238,379.17
11. Net Beneficiary Funds Remaining in Trust, net of cumulative Beneficiary Funding Actions (line 10 minus line 7)	\$8,325,009.78

^{*} This line item includes the sum of cost requests from the following submitted D-4 funding requests, regardless of whether or not funds have been received by DEQ: Funding Requests #1, #2, #3, #4, #5, #6, #7, #8, #9, and #10.

ATTACHMENT C

DETAILED PLAN FOR REPORTING ON ELIGIBLE MITIGATION ACTION IMPLEMENTATION

Per Subparagraph 5.2.11 of the Environmental Trust Agreement for State Beneficiaries ("Trust Agreement"), Beneficiaries must set forth a "detailed plan for reporting on Eligible Mitigation Action implementation" to be included in an Appendix D-4 funding request. The Oklahoma Department of Environmental Quality (DEQ) plans to report per 5.3 of the Trust Agreement and Sections H and I of DEQ's DERA Cooperative Agreement with EPA.

DEQ is committed to meeting reporting requirements consistent with Subparagraph 5.3 of the Trust Agreement, as set forth below:

For each Eligible Mitigation Action, no later than six months after receiving its first disbursement of Trust Assets, and thereafter no later than January 30 (for the preceding six-month period of July 1 to December 31) and July 30 (for the preceding six-month period of January 1 to June 30) of each year, each Beneficiary shall submit to the Trustee a semiannual report describing the progress implementing each Eligible Mitigation Action during the six-month period leading up to the reporting date (including a summary of all costs expended on the Eligible Mitigation Action through the reporting date). Such reports shall include a complete description of the status (including actual or projected termination date), development, implementation, and any modification of each approved Eligible Mitigation Action. Beneficiaries may group multiple Eligible Mitigation Actions and multiple sub-beneficiaries into a single report. These reports shall be signed by an official with the authority to submit the report for the Beneficiary and must contain an attestation that the information is true and correct and that the submission is made under penalty of perjury. To the extent a Beneficiary avails itself of the DERA Option described in Appendix D-2, that Beneficiary may submit its DERA Quarterly Programmatic Reports in satisfaction of its obligations under 15 of 43 this Paragraph as to those Eligible Mitigation Actions funded through the DERA Option. The Trustee shall post each semiannual report on the State Trust's public-facing website upon receipt.

ATTACHMENT D

<u>Detailed cost estimates from potential vendors for each proposed expenditure exceeding \$25,000.</u>

The following vendor quotes are based on applicants' market research at the time of application.

Vehicle	Fuel	Cost
Refuse Truck	CNG	\$301,342.87*
Refuse Truck	Diesel	\$273,500.00
Freight Truck	Diesel	\$107,000.00
Dump Truck	CNG	\$280,927.90
Dump Truck	Diesel	\$147,659.44
Hauling Truck	Diesel	\$84,224.18
Concrete Mixer	Diesel	\$221,800.48

^{*}This total represents the sum of two included quotes: the truck portion from Premier and the hauler portion from Labrie.



City of Oklahoma City

Solid Waste Management Division

September 23, 2020 2021 Freightliner 114SD

See attached specifications ~ September 23, 2020 Approximate Delivery: 90 Days for delivery to body company

2021 Freightliner / 108SD / Current State Contract \$ 89,733.00

Change to 114SD due to the CNG Request

CNG \$62,553.00

Front Axle: 20,000 # and 20,000# Suspension \$ 3,567.60

Data code: 400-1BB / 620-025

287" Wheelbase \$ 485.00

Side of hood air intake with firewall mounted Donaldson air cleaner with safety element and passive pre cleaner

Vehicle interface wiring and pdm with body builder connector, back of Frame \$ 571.68

Credit for Two Man Bench Passenger seat (\$ 6.00)
State contract provides Two Single seats

Engine Remote interface with preset fast idle \$ 205.20
(2) 12 Volt power receptacles mounted in the dash \$ 12.24
BW DV-2 auto drain valve without heater on all tanks \$ 125.00

Rear Axle 46,000 # \$ 3,103.92 Rear Suspension 46,000 # \$ 2,391.12

Synthetic Rear Axle Lube \$ 139.87 Synthetic Front Axle Lube \$ 7.81 High Visibility Orange Seat Belts \$ 27.69 Remove Fire Extinguisher \$ (74.22) Michelin XDS Rear Tires (094-2A7) \$ 829.28 Michelin XZU Front Tires (093-2CC) \$ 147.68

All Manuals

Parts Manual – 114SD Service & Repair Manual

Engine

Cummins ISLG Parts Manual Cummins ISLG Service & Repair

Transmission - Allison 3000 RDS

Parts

Service & Repair

Total Price \$ 164,186.87

Price Includes ONE set of parts manuals per truck

- *Engine, Transmission and Chassis Manual
- * Two Drivers Manuals

Extended Warranties available at the prices listed below

5 Years of towing (State Contract comes with 2 years of towing / to extend 3 additional years \$ 400.00)
5 year or 150,000 mile Cummins L9N protection plan 1 \$ 2,400.00
5 Years unlimited miles – Allison Transmission \$ 1,142.00

Respectfully submitted,

Jane Kirton

Account Manager

Premier Truck Group Oklahoma City

405.945.3577

405.973.8792

Date: 09/23/2020

175-B Route Marie-Victoria Levis, Cuebec G7A 273 1-800-465-6838 fax: 418-931-5255 Client: Bodney Address: B800 S' Oklahov J & R Equipment LLC
Rodney Womack
8800 SW 8th Street
Oklahoma City, OK, 73128, USA
405-495-5110 / 405-495-5112
J & R Equipment Co. Phone/Fax: Distributor:

Shipping address if different from above: Chassis delivery : <u>To be confirmed</u>

J&R Equipment, Oklahoma City, OK

Chassis delivery :	To be confirmed					
						Price
			RIPTION			11100
Model:	LEACH 2R-III HEAVY DUTY	RESIDENTIAL FACTOR	RY MOUN Capaci	ity: 20 c.y 2R3-2	0-RES	See below
Chassis MFR: Engine:	Freightliner - Custome Cummins L9N (320HF			Axle:	6 x 4	
Transmission:	RDS 3000 Series	Cab: Convent		Aux. Axle:	Pusher installed afte	r production
Driving config at	del.: LH drive only	Cooler on transm	ission: No	S/N·		
Chassis dealer: Contact email:	To be confirmed To be confirmed			WD#:		
Other:				Availability: Initials:		
Cab color:	Factory White			muas		
Body color: Chassis color:	White N0006EA Factory black	Paint scheme:		Match Cab:	YES	
Cart type:	NSO	Cart make:		Capacity:		
Position:	LEFT & RIGHT	Size:				
Additionnal Man	uals: 0					
BBFP0710		sidential Tailgate: Repla	ce Standard Ste	el for Hopper Floor a	nd Hopper Sides	l
	(Upper & Lower) by Hardox Mounting Sills - Steel - 1/2" F	450. (N/A on Commerci	al and Demoillion	i Units)		
BBMS0701 Compressed Na					Line Of the Fore	
CCNG0700	CNG neck-mounted fuel tan	k (Behind Cab) - Qiy 4 t	anks - 66DGE (C	NG tanks covers are	black) (Derueling	
	nozzles are now STD on co Transit style port on street s	ntroi panei)				
CNGF0740 Cans & Tippers					ad Tinnom I nad	
BCDS0760	options: Dual LEACH Cart Tippers Ir edge/tippers height may ne	stallation - includes Loa	d Sill Prep- Hydri o body is mount	aulics and LEACH Ci ed - (Specify tipper ff	art rippers Load	
	edge/tippers height may ne	eo to de adjusted alter il	ie body is modific	ca (opean) appear	,	
Hydraulic optio	ins:				DD0 0000	
CCPM0700	ins: Married Pump (P50). N/A v transmission and others not	ith Factory Mounting on	Mack Granite an	id Peterbiit A520 With Incoring approval.	HDS 3000	
Electrical optio CTIN0700	Pumo Neutral Interlock: Tra	insmission must be in ne	eutral to allow the	hydraulic pump to w	ork	ļ.
EEEB0710	Pumo Shut-Off Switches- B	oth Sides Of Tailgate				İ
EGSE0710	Third Eye single sensor Rac					
Lighting option LSLO0700		e Lights: - LED - Upper	& Lower Tailgate	Light Panels	ant for CNC Bobind	
LAFF0750	Lights: Oval Strobe - LED -	Flush Mounted Front of	Body - Qty 2 (loc	ated in bulknead exc	ept for CNG Berling	l
LWLK0725	Cab 82DGE where it's a on Work Lights: Hopper - Flus	n mount - LED - Qtv 2				1
LWLT0735	Work Lights: Tailgate Sides	- LED - Qty 2				
Camera option			ace nrice Solit S	creen		İ
CCCM0701 CCCC0702	ss: 3rd Eye 7" color LCD monit Dual 3rd Eye cameras (no:	or: Included in system b shutter): Monitor must b	e selected separ	ately. Heater. No Shi	utter	1
2R3-0016	Mirror R-H side (16)	,				l.
2R3-0029	Tailgate center right (29)					
Body options: BCOT0705	Broom & Shovel Holders -	3oth Sides Tailgate - Bro	oom and Plastic 9	Shovel Included		
BFEX0710					BCI 00705-	
BLSH0700	Large Riding Steps - ANSI	Max: Large noing steps	not compations v	atti pusii pu opiono	BOLOGIOS	1
BCAA0700			or: 2R3 20 and 2	5 yd- 6X4 with pushe	er axle (already	Į.
150,010,00	included in 29 and 32 yd).	2R3 25yd- 29 yd and 32	yd- 6X4 with add	itional steer front axi	в.	
DACD0700	Metal Mud Guards - Front I	Bear Axle				
BASB0720 BBLA0700	Side Door Ladder - with Gr	ab Handle				
Paint options:			basa ndaa laski	idos bolt-on narts nai	inted body color	1
PCBP0710	Body: 1 Color Urethane Bo	dy Paint included in unit	base price, inclu	idea buit on parto par		
Warranty optic	ons:			DTO ONLY		
FEWA0710-P	PLAN A - Add 1 year on bo					
Non standard 2017-4841	options: CNG- Additional filling port	Front bumper- RH side	front bumper- wi	ith Ignition interlock o	n filling port cap	1
2017-4041						1
2018-7154R1	Cans and tippers, Tipper, I Chassis, Pusher axle, Lea	Dual, Bayne control valve	es ilo STD - RL o installation afte	r body mounting "Pu	sher specs to be	ł
2020-4907						
2020-4955				ad tipper configuration	on - RL	
2020-7790	Cans and Tippers, Replace	the LEACH Dual Tippe	rs by Bayne MB	11 180 (AME) Duai 1	ppera - option	
Chandard onth	BCDS0760 must be order					1
Standard option STD0725	Body Side Opening - Hydr	aulic Tank Level Gauge	Access - Curb Si	ide Not available if th	e hydraulic tank is on	
_	the chassis rather than ins	ide the body				
Note:						i i
included by J&	R Equipment (after production	in)				1
Pusher Axle: 1	3.5K Hendrickson Composili	te FX Non-Steer Pusher	AXIC (SICCI			1
wheels)						1
:						
l ist prid	ce per above qu	ote	\$136,7	760.00		+
5. p.10					 	

SW 197 Pricing \$132,656.00

\$4,500.00 Freight

Total \$137,156.00 each.



