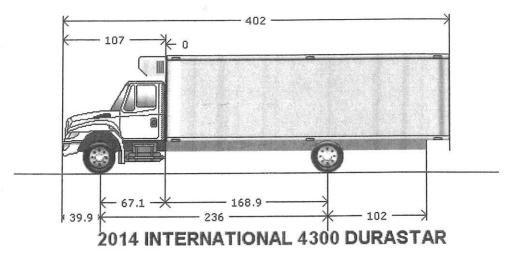
Sacramento City Unified School District Delivery Trucks (Nutritional Services) BID # 130108 **ATTACHMENT A**



Model Profile 2014 4300 SBA 4X2 (MA025)

APPLICATION:

Refrigerated Van

MISSION:

Requested GVWR: 25500. Calc. GVWR: 25999

Calc. Start / Grade Ability: 28.30% / 2.86% @ 55 MPH

Calc. Geared Speed: 68.2 MPH

DIMENSION:

Wheelbase: 236.00, CA: 168.90, Axle to Frame: 102.00

ENGINE, DIESEL:

{MaxxForce DT} EPA 10, 230 HP @ 2200 RPM, 620 lb-ft Torque @ 1300 RPM, 2400 RPM

Governed Speed

TRANSMISSION, AUTOMATIC:

{Allison 2500_RDS_P} 4th Generation Controls; Wide Ratio, 5-Speed, With Overdrive; On/Off

Hwy; 33,000 lb GVW & GCW Max., With PTO Provision, Less Retarder

CLUTCH:

Omit Item (Clutch & Control)

AXLE, FRONT NON-DRIVING:

{Dana Spicer E-1202I} I-Beam Type, 11,000-lb Capacity

AXLE, REAR, SINGLE:

{Dana Spicer 21060S} Single Reduction, 21,000-lb Capacity, 190 Wheel Ends Gear Ratio: 5.57

Conventional

TIRE, FRONT:

(2) 295/75R22.5 R260F (BRIDGESTONE) 512 rev/mile, load range G, 14 ply (4) 295/75R22.5 R260F (BRIDGESTONE) 512 rev/mile, load range G, 14 ply

TIRE, REAR: SUSPENSION, RR, SPRING, SINGLE: Vari-Rate; 23,500-lb Capacity, With 4500 lb Auxiliary Rubber Spring

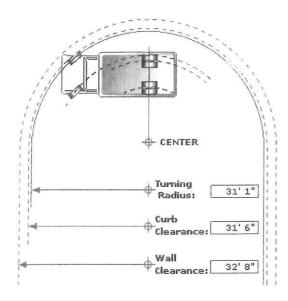
PAINT:

CAB:

Cab schematic 100GA

Location 1: 9219, Winter White (Std)

Chassis schematic N/A



Turning Radius Summary 2014 4300 SBA 4X2 (MA025)

Series: Model:

4000 MA025

Description:

4300 SBA 4X2

Model Year: 2014

Calculation Factors

Wheelbase:

236

Front Axle: Description: 0002AHZ

AXLE, FRONT NON-DRIVING, {Dana Spicer E-1202I} I-

Beam Type, 11,000-lb Capacity

Front Wheel:

0027DMA

Description:

WHEELS, FRONT, DISC; 22.5" Painted Steel, 2 Hand Hole, 10 Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric

Mount, 8.25 DC Rims; With Steel Hubs

Front Tire:

07702499054

Description:

TIRES, 295/75R22.5 R260F (BRIDGESTONE) 512 rev/mile,

load range G, 14 ply

Steering Gear:

0005PSA

Description:

STEERING GEAR, {Sheppard M-100} Power

Turning Radius Statistics

General Information

Inside Turn Angle:

50 Degrees

Radial Overhang:

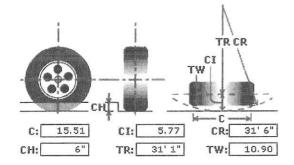
19

Axle Information

KingPin Inclination:

5.5 Degrees

KingPin Center:



Turning Radius - Curb View

15.51 C - Curb Contact Length: - Curb Clearance Increment: 5.77 CI - Curb Clearance Radius: 31'6" CR - Curb Height: 6" CH 31'1" - Turning Radius: TR 10.90 - Tire Width: TW

This information is based on engineering information available at this time. Actual figures may vary. Navistar, Inc. cannot accept liability for consequences due to this variance.

^{*} All Measurements are in inches, unless otherwise specified.

Code	Description	F/R Wt	Tot Wt
MA02500	Base Chassis, Model 4300 SBA 4X2 with 236.00 Wheelbase, 168.90 CA, and 102.00 Axle to Frame.	6139/2791	8930
1CAE	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); 420.0" (10668mm) Maximum OAL	114/482	596
1LLE	BUMPER, FRONT Full Width, Aerodynamic, Heavy Duty, Steel	48/-5	43
	Includes : BUMPER, FRONT Powder Coated Gray (Argent) Color		
1SAL	CROSSMEMBER, REAR, AF (01)	0/20	20
1WEJ	WHEELBASE RANGE 199" (505cm) Through and Including 254" (645cm)	0/0	0
2AHZ	AXLE, FRONT NON-DRIVING {Dana Spicer E-1202I} I-Beam Type, 11,000-lb Capacity	25/0	25
3AGE	SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 11,000-lb Capacity; With Shock Absorbers	73/0	73
	Includes : SPRING PINS Rubber Bushings, Maintenance-Free		
	Notes: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.		
4085	BRAKE SYSTEM, HYDRAULIC {Meritor Wabco} Split System, Full Power, With Automatic Adjustment And With Four Channel ABS	0/0	0
4GAR	BRAKE, PARKING {Bosch} DSSA Type, 12" x 3"; for Hydraulic Brake Chassis; Activated by Lever in Cab; Differential Mounted	0/0	0
	Includes : PARKING BRAKE CONTROL Lever, Floor Mounted, Located Right of Driver		
4JNP	BRAKES, FRONT, HYDRAULIC DISC Quadraulic; four 70mm Diameter Pistons	0/0	0
4NNL	BRAKES, REAR, HYDRAULIC DISC Quadraulic; four 70mm Diameter Pistons	0/0	0
5708	STEERING COLUMN Tilting	10/0	10
5CAL	STEERING WHEEL 2-Spoke, 18" Diam., Black	0/0	0
5PSA	STEERING GEAR (Sheppard M-100) Power	25/0	25
7BDA	EXHAUST SYSTEM Single, Horizontal, Aftertreatment Device Frame Mounted Right Side Back of Cab, Includes Horizontal Tail Pipe	0/0	0
	<u>Includes</u> : NOTE: The Horizontal Tailpipe Includes a Temperature Control Device		
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment	0/0	0
	Includes : BATTERY BOX Steel : DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab : FUSES, ELECTRICAL SAE Blade-Type : HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover : HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever : HORN, ELECTRIC Single : JUMP START STUD Located on Positive Terminal of Outermost Battery : PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light		

Code	Description	F/R Wt (lbs)	Tot Wt
	: 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 : TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn Signals,	()	(133)
	Solid State Flashers; Flush Mounted : 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		
8518	CIGAR LIGHTER Includes Ash Cup	1