September 21, 2020

Mr. Jason Mansel City of Lawton 212 SW 9th Street Lawton Oklahoma 73501

We are pleased to present the following **Oklahoma State Purchasing Contract SW 197** BID for one 2021 Freightliner M2 106/Galbreath U6-DPHK-176 hook lift/Peterson HL-3 Grapple hook with removable hook lift skid with the following standard features:

Double pivot design, 60,000 lb. capacity
Handles containers from 18' to 20', fixed hook height 61 3/4"
Tolerates imperfect alignment up to 62-degree dump angel for clean discharge ICC bumper with recessed LED lighting
Inside air controls for hook lift
5-spool integrated outside control valve
Steel oil reservoir with 3-micron filter
Hoist up alarm with signal light, back up alarm
Pioneer tarper with hydraulic gantry and LED work lights on gantry
Steel fenders, hot shift PTO
48" Tool box, rear tow hooks
1 year hoist warranty, 2-year hydraulic warranty

Peterson HL3 grapple hook loader with 18' 24-yard body
Heavy duty swing motor
Quad stack controls
Heat shield grating
60" bucket
Boom up warning light
Heavy duty control box
Barn doors on body
Dump body black in color
Loader to be orange in color

One Roll Off America 30-yard hook lift container with swing rear door. Painted black in color

2021 Freightliner M2 106 tandem axle chassis Please see attached information for complete specifications



Oklahoma State Purchasing Contract SW 197 BID PRICE \$ 273,500.00

FOB Lawton Oklahoma

All sales are subject to United Engines Terms and Conditions of Sale which can be found at http://unitedengines.com/UEStandardTC.pdf and which are incorporated by reference into this document as if fully set forth herein.

Respectfully submitted

Dave Chapel

United Engines

5555 West Reno Avenue

Oklahoma City, Oklahoma 73127

dchapel auniteden ines.com

405-625-2044



RH 4x2

Sales Proposal For:

SYSCO COPRPORATION

Single Axle Heavy Duty

Presented By:

TX TRK CNTRS OF HOUS LTD

INTERNATIONAL® July 15, 2020

Prepared For:Presented By:SYSCO COPRPORATIONTX TRK CNTRS OF HOUS LTD

Purchasing Dept 1390 Enclave Pkwy. Houston, TX 77077-2025

(801)584 - 4007 Reference ID: FY20 TX TRK CNTRS OF HOUS LTD
Layth Gaston
8900 NORTH LOOP EAST
HOUSTON TX 77029 (713)674-3444

Model Profile 2021 RH 4x2 Net Sales Price: \$107,000

APPLICATION: General Freight Regional Haul 4x2 (DayCab)

MISSION: Requested GCWR: 80000. Calc. GVWR: 52000

Calc. Start / Grade Ability: 18.39% / 1.21% @ 55 MPH

Calc. Geared Speed: 89.9 MPH

DIMENSION: Wheelbase: 187.00, CA: 124.20, Axle to Frame: 57.00

ENGINE, DIESEL: {International A26} EPA 2017, 410HP @ 1700 RPM, 1450 lb-ft Torque @ 1000 RPM, 1800 RPM

Governed Speed, 410 Peak HP (Max)

TRANSMISSION, MANUAL: {Eaton Endurant EEO-14F112C} 12-Speed Fully Automated Manual, Aluminum Clutch Housing,

Overdrive, Mechatronic Shift Controls, Pneumatic Clutch Actuation, Internal Lube Oil Pump, Hill

Start Aid

CLUTCH: {Eaton Fuller 430MM} Maintenance Free; Single Plate Diaphragm Spring, Organic, (430 mm) 17"

Diameter, 5-Spring Coaxial Design with Pre-Damper, with 2.00" 18 Tooth Spline, Non-Adjustable,

(2508 Nm) 1850 lb-ft Capacity

AXLE, FRONT NON-DRIVING: {Hendrickson Steertek IADB} Wide Track, Fabricated Type, 12,000-lb Capacity, with Integrated

Air Disc Brake Knuckle

AXLE, REAR, TANDEM: {Meritor MT-40-14X-4CFR} Single Reduction, Amboid Gearing in Rear-Rear Axle, 40,000-lb

Capacity, .433"(11mm) Wall Housing Thickness, R Wheel Ends Gear Ratio: 3.08

CAB: Conventional, Day Cab

TIRE, FRONT: (2) 295/75R22.5 Load Range G CROSSTRAC HA3 (CONTINENTAL), 514 rev/mile, 75 MPH, All-

Position

TIRE, REAR: (8) 295/75R22.5 Load Range G HDL2 (CONTINENTAL), 511 rev/mile, 75 MPH, Drive

SUSPENSION, REAR, AIR, TANDEM: {International} Ride Optimized Suspension (IROS), 40,000-lb Capacity, 52" Axle Spacing, 9.25"

Ride Height, with Shock Absorbers

PAINT: Cab schematic 100HW

Location 1: 9219, Winter White (Std)

Chassis schematic N/A

July 15, 2020

Vehicle Specifications 2021 RH 4x2

<u>Code</u>	<u>Description</u>	F/R Wt (lbs)	Tot Wt
RH61F00	Base Chassis, Model RH613 6x4 with 187.00 Wheelbase, 124.20 CA, and 57.00 Axle to Frame.	8198/6464	14662
1570	TOW HOOK, FRONT (2) Frame Mounted	22/0	22
1616	FRAME RAILS WITH TAPERED REAR	0/0	0
1CBV	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.580" x 0.312" (257.2mm x 90.9mm x 8.0mm); 367.4" (9333mm) Maximum OAL	27/41	68
1MBS	BUMPER, FRONT Contoured, Aluminum, Stainless Steel Clad, with Black Plastic Filler Panels, Less Valance Panel for Increased Ground Clearance	3/0	3
1WKK	WHEELBASE RANGE 187" (475cm) Through and Including 219" (555cm)	0/0	0
1WLS	DECK PLATE Aluminum, (2) Sections, Flush Mounted	2/14	16
1WRK	PINTLE HOOK (Holland PH-30RP41) Rear, U-Bolts, Standard Position	0/11	11
2AVG	AXLE, FRONT NON-DRIVING {Hendrickson Steertek IADB} Wide Track, Fabricated Type, 12,000-lb Capacity, with Integrated Air Disc Brake Knuckle	-12/0	-12
3ADC	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 12,000-lb Capacity, with Shock Absorbers	0/0	0
	Includes : SPRING PINS Rubber Bushings, Maintenance-Free		
4092	BRAKE SYSTEM, AIR Dual System for Tractor Applications	0/0	0
	Includes : BRAKE LINES Color and Size Coded Nylon : BRAKE PRESSURE INDICATOR Low Air Pressure Warning Light and Audible Alarm : DRAIN VALVE Manually Operated (On Wet Tank Only) : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : GLAD HANDS (2) One for Service and One for Emergency; Trailer Hoses from Cab : HAND CONTROL VALVE, AIR with Self Return Handle, for Trailer Brakes : HOSE TENDER Back of Cab Mounted : PARKING BRAKE CONTROL Yellow and Red Knobs, Located on Instrument Panel : PARKING BRAKE VALVE Combination Valve for Tractor and Trailer : QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for Forward Rear Axle : SLACK ADJUSTERS, FRONT Automatic (with Air Cam Brakes) : TRACTOR PROTECTION VALVE : TRAILER HOSES AND CABLES 15' Coiled Lighting Cable with 7-Way Connector and with 15' Coiled Nylon Brake Hose		
4AZS	AIR BRAKE ABS {Bendix AntiLock Brake System} with Electronic Stability Program (4-Channel; 4 Sensor/4 Modulator) with Automatic Traction Control	0/0	0
4EDJ	AIR DRYER {Bendix AD-IS} with Heater, Includes Pressure Protection Circuits, Safety Valve, Integral Purge Tank, Integrated PuraGuard Coalescing Filtration	-6/-7	-13
4JBZ	BRAKES, FRONT, AIR DISC 22.5 Dia, Includes 18" Sq. In. Brake Chambers	28/0	28
4JCC	BRAKES, REAR, AIR DISC 22.5 Dia, Includes 18/24" Sq. In. Brake Chambers	0/-53	-53
4SPM	AIR COMPRESSOR (Bendix BA-921 Head Unload) 15.9 CFM	0/0	0

<u>Code</u>	Description	F/R Wt	Tot Wt
4UKP	AIR TANK, AUXILIARY for Transmission Air Supply, Frame Mounted Under Right Rail, Under Cab	19/5	24
4VHW	AIR TANK LOCATION (2) Mounted Under Battery Box, Outside Left Rail, Under Cab; Perpendicular to Rail	0/0	0
4WEY	BRAKE PACKAGE, REAR {Bendix Spicer ADB22X} Air, Disc Type, Extended Service; Size 22.5"	0/0	0
4WEZ	BRAKE PACKAGE, FRONT {Bendix Spicer ADB22X} Air, Disc Type, Extended Service; Size 22.5"	0/0	0
4WXR	DRAIN VALVE (2) {Berg} with Pull Chains, for Air Tanks	2/0	2
4WZZ	TRAILER HOSES AND CABLES Straight, 3 IN 1, Rubber Hose, 12' Working Length, 15' Lighting Cable, Anodized Glad Hands with Polyurethane Seals and Rubber Hand Holds, Lighting Cable with Quick Change Plug	0/0	0
4XBW	HOSE TENDER EZ Claw Mounting Brackets, for EZ Claw Assembly to be Installed at TSC	6/2	8
5710	STEERING COLUMN Tilting and Telescoping	0/0	0
5CAW	STEERING WHEEL 4-Spoke; 18" Dia., Black	0/0	0
5PSM	STEERING GEAR {Sheppard HD94} Power	0/0	0
5WAJ	POWER STEERING OIL COOLER Remote Mounted	7/-1	6
6DDP	DRIVESHAFT SYSTEM {Meritor} RPL25 Mainshaft and RPL20 Interaxle Shaft in Lieu of Dana 1810 Mainshaft and 1710 Interaxle	0/0	0
7BEU	AFTERTREATMENT COVER Aluminum	8/3	11
7ВКР	EXHAUST SYSTEM Single, Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab, for Single Short Horizontal Tail Pipe, Frame Mounted Right Side Back of Cab	0/0	0
7SDK	ENGINE COMPRESSION BRAKE by Jacobs; for N13/A26 Engines, with Selector Switch and On/Off Switch	0/0	0
7WDR	TAIL PIPE (1) Horizontal, Short, with Heat Diffuser	0/0	0
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment	0/0	0

Includes

- : DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab
- : HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel
- : HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever
- : HORN, ELECTRIC Single
- : PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light
- : POWER SOURCE Cigar Type Receptacle with Cap, USB Port, Located in Instrument Panel
- : STARTER SWITCH Electric, Key Operated
- : TURN SIGNAL SWITCH Manual Cancelling with Lane Change Feature
- : TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted
- : WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever

4

- : WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted
- : WIRING, CHASSIS Color Coded and Continuously Numbered

Vehicle Specifications 2021 RH 4x2

July 15, 2020

Code	<u>Description</u>	F/R Wt	Tot Wt
8541	HORN, ELECTRIC (2) Disc Style	0/0	(lbs) 0
8GHY	ALTERNATOR (Delco Remy 38SI) Brushless, 12 Volt 215 Amp. Capacity, Pad Mount, with Remote Voltage Sensor	10/0	10
8NBJ	BATTERY SYSTEM {JCI} Maintenance-Free, (4) 12-Volt 2800CCA Total, Top Threaded Stud	75/15	90
8RJW	CB RADIO Omit; Wiring, Power Feeds, Power Source,	0/0	0
8RMR	RADIO AM/FM/CD/WB/Clock/3.5MM Auxiliary Input	0/0	0
8RMV	SPEAKERS (2) 6.5" Dual Cone Mounted in Doors	0/0	0
8THB	BACK-UP ALARM Electric, 102 dBA	0/3	3
8TKJ	STOP, TURN, TAIL & B/U LIGHTS {Truck Lite} Super 44, with LED Lights for Stop, Turn, Tail and Backup Lights, with Power Module, "International" Termination and Less Junction Box, Includes License Plate Light	-7/19	12
8TMN	TRAILER CONNECTION SOCKET {Phillips STA-DRY} (2) 7-Way; (1) Equipped with ABS Feed Mounted at Back of Cab, (1) Mounted at End of Frame	2/5	7
8TPU	COLLISION MITIGATION SYSTEM {Bendix Wingman Fusion} Adaptive Cruise Control w/Collision Mitigation & Stationary Vehicle Braking, Stationary Object Alert, Lane Departure Warning, Overspeed Alert & Action; Includes Front Radar & Camera, Driver Display, Lane Departure Warning Switch & Speakers; Safety Direct Capability, less Safety Direct Cable	0/0	0
AAW8	LIGHT, WORK {Truck Lite 81 Series} LED, Pedestal Mounted BOC with Switch on Instrument Panel	4/1	5
8WBW	JUMP START STUD Remote Mounted	2/0	2
	Includes : JUMP START STUD Mounted to Battery Box		
8WGU	BATTERY BOX COVER Aluminum	11/7	18
8WJV	BATTERY DISCONNECT SWITCH {Joseph Pollak} for Cab Power Disconnect Switch; Lever Operated, Disconnects Power to PDC, Does Not Disconnect Charging Circuits, Cab Mounted	4/0	4
8WNH	RUNNING LIGHT (2) Daytime	0/0	0
8WPZ	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	0/0	0
8WRB	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	0/0	0
8WXB	HEADLIGHT WARNING BUZZER Sounds When Head Light Switch is on and Ignition Switch is in "Off" Position	0/0	0
8WXG	STARTING MOTOR (Mitsubishi Electric Automotive America 105P) 12-Volt, with Soft-Start	0/0	0
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses	0/0	0
8XDP	HEADLIGHTS Halogen, with Park Lights and Daytime Running Lights	-15/2	-13
8XHK	BATTERY BOX Aluminum, 30" Wide, 2-4 Battery Capacity, Mounted Left Side Under Cab	-33/-11	-44

Code	<u>Description</u>	F/R Wt (lbs)	Tot Wt
8XHN	HORN, AIR Black, Single Trumpet, with Lanyard Pull Cord	0/0	Ó
8XHX	SWITCH, MARKER INTERRUPT for Marker Lights and Headlights, Located in Steering Wheel	0/0	0
8XJC	BATTERY WIRING MODIFICATION Battery Discharge Protection System; Control thru Body Controller	0/0	0
8XKR	POWER SOURCE, ADDITIONAL Two Auxiliary Power Outlets (APO) and Two USB Ports, Located in the Instrument Panel	0/0	0
9AAB	LOGOS EXTERIOR Model Badges	0/0	0
9AAE	LOGOS EXTERIOR, ENGINE Badges	0/0	0
9HAD	GRILLE Chrome	0/0	0
9WAY	FRONT END Tilting, Fiberglass, with Three Piece Construction	0/0	0
	Includes : BUG SCREEN Front End; Mounted Behind Grille : HOOD TILT ASSIST Includes Torsion Bar Spring System		
9WBN	FENDER EXTENSIONS Painted	0/0	0
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100	0/0	0
	Includes : PAINT SCHEMATIC ID LETTERS "HW"		
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone	0/0	0
10943	KEYS - ALL ALIKE Fleet - Includes Ignition and Cab Door Keys	0/0	0
10ADT	COMMUNICATIONS MODULE Telematics Device with Over the Air Programming	1/0	1
10HHT	FIFTH WHEEL, AIR SLIDE {Fontaine SL6LWB725024} 24" Slide, 7.25" Above Top of Frame, Left Hand Release	0/70	70
10WCY	SAFETY TRIANGLES	0/0	0
10WGA	STRAP, GROUND FIFTH WHEEL (1)	0/0	0
10WKK	KEYS - ALL ALIKE, ID I-0608 Compatible with Z-100	0/0	0
10WRL	MUD FLAP HOLDER {Betts B-87} .750" Square, with 45-Degree End, with Aluminum Plate with Red and White Reflective Tape and Less Flaps	0/0	0
10WRW	MUD FLAPS, REAR Black Rubber, 24"x 30", with Cut Corner, Less Logo, with Anti-Sail and Anti-Spray, Frame Mounted Behind Rear Wheels	0/8	8
10WTR	QUARTER FENDERS for Rear Wheels, Black Plastic; Frame Mounted	0/18	18
11MHM	CLUTCH {Eaton Fuller 430MM} Maintenance Free; Single Plate Diaphragm Spring, Organic, (430 mm) 17" Diameter, 5-Spring Coaxial Design with Pre-Damper, with 2.00" 18 Tooth Spline, Non-Adjustable, (2508 Nm) 1850 lb-ft Capacity	-28/-4	-32
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection	0/0	0
12BDM	ENGINE, DIESEL {International A26} EPA 2017, 410HP @ 1700 RPM, 1450 lb-ft Torque @ 1000 RPM, 1800 RPM Governed Speed, 410 Peak HP (Max)	0/0	0
12THT	FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed with Residual Torque Device for Disengaged Fan Speed	2/0	2

<u>Code</u>	Description	F/R Wt	Tot Wt
12VBC	AIR CLEANER Single Element Includes	0/0	0
	: GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted		
12VHC	FEDERAL EMISSIONS (International A26) EPA, OBD and GHG Certified for Calendar Year 2019	0/0	0
12WCX	HOSE CLAMPS, RADIATOR HOSES {Gates} Shrink Band Type	0/0	0
12WEG	COLD STARTING EQUIPMENT Automatic; with Engine ECM Control	0/0	0
12WTB	ENGINE OIL RECOVERY SYSTEM with Aeroquip #12 Hose Fitting, Number 5602-12-12S	0/0	0
12WYZ	RADIATOR DRAIN & FILL FITTING SPECIAL; To Vacuum Out or Fill the Cooling System from the Bottom of Radiator, for Use with Quick-Connect Radiator Drain Tool or Shop Coolant Evacuation-Fill System	0/0	0
12WZJ	EMISSION COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal located on Driver Door	0/0	0
12XBC	RADIATOR Aluminum; Welded, Down Flow System, Front to Back, 1325 SqIn, 806 SqIn CAC	0/0	0
12XBT	BLOCK HEATER, ENGINE {Phillips} 120V/1150W, Block and 120V/300W Oil Pan Heater with "Y" Cord from Socket to Operate both Heaters, Socket mounted in Standard Location	0/0	0
	Includes : BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door		
13GYY	TRANSMISSION, MANUAL {Eaton Endurant EEO-14F112C} 12-Speed Fully Automated Manual, Aluminum Clutch Housing, Overdrive, Mechatronic Shift Controls, Pneumatic Clutch Actuation, Internal Lube Oil Pump, Hill Start Aid	7/1	8
13WLW	TRANSMISSION OIL {EmGard 40W} Synthetic; 1 thru 21.99 Pints	0/0	0
13XAN	PTO LOCATION Customer Does Not Intend to Install PTO	0/0	0
13XAX	SHIFT CONTROL PARAMETERS {Eaton Endurant} Automated Manual Transmission, Economy Calibration	0/0	0
14899	SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab	4/4	8
14GVE	AXLE, REAR, TANDEM {Meritor MT-40-14X-4CFR} Single Reduction, Amboid Gearing in Rear-Rear Axle, 40,000-lb Capacity, .433"(11mm) Wall Housing Thickness, R Wheel Ends . Gear Ratio: 3.08	0/39	39
	Includes : POWER DIVIDER LOCK Electric over Air Operated, Cab Control with Indicator Light		
14UPZ	SUSPENSION, REAR, AIR, TANDEM {International} Ride Optimized Suspension (IROS), 40,000-lb Capacity, 52" Axle Spacing, 9.25" Ride Height, with Shock Absorbers	0/0	0
14WMJ	AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 50 thru 64.99 Pints	0/0	0
15960	FUEL TANK STRAPS Bright Finish Stainless Steel, for Dual Fuel Tanks	0/0	0
15BAA	DEF TANK COVER Stainless Steel	3/1	4

Code	<u>Description</u>	F/R Wt	Tot Wt
15EAT	FUEL TANK (2) Top Draw, Non-Polished Aluminum, 26" Dia, 80 US Gal (303L) Left Side; 100 US Gal (379L) Right Side; Total Capacity 180 US Gal (682L), Mounted Left and Right Side, Back of Cab/Under Sleeper	128/116	244
15LKX	FUEL/WATER SEPARATOR (Davco Fuel Pro 382) 12 VDC Electric Heater, Includes Pre-Heater, Includes Water-in-Fuel Sensor	2/0	2
	Includes : LOCATION FUEL/WATER SEPARATOR Mounted Left Rail in Wheel Well		
15WDN	DEF TANK 15.9 US Gal (60L) Capacity, Frame Mounted Outside Left Rail, Back of Cab/Under Sleeper	3/1	4
15WHD	ANTI-SIPHON DEVICE (2) Snap-In Type, Zinc Plated Steel, for Dual Fuel Tanks; for Cylindrical Fuel Tanks	3/0	3
16030	CAB Conventional, Day Cab	0/0	0
	Includes : CLEARANCE/MARKER LIGHTS (5) Flush Mounted : COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window : CONSOLE, CENTER Includes Two Cup Holders and One Additional Storage Area : COURTESY LIGHT (2) Driver and Passenger Door Mounted : DOME LIGHT, CAB Rectangular, Door and Instrument Panel Mounted Switch Activated, Timed Theater Dimming, Center Mounted, Integral to Console : FLOOR COVERING Rubber, Black : GLASS, ALL WINDOWS Tinted : GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side : GRAB HANDLE, CAB INTERIOR (4) "B" Pillar and Door Mounted, Two Each Side : INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color : READING LIGHT, CAB Located in Overhead Console : STORAGE POCKET, DOOR (2) Full Length, Driver and Passenger Door		
16635	CAB SIDE EXTENDERS (FAIRINGS) with Integral Grab Handle Left Side	27/8	35
16973	MOUNTING BRACKETS For Customer Mounted Air Deflector; Less Roof Air Deflector	10/0	10
16BAM	AIR CONDITIONER with Integral Heater & Defroster	0/0	0
	Includes : HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps		
16DAP	CAB INTERIOR TRIM ACCENT Seat Fabric, Black	0/0	0
16GDG	GAUGE CLUSTER Premium Level; English with English Speedometer and Tachometer, for Air Brake Chassis, Includes Engine Coolant Temperature, Primary and Secondary Air Pressure, Fuel and DEF Gauges, Oil Pressure Gauge, Includes 5 Inch LCD Color Display	0/0	0
	Includes : GAUGE CLUSTER DISPLAY, Odometer, Voltmeter, Diagnostic Messages, Gear Indicator, Trip Odometer, Total Engine Hours, Trip Hours, MPG, Distance to Empty/ Refill for Fuel/DEF, DPF Level		
16HCS	GAUGE, TEMPERATURE, AMBIENT Sensor Wiring with Display Unit Mounted in Cluster	0/0	0
16HKE	GAUGE, LOAD INDICATING REAR Text Message in Cluster Display, for use with Rear Air Suspension	0/0	0

Vehicle Specifications 2021 RH 4x2

Code	<u>Description</u>		Tot Wt
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	(lbs) 0/0	(lbs) 0
16JCJ	SEAT, DRIVER {National Model HP} Air Suspension, High Back, Mordura Cloth, 2 Arm Rests, Isolator, 3-14 Degree Back Recline, 3 Chamber Air Lumbar, 23" Wide Cushion, 6 Position Front Cushion Adjust, 3 Position Rear Cushion Adjust, Bellows	3/0	3
16REM	SEAT, PASSENGER {National 2000} Non Suspension, High Back, Mordura Cloth, 2 Arm Rests 11 Degree Back Angle	0/0	0
16SNH	MIRROR, CONVEX, HOOD MOUNTED Right and Left Sides, Bright	12/-1	11
16SNU	MIRRORS (2) Aero; Pedestal, Power Adjust, Heated Heads, Bright Finish Heads, Black Arms, 6.3" x 13.82" Flat Glass, 6.38" x 6.18" Convex Glass Both Sides	9/0	9
16VCC	SEAT BELT All Orange; 1 to 3	0/0	0
16VKB	CAB INTERIOR TRIM Classic, for Day Cab	0/0	0
	Includes : DOOR TRIM, INTERIOR Black Handle : INSTRUMENT PANEL TRIM Black, Black Gauges with Black Bezels : SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap		
16WJU	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	5/0	5
16XCM	CAB DOOR LOCKS Power, Driver Side Only; Non-Locking When Door Open	0/0	0
16XDC	TELEMATICS BRACKET (2) with Universal Mount, 1" Ball Mount Size, One for Customer Supplied Telematics Device, Mounted to Side Wing Panel, One Mounted to Plate, Flush Mounted, Upper Left Corner on Front Face of the Wing Panel	3/0	3
16XJP	INSTRUMENT PANEL Wing Panel	0/0	0
16XWV	SUNSHADE, EXTERIOR Aerodynamic, Painted Roof Color; Includes Integral LED Clearance/Marker Lights	16/1	17
16ZHL	ACCESS, CAB AND FRAME Aluminum, Driver & Passenger Sides, Two Steps per Door; Left Side Frame Access Step, Includes One Flush Mounted Deck Plate and Black Grab Handle, for use with Day Cab or Sleeper Cab	40/21	61
27DUZ	WHEELS, FRONT {Accuride 51487} DISC; 22.5x8.25 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Aluminum Hubs	-28/0	-28
28DUZ	WHEELS, REAR {Accuride 51487} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Aluminum Hubs	0/-57	-57
29ACD	TIRE VALVE CAP Flo-Thru Design	0/0	0
29SAJ	HUB CAPS (2) {Stemco} Front with Oversize Opening.	0/0	0
29WLK	WHEEL BEARING, FRONT, LUBE {EmGard FE-75W-90} Synthetic Oil	0/0	0
35864	PAINT FENDER EXTENSIONS Single Color; Same as Number One Cab Schematic Color	0/0	0
7702495432	(8) TIRE, REAR 295/75R22.5 Load Range G HDL2 (CONTINENTAL), 511 rev/mile, 75 MPH, Drive	0/16	16

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INTERNATIONAL®

Vehicle Specifications 2021 RH 4x2

July 15, 2020

8581/6762 15343

<u>Code</u>	<u>Description</u>	F/R Wt	Tot Wt
7702495436	(2) TIRE, FRONT 295/75R22.5 Load Range G CROSSTRAC HA3 (CONTINENTAL), 514 rev/mile, 75 MPH, All-Position	2/0	2
810000	FIFTH WHEEL LOCATION On Rear Axle Centerline	0/0	0
	Services Section:		
40125	WARRANTY Standard for LT/RH Series, Effective with Vehicles Built January 2, 2016 or Later, CTS-2010A	0/0	0

The weight calculations included in this proposal are an estimate of future vehicle weight. The actual weight as manufactured may be different from the estimated weight. Navistar, Inc. shall not be liable for any consequences resulting from any differences between the estimated weight of a vehicle and the actual weight.

Total Component Weight:

conditions.

Financial Summary 2021 RH 4x2

July 15, 2020

(US DOLLAR)

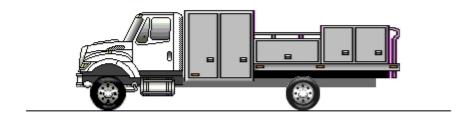
<u>Description</u>	(03 DOLLAR)	Price	
Net Sales Price:		\$107,000.00	
Approved by Seller:		Accepted by Pure	chaser
Official Title and Date		Firm or Business	s Name
Authorized Signature		Authorized Signature ar	nd Date
This proposal is not binding upon the seller without Seller's Authorized Signature			
		Official Title ar	nd Date
The TOPS FET calculation is an estimate for reference and reporting/paying appropriate FET to the IRS.	ce purposes only. The se	ller or retailer is responsible for calculating	

The limited warranties applicable to the vehicles described herein are Navistar, Inc.'s standard printed warranties which are incorporated herein by reference and to which you have been provided a copy and hereby agree to their terms and

INTERNATIONAL® September 24, 2020

Prepared For: CITY OF TULSA Brian Erickson 200 CIVIC CENTER TULSA, OK 74103-(918)596 - 7552 Presented By: SUMMIT TRUCK GROUP Jim Patchen 1023 N GARNETT RD. TULSA OK 74116 918-438-2000

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.



Model Profile 2021 HV507 SFA (HV507)

AXLE CONFIG: 4X2

APPLICATION: Service Body

MISSION: Requested GVWR: 33000. Calc. GVWR: 33000

Calc. Start / Grade Ability: 33.38% / 3.41% @ 55 MPH

Calc. Geared Speed: 80.6 MPH

DIMENSION: Wheelbase: 195.00, CA: 120.00, Axle to Frame: 73.00

ENGINE, DIESEL: {Cummins L9 330} EPA 2017, 330HP @ 2000 RPM, 1000 lb-ft Torque @ 1400 RPM, 2200 RPM

Governed Speed, 330 Peak HP (Max)

TRANSMISSION, AUTOMATIC: {Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with

PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max,

On/Off Highway

CLUTCH: Omit Item (Clutch & Control)

AXLE, FRONT NON-DRIVING: {Dana Spicer E-1202W} Wide Track, I-Beam Type, 12,000-lb Capacity

AXLE, REAR, SINGLE: {Meritor MS-21-14X-4DFR} Single Reduction, 21,000-lb Capacity, R Wheel Ends Gear Ratio: 5.13

CAB: Conventional, Day Cab

TIRE, FRONT: (2) 11R22.5 Load Range G HSR2 (CONTINENTAL), 498 rev/mile, 75 MPH, All-Position

TIRE, REAR: (4) 11R22.5 Load Range G HDL2 DL ECO PLUS (CONTINENTAL), 491 rev/mile, 75 MPH, Drive

1

SUSPENSION, REAR, SINGLE: 23,500-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Rubber Springs

PAINT: Cab schematic 100WK

Location 1: 9219, Winter White (Std)

Chassis schematic N/A

Description

Base Chassis, Model HV507 SFA with 195.00 Wheelbase, 120.00 CA, and 73.00 Axle to Frame.

AXLE CONFIGURATION

AXLE CONFIGURATION (Navistar) 4x2

Notes

: Pricing may change if axle configuration is changed.

ENGINE

ENGINE, DIESEL {Cummins L9 330} EPA 2017, 330HP @ 2000 RPM, 1000 lb-ft Torque @ 1400 RPM, 2200 RPM Governed Speed, 330 Peak HP (Max)

RADIATOR Aluminum, Cross Flow, Front to Back System, 1228 Sqln, with 1167 Sqln Charge Air Cooler, Includes In-Tank Oil Cooler

Includes

- : DEAERATION SYSTEM with Surge Tank
- : HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps
- : RADIATOR HOSES Premium, Rubber

FAN DRIVE (Horton Drivemaster) Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed

Includes

: FAN Nylon

AIR CLEANER Dual Element

ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection

BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines

Includes

: BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door

EMISSION COMPLIANCE Federal, Does Not Comply with California Clean Air Idle Regulations

ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls and Starter Lockout, with Ignition Switch Control, for Cummins B6.7 and L9 Engines

FEDERAL EMISSIONS (Cummins L9) EPA, OBD and GHG Certified for Calendar Year 2020

THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

TRANSMISSION

TRANSMISSION, AUTOMATIC (Allison 3000 RDS) 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway

ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Construction, Package Number 223

NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released

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PTO LOCATION Dual, Customer Intends to Install PTO at Left and/or Right Side of Transmission

SHIFT CONTROL PARAMETERS (Allison) 3000 or 4000 Series Transmissions, Performance Programming

TRANSMISSION OIL Synthetic; 29 thru 42 Pints

TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission

CLUTCH

Vehicle Specifications 2021 HV507 SFA (HV507)

Description

CLUTCH Omit Item (Clutch & Control)

REAR AXLES, SUSPENSIONS

AXLE, REAR, SINGLE {Meritor MS-21-14X-4DFR} Single Reduction, 21,000-lb Capacity, R Wheel Ends . Gear Ratio: 5.13 SUSPENSION, REAR, SINGLE 23,500-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Rubber Springs

FRONT AXLES

AXLE, FRONT NON-DRIVING {Dana Spicer E-1202W} Wide Track, I-Beam Type, 12,000-lb Capacity

FRONT SUSPENSIONS

SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 12,000-lb Capacity, with Shock Absorbers

CABS, COWLS, BODIES

CAB Conventional, Day Cab

ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab

AIR CONDITIONER with Integral Heater and Defroster

CAB INTERIOR TRIM Classic, for Day Cab

Includes

- : CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets, Retainer Nets and CB Radio Pocket; Located Above Driver and Passenger
- : DOME LIGHT, CAB Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Overhead Console, Center Mounted
- : SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap

CAB REAR SUSPENSION Air Bag Type

FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood

GAUGE CLUSTER Base Level; English with English Speedometer and Tachometer, for Air Brake Chassis, Includes Engine Coolant Temperature, Primary and Secondary Air Pressure, Fuel and DEF Gauges, Oil Pressure Gauge, Includes 3 Inch Monochromatic Text Display

GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission

GAUGE, VOLTMETER Auxiliary Gauge, Located in Center Panel. Standard Cluster Also Includes Digital Voltage Readout

GRAB HANDLE, EXTERIOR Chrome, Towel Bar Type, with Anti-Slip Rubber Inserts, for Cab Entry Mounted Left Side at B-Pillar

GRAB HANDLE, CAB INTERIOR (2) Safety Yellow

INSTRUMENT PANEL Flat Panel

IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster

MIRRORS (2) C-Loop, Power Adjust, Heated, Black Heads and Arms, 7.5" x 14" Flat Glass, Includes 7.5" x 7" Convex Mirrors, for 102" Load Width

3

Notes

: Mirror Dimensions are Rounded to the Nearest 0.5"

MIRROR, CONVEX, HOOD MOUNTED (Lang Mekra) (2) Right and Left Sides, Black 7.5" Sq.

SEAT BELT All Orange; 1 to 3

Description

SEAT, DRIVER {National Model HP} Air Suspension, High Back, Vinyl, 2 Arm Rests, Isolator, 7.5" Adjuster, 3 Chamber Lumbar, 6 Way Front Cushion Adjust, 3 Way Rear Cushion Adjust, 3-14 Degree Back Angle Adjust, Bellows

SEAT, PASSENGER (National Model HP) Air Suspension, High Back, Vinyl, 2 Arm Rests, Isolator, 7.5" Adjuster, 3 Chamber Lumbar, 6 Way Front Cushion Adjustment, 3-14 Degree Back Angle Adjustment, Bellows

WINDOW, MANUAL (2) and Manual Door Locks, Left and Right Doors

FRAMES

FRAME RAILS Heat Treated Alloy Steel (125,000 PSI Yield); 11.25" x 4.00" x 0.500" (285.75mm x 101.6mm x 12.7mm); 480.8" (12212mm) Maximum OAL

BUMPER, FRONT Swept Back, Steel, Heavy Duty

TOW HOOK, FRONT (2) Frame Mounted

WHEELBASE RANGE 146" (370cm) Through and Including 195" (495cm)

BRAKES

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

Includes

- : BRAKE LINES Color and Size Coded Nylon
- : DRAIN VALVE Twist-Type
- : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster
- : PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel
- : PARKING BRAKE VALVE For Truck
- : QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4
- : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6

AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System, with Automatic Traction Control

BRAKES, FRONT {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 23,000-lb Capacity

BRAKE CHAMBERS, FRONT AXLE 18 Sqln, for Air Disc Brakes

BRAKES, REAR {Bendix Spicer ES-165-7X} Air S-Cam Type, Heavy Duty Fabricated Spider, Fabricated Shoe, Single Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle

BRAKE CHAMBERS, REAR AXLE (MGM TR3030LP3TSHD) 30/30 Sqln Spring Brake

SLACK ADJUSTERS, REAR {Haldex} Automatic

DUST SHIELDS, REAR BRAKE for Air Cam Brakes

AIR COMPRESSOR (Cummins) 18.7 CFM

AIR DRYER (Wabco System Saver 1200) with Heater

AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab

AIR TANK LOCATION (2): One Mounted Under Each Rail, Front of Rear Suspension, Parallel to Rail

DRAIN VALVE {Bendix DV-2} Automatic, with Heater, for Air Tank

HAND CONTROL VALVE, AIR for Trailer Brakes, Omit Item

TRAILER CONNECTIONS Four-Wheel, with Hand Control Valve and Tractor Protection Valve, for Straight Truck

Notes

When electronic stability control is ordered with trailer connections on a 4x2 truck, please check the operator manual for trailer weight restrictions.

4

Description STEERING

STEERING GEAR (Sheppard M100) Power

STEERING COLUMN Tilting and Telescoping

STEERING WHEEL 4-Spoke; 18" Dia., Black

DRIVELINES

DRIVELINE SYSTEM (Dana Spicer) SPL140, for 4x2/6x2

EXHAUST SYSTEMS

EXHAUST SYSTEM Single, Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab

AFTERTREATMENT COVER Steel, Black

EXHAUST HEIGHT 10'

MUFFLER/TAIL PIPE GUARD (1) Aluminum

TAIL PIPE (1) Turnback Type

ELECTRICAL SYSTEMS

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

Includes

- : DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab
- : HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel
- : HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever
- : PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light
- : STARTER SWITCH Electric, Key Operated
- : STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector
- : TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature
- : WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever
- : WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted
- : WIRING, CHASSIS Color Coded and Continuously Numbered

ACCESSORY WIRING, SPECIAL for Road Speed Wire Coiled Under Instrument Panel for Customer Use

ALTERNATOR (Delco Remy 36SI) Brushless, 12 Volt, 165 Amp Capacity, Pad Mount, with Remote Sense

BATTERY BOX Steel, with Plastic Cover, 18" Wide, 2-4 Battery Capacity, Mounted Right Side Back of Cab

BATTERY CABLES with 36" of Extra Length Coiled and Strapped Near Battery Box

BATTERY DISCONNECT SWITCH 300 Amp, Disconnects Charging Circuits, Locks with Padlock, Cab Mounted

BATTERY SYSTEM (Fleetrite) Maintenance-Free, (4) 12-Volt 2640CCA Total, Top Threaded Stud

BODY BUILDER WIRING Back of Day Cab at Left Frame or Under Sleeper, Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn

5

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses

CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade

HORN, AIR (2) Single Tone, Chrome, Roof Mounted, with Lanyard Pull Cord

HORN, ELECTRIC Disc Style

Vehicle Specifications 2021 HV507 SFA (HV507)

Description

INDICATOR, BATTERY WARNING Green BATTERY ON Indicator, Mounted on Left Side of Instrument Panel, To be Used with Factory Installed or Customer Mounted Battery Disconnect Switch

INDICATOR, LOW COOLANT LEVEL with Audible Alarm

JUMP START STUD Remote Mounted

POWER SOURCE Cigar Type Receptacle without Plug and Cord

POWER SOURCE, ADDITIONAL Auxiliary Power Outlet (APO) & USB Port, Located in the Instrument Panel

RADIO AM/FM/WB/Clock/USB Input/Auxiliary Input

SPEAKERS (2) 6.5" Dual Cone Mounted in Both Doors, (2) 5.25" Dual Cone Mounted in Both B-Pillars

STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt, Less Thermal Over-Crank Protection

STOP, TURN, TAIL & B/U LIGHTS {Weldon} Multi-Function LED Lamp, Mounted Outside Rails, Includes LED License Plate Light

SWITCH, BODY CIRCUITS, MID with Remote Power Module Mounted in Cab Behind Driver Seat, Up to 6 Outputs & 6 Inputs, Max 20 amp per Channel, Max 80 amp Total, Includes 1 Switch Pack with Momentary Switches

TRAILER CONNECTION SOCKET 7-Way, Mounted at Rear of Frame, Wired for Turn Signals Combined with Stop, Compatible with Trailers with Combined Stop, Tail, Turn Lamps

TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender

FRONT END

FRONT END Tilting, Fiberglass, with Three Piece Construction, for WorkStar/HV

BUG SCREEN Mounted Behind Grille

GRILLE Stationary, Chrome

LOGOS EXTERIOR Model Badges

LOGOS EXTERIOR, ENGINE Badges

SPEEDOMETER, TOOLS, MISC

PAINT SCHEMATIC, PT-1 Single Color, Design 100

Includes

: PAINT SCHEMATIC ID LETTERS "WK"

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

PROMOTIONAL PACKAGE Government Silver Package

FUEL TANKS

FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 16" Tank Depth, 50 US Gal (189L), Mounted Left Side, Under Cab

DEF TANK 7 US Gal (26L) Capacity, Frame Mounted Outside Left Rail, Under Cab

FUEL/WATER SEPARATOR {Racor 400 Series,} 12 VDC Electric Heater, Includes Pre-Heater, with Primer Pump, Includes Water-in-Fuel Sensor

LOCATION FUEL/WATER SEPARATOR Mounted Inside Left Rail, 41" Back of Cab

WHEELS, TIRES - FRONT

WHEELS, FRONT {Maxion 90541} DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

Description

(2) TIRE, FRONT 11R22.5 Load Range G HSR2 (CONTINENTAL), 498 rev/mile, 75 MPH, All-Position

WHEELS, TIRES - REAR

WHEELS, REAR {Maxion 90541} DUAL DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

(4) TIRE, REAR 11R22.5 Load Range G HDL2 DL ECO PLUS (CONTINENTAL), 491 rev/mile, 75 MPH, Drive

WHEELS MISC OPTIONS

PAINT IDENTITY, FRONT WHEELS Disc Front Wheels; with Vendor Applied White Powder Coat Paint PAINT IDENTITY, REAR WHEELS Disc Rear Wheels; with Vendor Applied White Powder Coat Paint WHEEL SEALS, FRONT {Stemco Voyager} Oil Lubricated Wheel Bearings ILO Standard Oil Seals WHEEL SEALS, REAR {Stemco Voyager} Oil Lubricated Wheel Bearings

Services Section:

WARRANTY

WARRANTY Standard for HV507, HV50B, HV607 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2025A

SRV CONTRACT, EXT ELECTRICAL {Navistar Prepackaged Components} Excludes Starter and Alternator, To 60-Month/150,000 Miles (240,000 km)

SRV CONTRACT, EXT CMS ENG/AFTR {Cummins} To 60-Month/150,000 Miles (240,000 km), Extended Cummins L9 Engine Coverage, Protection Plan 1 and Aftertreatment

7

Proposal: 10181-01

Financial Summary 2021 HV507 SFA (HV507)

September 24, 2020

(US DOLLAR)

	(OO DOLLAN)
<u>Description</u>	<u>Price</u>
Net Sales Price:	\$84,224.18
Memo Item(s):	
Total Federal Excise Tax	\$0.00
Total Taxes:	\$0.00
Warranty:	\$479.00
Note: Memo item(s) shown here are	
included in the above Net Sales Price.	
Please feel free to contact me regarding these specificate pleased with the quality and service of an International	ations should your interests or needs change. I am confident you will be vehicle.
Approved by Seller:	Accepted by Purchaser:
Official Title and Date	Firm or Business Name
Authorized Signature	Authorized Signature and Date
SUMMIT TRUCK GROUP	
1023 N GARNETT RD.	
TULSA OK 74116	
918-438-2000	
This proposal is not binding upon the seller without Seller's Authorized Signature	
	Official Title and Date
	ce purposes only. The seller or retailer is responsible for calculating
and reporting/paying appropriate FET to the IRS.	

The limited warranties applicable to the vehicles described herein are Navistar, Inc.'s standard printed warranties which are incorporated herein by reference and to which you have been provided a copy and hereby agree to their terms and conditions.

8



Oklahoma City OK 8700 W Interstate 40 Oklahoma City, OK 73128 877-863-6024 405-782-3500

Customer Proposal Letter

A & A TRUCKING, INC. 3800 SW 10TH STREET Oklahoma City, OK 73147 (405) 949-0515

JULIE HAZEN, thank you for the opportunity to earn your business. We look forward to working with you on your business needs. Please accept the following proposal.

leeds. Please accept the i	anothing proposi			-
VEHICLE				
Make <u>Peterbilt</u> Mod	del <u>567</u>	Year 2021	Stock Number To Be	Determined
Additional Vehicle and Acc	essories Descrip	otion	To be delivered on or	about 12/31/2020
Momentum 95 DGE BOC and 3 19' Godwin Dump body w/ Tarp Cummins PP1 5Yr/400K Warra	er	CNG		
Quantity			1	Total
Truck Price per Unit			\$247.570.27	\$247.570.27
F.E.T. (Factory & Dealer P	'aid)		\$27.757.63	\$27,757.63
Net Sales Price			\$275,327.90	\$275,327.90
Optional Extended Warrar	ıty(ies)		\$5,350,00	\$5,350.00
State Sales Tax				
Documentary Fee			\$250.00	\$250.00
Administration Fee				
Vehicle Inventory Tax Additional Taxes				
Tire Recycling Program				
Battery Disposal Fee				
Out of State Vehicle Fee				
Rebate(s)			#000 007 00	\$000 007 CC
Total Sales Price (Including	ng Rebate(s))		\$280,927.90	\$280,927.90
Trade Allowance (see DI	SCLAIMERE	1		\$0.00
Sales Representative	10	Marie Marie	Charles Eubank	
Purchaser	alors/furm		pented name	
	aignature		ponted name	
Accepted by Sales Manager or	title		date	
General Manager	signature		printed name	
Quote good until 10/30/2020	Note: The a	bove Customer Proposal Is a	quotation only. Sale terms subject to	approval of Sales Manager

DISCLAIMER: Any order based on this Proposal subject to Customer assecuting Dealer's standard form Ratall Purchase Order incorporating above terms. Any documentary fees, state tax, sile, registration and itemse fees subject to adjustment and change. Actual F.E.T. to be paid by Dealer, subject to adjustment. Any F.E.T. variance will be responsibility of Dealer. Manufacturer has reserved the right to change the price to Dealer of any vehicle not currently in Dealer's stock, without notice to Dealer. If Quoted Vehicle(s) not currently in Dealer's stock, Dealer reserves right to change Custation Total to reflect any price increases from Manufacturer. This Proposal is based upon Dealer's current and expected inventory, which is subject to change. Dealer not obligated to retain any specific vehicles in stock, nor maintain any specific inventory level. Dealer shall not be obligated to fulfill Proposal in event quoted vehicle(s) not in stock or evallable within requested delivery schedule at time Proposal accepted. Dealer shall not be liable for any delay in providing or inability to provide Quoted Vehicle(s), where such inability or delay is due, in whole or in part, to any cause beyond the reasonable control of Dealer or is without the gross and/or mileage of Trade Vehicle(s) between date of Current appraisal and acceptance or three Vehicle(s). Dealer may adjust Trade Vehicle(s) to reflect changes in condition and/or mileage of Trade Vehicle(s) between date of current appraisal and acceptance of this Proposal by Customer.



Rush Phit Truck Centers (0500) 8700 West I-40 Oklahoma City, Oklahoma 73128 A&A Trucking PO Box 75608 Oklahoma City, Oklahoma 73147 United States of America

Chaz Eubank

Call Phone: 405-782-3502 Office Phone: 405-782-3500

Email: eubankc@rush-enterprises.com

Julie Hazen

Vehicle Summary

	Unit			Chassis		
Model: Type: Description 1: Description 2:	2020 567	Model 567 Full Truck Super Dump	Fr Axie Load (lbs): Rr Axie Load (lbs): G.C.W. (lbs):		all.	20000 40000 80000
Intended Serv.: Commodity: Type: Length (ft): Height (ft): Max Laden Weight (fbs):	Application Construction Dump-On Mir Body	Off Highway sing Products End Dump 19 10 6200	Road Conditions: Class A (Highway) Class B (Hwy/Mtn) Class C (Off-Hwy) Class D (Off-Road) Maximum Grade: Wheelbase (in): Overhang (in): Fr Axle to BOC (in)			95 5 0 0 6 306 62 85.2
	Trailer		Cab to Axle (in): Cab to EOF (in):		4	219.8 281.8
No. of Trailer Axles: Type:		0	Overall Comb. Length	(in):		397
Length (ft): Height (ft): Kingpin Inset (in): Comer Radius (In):		0 0 0		Special Req.		
	Restrictions					
Length (ft): Width (in): Height (ft):		30 102 11		-		
Approved by:			Di	nto:		

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

PREMIER TRUCK GROUP TULSA



5104 West 60th Tulsa Oklahoma 74107-8816 (800) 725-5312 (918) 445-5300

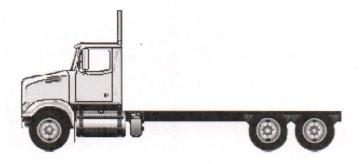
ND USER:	County of Haskell		ATC REP:	Mike Sartin	
ONTACT:	Billy Don Cloud		DIRECT LIN	E 918-447-4018	
HONE:	918-617-5485		MOBILE:	918-260-0246	
AX:	918-967-4404		FAX:	918-445-5388	
EMAIL:	bcloudhcd3@yahoo.com		EMAIL:	msartin@premiertruck.com	
CONTRAC				DATE	
TATEWID	TO SOUTH THE SOU				6/2020
	DESCRIPTION		BID SERIE		
2020 Wes	tern Star 4700 16' Dump Truck		SW0351	& SW106A	119,210.00
R PURIS	SHED OPTIONS (Itemized Below)				
CODE	DESCRIPTION	BID PRICE	CODE	DESCRIPTION	BID PRICE
	UpGrade to 470 HP	850,00	16		and the same of
	High Cap Pre Cleaner	376.00	17		
	18,000 LB Front Axle & Springs	(607.00)	18		
	Decrease to 138" CA	(433.00)	19		1
	40,000 LB Rear Axle & Suspension	(980.00)	20		
	Tilt Steering	410.00	21		
	Ergonomic Instrument Panel	320.00	22		
	Visor over Windshield	195.00	23		
	Tire Inflator Tool	175.00	24		
	Tires for 18,000 LB Front Axle	775.00	25		
	Front Tow Hooks	86.00	26		
	Trailer Tow Package	925.00	27		
		0.00	28		
			29		
		-	30		
			TOTAL OF	PUBLISHED OPTIONS:	\$2,092.00
	IENU OPTIONS				
CODE	DESCRIPTION	BID PRICE	CODE	DESCRIPTION	BID PRICE
	Eaton FO-16E313A-MHP		8	Duraclass 16' Duratuff SD	
	Fully Automated Manual Trans	(7,497.00)	9	Highlift Tailgate, Air Taigate Latch	
	22.5X9" Aluminum Front Wheels	181.44	10	Strobe Light Package, Electric	
	22.5X 9" Aluminum Rear Wheels	887.00	11	Tarp, Sch 80 Pipe Apron, Pintle	
	DCDL Both Rear Axles	938.00	12	Hitch and Plate with Electric Trailer a	
			13	Connections	0.00
			14		
			TOTAL O	F OFF- MENU OTPTIONS:	\$26,357.44
	Allowance:				\$0.00
	ERY CHARGES: Miles		@	Per Mile	\$0.00
	OF A, B, C, D, E:				\$147,659.44
G OHAN'	TITY ORDERED:	1			\$147,659.44
	ISTRATIVE FEE:				\$0.00
H. ADMIN					
H. ADMIN	QUIPMENT CHARGES & CREDITS:				

A proposal for

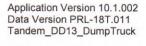
Prepared by PREMIER TRUCK GROUP OF TULSA Mike Sartin

Jun 30, 2018

Western Star 4700SF



Components shown may not reflect all spec'd options and are not to scale





SPECIFICATION PROPOSAL

Data Cod	e Description	Weight Front	Weight Rear	
Price Level				
PRL-18T	WESTERN STAR 4700 PRL-18T (EFF:04/14/18)			
Data Version				
DRL-011	SPECPRO21 DATA RELEASE VER 011			en and an an an an an an an an an an an an an
Vehicle Configu	ration			
001-450	4700 SET-FORWARD FRONT AXLE CHASSIS	9,100	6,720	
004-220	2020 MODEL YEAR SPECIFIED			
002-003	SET FORWARD AXLE - TRUCK			
019-001	TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK	10	10	
003-001	LH PRIMARY STEERING LOCATION			
General Service				
AA1-003	TRUCK/TRAILER CONFIGURATION			
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)			
A85-011	CONSTRUCTION SERVICE			
A84-1RO	ROAD AND HIGHWAY MAINTENANCE 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: 18000.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD: 40000.0 lbs			
A67-99D	EXPECTED PUSHER AXLE(S) LOAD: 0.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 58000.0 lbs			

Application Version 10.1.002 Data Version PRL-18T.011 Tandem_DD13_DumpTruck



	Data Code	Description	Weight Front	Weight Rear	
	A70-99D	EXPECTED GROSS COMBINATION WEIGHT: 80000.0 lbs			
Truck S	ervice				
	AA3-004	END DUMP BODY	AND A DUTH BOTH THE STATE OF THE		
	A88-99D	EXPECTED TRUCK BODY LENGTH: 0.0 ft			
Engine					
	101-2YB	DETROIT DD13 12.8L 470 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM			
Electro	nic Paramet	ters			
	79A-075	75 MPH ROAD SPEED LIMIT	ALTHER MARKET BOOK		Hay all the
	79B-006	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT, WITH AUTO RESUME AFTER SHIFT			
	79D-001	1800 RPM HARD AND SOFT ENGINE LIMIT FOR PROGRESSIVE SHIFTING			
	79K-005	PTO MODE ENGINE RPM LIMIT - 900 RPM			
	79M-002	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED OR PARK BRAKE NOT APPLIED			
	79P-004	PTO RPM WITH CRUISE SET SWITCH - 900 RPM			
	79Q-004	PTO RPM WITH CRUISE RESUME SWITCH - 900 RPM			
	79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			
	79T-001	PTO MODE RPM INCREMENT - 25 RPM			
	79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			
	79W-001	ONE REMOTE PTO SPEED			
	79X-005	PTO SPEED 1 SETTING - 900 RPM			
	80D-001	SOFT CRUISE CONTROL ENABLED			
	80G-004	PTO MINIMUM RPM - 900			
Engine	Equipment				
	99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION			
*	99Z-004	VEHICLE IS SUBJECT TO EPA GHG14/GHG17, D OES NOT HAVE REGULATORY VEHICLE SPEED LIMITER (VSL) OR AUTOMATIC ENGINE SHUTDOWN(AES)			
		REF KF6699			
	99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)			
	13E-001	STANDARD OIL PAN			

Application Version 10.1.002 Data Version PRL-18T.011 Tandem_DD13_DumpTruck



Data Code	Description	Weight Front	Weight Rear	
105-001	ENGINE MOUNTED OIL CHECK AND FILL			
133-004	ONE PIECE VALVE COVER			
014-107	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER WITH SAFETY ELEMENT AND PASSIVE PRECLEANER			
124-1DJ	DR 12V 160 AMP 36-SI BRUSHLESS QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE	10		
292-148	(3) ALLIANCE ABSORBED GLASS MAT MODEL 7A31, GROUP 31, 12 VOLT MAINTENANCE FREE 2190 CCA 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			
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8		
295-029	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2		
180-1AK	EATON FULLER ECA CLUTCH	25		
181-002	ZERK FITTING WITH EXTENSION HOSE AT CLUTCH RELEASE BEARING			
182-011	ELECTRONIC CLUTCH CONTROL			
107-044	BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE			
131-013	AIR COMPRESSOR DISCHARGE LINE			
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM			
128-002	JACOBS COMPRESSION BRAKE			
016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE			
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH			
239-026	10 FOOT 06 INCH (126 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		a.	
233-017	STANDARD CURVE BRIGHT UPPER STACK(S)			

Application Version 10.1.002 Data Version PRL-18T.011 Tandem_DD13_DumpTruck



Data Code	Description	Weight Front	Weight Rear	
237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP			
23U-002	13 GALLON DIESEL EXHAUST FLUID TANK	35	10	
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			
23Z-002	NON-POLISHED ALUMINUM DIESEL EXHAUST FLUID TANK COVER	20	10	
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			
242-001	STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD			
273-036	BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH			
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED			
110-068	DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-FUEL INDICATOR			
118-001	FULL FLOW OIL FILTER			
266-057	1500 SQUARE INCH ALUMINUM RADIATOR			
267-006	MOUNTING FOR FIREWALL MOUNTED SURGE TANK			
103-036	ANTIFREEZE TO -34F, ETHYLENE GLYCOL PRE- CHARGED SCA HEAVY DUTY COOLANT			
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			
270-023	HDEP FIXED RATIO COOLANT PUMP AND RADIATOR DRAIN VALVE			
168-998	NO RADIATOR/OIL PAN GUARD	-5		
138-005	PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER			
166-005	PHILLIPS-TEMRO 300 WATT/115 VOLT OIL PREHEATER			
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			
134-001	ALUMINUM FLYWHEEL HOUSING			
155-075	MITSUBISHI 12V MOD 3.175-DP60 STARTER WITH INTEGRATED MAGNETIC SWITCH			

Transmission

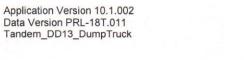


Prepared by:
Mike Sartin
PREMIER TRUCK GROUP OF
TULSA
5104 W. 60TH STREET
TULSA, OK 74107

	TULSA, C	JK	74107
Phone:	918-445-5300) ex	t 4061

Data Code	Description	Weight Front	Weight Rear	
342-1PA	EATON FULLER FO-16E313A-MHP ULTRASHIFT PLUS TRANSMISSION	160	70	
Transmission E	quipment			
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED			
347-002	ALUMINUM CLUTCH HOUSING	-50		
362-1T6	CUSTOMER INSTALLED CHELSEA 489 SERIES PTO			
363-003	PTO MOUNTING, BOTTOM OF MAIN TRANSMISSION			
341-017	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION FILL AND DRAIN, AXLE(S) FILL AND DRAIN			
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED			
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK			
35T-003	SYNTHETIC TRANSMISSION LUBE			
Front Axle and I	Equipment			
400-1BA	DETROIT DA-F-18.0-5 18,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE			
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			
403-002	NON-ASBESTOS FRONT BRAKE LINING			
419-023	CONMET CAST IRON FRONT BRAKE DRUMS			
409-006	FRONT OIL SEALS			
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL			
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			
406-001	STANDARD KING PIN BUSHINGS			
536-012	TRW TAS-85 POWER STEERING			
539-003	POWER STEERING PUMP			
534-003	4 QUART POWER STEERING RESERVOIR	5		
* 618-002	STANDARD CUPS AND CONES (WHEEL BEARINGS) FRONT AND REAR			
	REF KF6699			
40T-003	SYNTHETIC 50W FRONT AXLE LUBE			

Front Suspension





Prepared by: Mike Sartin PREMIER TRUCK GROUP OF TULSA 5104 W. 60TH STREET TULSA, OK 74107

	TOLON, OIL THIOT	
Phone:	918-445-5300 ext 4061	

Da	ta Code	Description	Weight Front	Weight Rear	
620	0-013	18,000# TAPERLEAF FRONT SUSPENSION	-90		
619	9-002	THREADED SPRING PINS AND BUSHINGS - FRONT SUSPENSION			
410	0-001	FRONT SHOCK ABSORBERS			
Rear Axle	and Equi	ipment			
42	0-1K4	MT-40-14XP 40,000# R-SERIES TANDEM REAR AXLE		-30	
42	1-370	3.70 REAR AXLE RATIO			
42	4-003	IRON REAR AXLE CARRIER WITH OPTIONAL HEAVY DUTY AXLE HOUSING			
38	6-075	MXL 18T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	40	40	
38	8-073	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES			
45.	2-006	DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES		30	
87	8-023	(1) INTERAXLE LOCK VALVE, (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD- REAR AND REAR-REAR AXLE VALVE			
87	A-005	INDICATOR LIGHT FOR EACH INTERAXLE LOCKOUT SWITCH			
87	B-008	INDICATOR LIGHT FOR EACH DRIVER CONTROLLED TRACTION DEVICE SWITCH			
42	3-019	MERITOR 16.5X8.62 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			
43	3-002	NON-ASBESTOS REAR BRAKE LINING			
43	4-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)			
45	1-023	CONMET CAST IRON REAR BRAKE DRUMS			
44	0-006	REAR OIL SEALS			
42	6-1B3	BENDIX EVERSURE LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS			
42	8-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS			
41	T-002	SYNTHETIC 75W-90 REAR AXLE LUBE			
Rear Susp	ension				
62	2-286	TUFTRAC 46,000# REAR SPRING SUSPENSION		490	
62	1-055	TUFTRAC STANDARD RIDE HEIGHT			
43	31-003	AXLE CLAMPING GROUP			
62	24-028	56 INCH AXLE SPACING			
62	3-006	FORE/AFT AND TRANSVERSE CONTROL RODS			

Application Version 10.1.002 Data Version PRL-18T.011 Tandem_DD13_DumpTruck

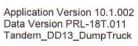


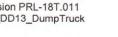
Data Code	Description	Weight Front	Weight Rear	
439-001	REAR SHOCK ABSORBERS - ONE AXLE			
Brake System				
490-107	WABCO 4S/4M ABS WITH HILL START AID AND AUTOMATIC TRACTION CONTROL			
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			
904-001	FIBER BRAID PARKING BRAKE HOSE			
412-001	STANDARD BRAKE SYSTEM VALVES			
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			
479-004	AIR DRYER MOUNTED OUTBOARD ON LH RAIL			
460-090	STEEL AIR BRAKE RESERVOIRS, NO TRIPLE OR TORPEDO TANKS			
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS			
485-003	QUICK DISCONNECT FITTING WITH TIRE INFLATION KIT	2		
Trailer Connections				170 Fb
914-001	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS			
296-010	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION			
297-001	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME			
Wheelbase & Frame				
545-575	5750MM (226 INCH) WHEELBASE			
546-102	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI	460	80	
552-030	1600MM (63 INCH) REAR FRAME OVERHANG			
55W-006	FRAME OVERHANG RANGE: 61 INCH TO 70 INCH			
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA): 144.78 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA): 141.78 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL: 306.36			

Application Version 10.1.002 Data Version PRL-18T.011 Tandem_DD13_DumpTruck



	Data Code	Description	Weight Front	Weight Rear
	AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 144.78 in		
	FSS-0LH	CALCULATED FRAME SPACE LH SIDE: 73.18 in		
	FSS-0RH	CALCULATED FRAME SPACE RH SIDE: 93.08 in		
	553-001	SQUARE END OF FRAME		
	559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
	561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION		
	562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
	572-001	STANDARD REARMOST CROSSMEMBER		
	565-002	HEAVY DUTY SUSPENSION CROSSMEMBER		
	568-001	STANDARD WEIGHT REAR SUSPENSION CROSSMEMBER		
Chassi	s Equipment			
	556-075	16 INCH CHROMED STEEL BUMPER		
	558-033	REMOVABLE FRONT TOW HOOKS STORED ON THE CHASSIS FRAME	25	
	574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
	586-015	FRONT ANTI-SPRAY CAB MOUNTED MUDFLAPS		
	551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
	44Z-002	EXTERIOR HARNESSES WRAPPED IN ABRASION TAPE		
Fuel Ta	anks			
	204-154	80 GALLON/302 LITER ALUMINUM FUEL TANK - LH	10	
	218-006	25 INCH DIAMETER FUEL TANK(S)		
	215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
	212-007	FUEL TANK(S) FORWARD		
	664-002	POLISHED STEP FINISH		
	205-001	FUEL TANK CAP(S)		
	122-1K3	DAVCO 487 FUEL/WATER SEPARATOR WITH ESOC	15	
	216-020	EQUIFLO INBOARD FUEL SYSTEM		
	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
	221-008	FUEL COOLER MOUNTED LEFT HAND IN RAIL		
Tires				







	Data Code	Description	Weight Front	Weight Rear	
	093-1VM	MICHELIN X LINE ENERGY Z 315/80R22.5 20 PLY RADIAL FRONT TIRES	50		
	094-2F7	CONTINENTAL HDR2 11R22.5 16 PLY RADIAL REAR TIRES		184	
Hubs					
	418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS			and the state of
	450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS			
Wheels	3				
	502-356	ALCOA ULTRA ONE 89U64X 22.5X9.00 10-HUB PILOT 5.99 INSET ALUMINUM FRONT WHEELS	-28		
	505-659	ACCURIDE 42644 ACCU-LITE 22.5X8.25 10-HP ALUMINUM DISC REAR WHEELS		-240	
	496-011	FRONT WHEEL MOUNTING NUTS			
	497-011	REAR WHEEL MOUNTING NUTS			
Cab Ex	cterior				
	829-1A8	110 INCH BBC STEEL CONVENTIONAL CAB			
	82A-008	WESTERN STAR STAINLESS STEEL CAB SKIRT			
	650-044	AIR CAB MOUNTS WITH CHECK VALVE			
	648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE			
	667-001	FRONT FENDERS			
	754-001	2 INCH FENDER EXTENSIONS	5		
	678-039	LH AND RH EXTERIOR GRAB HANDLES WITH RUBBER INSERT AND LH AND RH INTERIOR GRAB HANDLES MOUNTED TO A POST			
	646-008	STATIONARY BRIGHT FINISH GRILLE			
	65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE			
	640-008	GALVANEALED STEEL SEVERE SERVICE CAB			
	644-004	FIBERGLASS HOOD			
	727-012	DUAL HADLEY SD-978 26 INCH RECTANGULAR AIR HORNS			
	726-002	DUAL ELECTRIC HORNS			
	728-002	DUAL HORN SHIELDS			
	657-003	ALL VEHICLES AND COMPONENTS TO BE KEYED ALIKE			
	575-001	REAR LICENSE PLATE MOUNT END OF FRAME			
	312-072	SINGLE RECTANGULAR SEALED BEAM HEADLIGHTS WITH BRIGHT BEZELS			
	302-001	(5) AMBER MARKER LIGHTS			





	Data Code	Description	Weight Front	Weight Rear
	311-001	DAYTIME RUNNING LIGHTS		
	294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS		
	300-015	STANDARD FRONT TURN SIGNAL LAMPS		
	744-1E2	DUAL WEST COAST STAINLESS STEEL HEATED MIRRORS WITH LIGHTS AND LH AND RH REMOTE		
	797-001	DOOR MOUNTED MIRRORS		
	796-001	102 INCH EQUIPMENT WIDTH		
	743-1AC	LH AND RH 8 INCH STAINLESS STEEL CONVEX MIRRORS MOUNTED BELOW PRIMARY MIRRORS		
	74A-998	NO AUXILIARY MIRROR		
	729-001	STANDARD SIDE/REAR REFLECTORS		
	677-055	RH AFTERTREATMENT SYSTEM CAB ACCESS WITH POLISHED DIAMOND PLATE COVER		
	764-002	STAINLESS STEEL EXTERIOR SUN VISOR	28	
	768-050	17.5X35 INCH LAMINATED SAFETY GLASS TINTED REAR WINDOW		
	661-006	TINTED DOOR GLASS		
	654-011	RH AND LH ELECTRIC POWERED WINDOWS	4	
	769-002	LOWER RH DOOR WINDOW WITH FRESNEL LENS	7	
	663-002	2-PIECE TINTED CURVED GASKET MOUNTED WINDSHIELD		
	659-025	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, MOUNTED UNDER CAB, WITH REMOTE FILL		
Cab I	nterior			
Section (Section (Sec	707-1D9	NEW OBSIDIAN BLACK VINYL PREMIUM INTERIOR	CONTRACTO GALLEGI DALLAGO	
	70K-005	BLACK HARD TRIM		
	706-049	BASE LEFT HAND DOOR TRIM		
	708-049	BASE RIGHT HAND DOOR TRIM		
	772-006	BLACK MATS WITH SINGLE INSULATION		
	785-007	DASH MOUNTED ASH TRAY AND LIGHTER, DRIVER SIDE		
	691-001	FORWARD ROOF MOUNTED CONSOLE		
	694-009	PASSENGER SIDE WING DASH MOUNTED GLOVE BOX WITH LOCKING DOOR		
	693-025	LH AND RH DOOR MAP POCKETS		
	741-015	(2) COAT HOOKS ON BACKWALL OF CAB		





	Data Code	Description	Weight Front	Weight Rear	
	742-032	(1) DOUBLE CUP HOLDER WITH CELL PHONE HOLDER LH OR RH DASH			
	680-033	BLACK SOFT TOUCH WING DASH WITH DRIVER SIDE COSMETIC UNDER DASH COVER			
	320-004	STANDARD WIRING			
	720-003	5 LB. FIRE EXTINGUISHER	10		
	700-023	HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT TEMPERATURE CONTROL AND COSMETIC COVER			
	701-010	HVAC DUCTING WITH FOAM MAIN FRESH AIR FILTER AND OUTSIDE PRE-FILTER			
	703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			
	170-045	STANDARD HEATER PLUMBING WITH BALL SHUTOFF VALVES AT SUPPLY LINES ONLY			
	130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR			
	698-001	RADIATOR MOUNTED AIR CONDITIONER CONDENSER			
	702-002	BINARY CONTROL, R-134A			
	739-001	CAB INSULATION			
	285-019	AUTOMATIC SELF-RESET CIRCUIT BREAKER IN MAIN DASH POWER DISTRIBUTION BOX AND CIRCUIT BREAKER/FUSE IN AUXILIARY POWER DISTRIBUTION BOXES			
	324-075	DOOR ACTIVATED DOME LIGHT, UNDER DASH LIGHT AND LH AND RH DOOR MOUNTED COURTESY LIGHTS			
	655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS			
	284-023	(1) 12 VOLT POWER SUPPLY IN DASH			
	756-1DD	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT			
	760-294	BATTERY BOX MID BACK NON SUSPENSION PASSENGER SEAT			
	759-007	DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	4		
	758-1AK	BLACK VINYL DRIVER SEAT COVER			
*	761-1AK	BLACK VINYL PASSENGER SEAT COVER			
		REF KF6699			
	763-003	3 POINT DRIVER AND PASSENGER SEAT BELT RETRACTORS			





Data Code	Description	Weight Front	Weight Rear
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN		
540-020	2-SPOKE 18 INCH (450MM) BLACK STEERING WHEEL(S)		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		
Instruments & Cor	ntrols		
185-002	NON-ADJUSTABLE SUSPENDED PEDALS		
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK		
870-005	STAR GAUGES WITH BRIGHT BEZELS		
732-018	ROYAL ROSEWOOD MATTE FINISH DRIVER INSTRUMENT PANEL		
734-017	ROSEWOOD VINYL MATTE FINISH CENTER INSTRUMENT PANEL INSERT		
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-002	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS		
721-001	97 DB BACKUP ALARM		3
149-012	CRUISE CONTROL SWITCHES IN THE CENTER PANEL		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-001	WARNING LAMP/LIGHT BAR DISPLAY, NON-DATA LINKED		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
845-011	FUEL FILTER RESTRICTION INDICATOR		
148-073	ENGINE REMOTE INTERFACE FOR REMOTE THROTTLE		
163-013	ENGINE REMOTE INTERFACE CONNECTOR IN CAB BETWEEN DRIVER AND PASSENGER SEATS		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		





	Data Code	Description	Weight Front	Weight Rear
	372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS		
	852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
	746-114	AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10	
	747-002	ROOF/OVERHEAD CONSOLE MOUNTED RADIO		
	750-004	(4) RADIO SPEAKERS IN CAB		
	753-019	AM/FM ANTENNA MOUNTED ON RH FRONT A- PILLAR	2	
	748-034	POWER AND GROUND WIRING FOR CB RADIO IN OVERHEAD CONSOLE AND TOP OF DASH WITH CB TRAY	5	
	749-006	TOP OF DASH MOUNT CB RADIO PROVISION WITH PLATE AND STRAPS	2	
	752-017	MULTI-BAND AM/FM/WB/CB LH MIRROR MOUNTED ANTENNA SYSTEM		
	810-042	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITH ODOMETER		
	817-001	STANDARD VEHICLE SPEED SENSOR		
	812-003	ELECTRONIC 3000 RPM TACHOMETER WITH HOUR METER		
	813-1B4	VT-HU CONNECTIVITY PLATFORM HARDWARE		
	8D1-005	5 YEARS DETROIT CONNECT BASE PACKAGE (VIRTUAL TECHNICIAN, DETROIT CONNECT PORTAL ACCESS) FOR VT-HU CONNECTIVITY PLATFORM		
	162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
	482-001	BW TRACTOR PROTECTION VALVE		
	883-001	TRAILER HAND CONTROL BRAKE VALVE		
	836-001	2 INCH VOLTMETER		
	660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		
	304-015	CAB/TRAILER MARKER LIGHT SWITCH WITH SEPARATE HEADLIGHT SWITCH		
	882-021	TWO VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR		
	299-032	VSM NON CANCELING TURN SIGNAL SWITCH WITH INTEGRAL HEADLAMP DIMMER WITHOUT BRAKE OVERRIDE		
	298-036	PACIFIC INSIGHT ELECTRONIC FLASHER		
Design	1			
	Street, Street			

Application Version 10.1.002 Data Version PRL-18T.011 Tandem_DD13_DumpTruck



	Data Code	Description	Weight Front	Weight Rear	
Color					
	980-5F6	CAB COLOR A: L0006EB WHITE ELITE BC			
	96J-001	CAB INTERIOR PAINTED SAME AS CAB COLOR			
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			
Certific	cation / Com	pliance			
	996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS			
Sales I	Programs				
	PMY-1X8	STARQUOTE STOCK TRUCK SALES PROGRAM			
		TOTAL VEHICLE SUM	MMAR	Y	

Weight Summary			
	Weight	Weight	Total
	Front	Rear	Weight
Factory Weight ⁺	9881 lbs	7377 lbs	17258 lbs
Total Weight ⁺	9881 lbs	7377 lbs	17258 lbs

Extended Warranty

WAG-011 TOWING: 2 YEARS/UNLIMITED MILES/KM EXTENDED TOWING COVERAGE \$550 CAP FEX APPLIES

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

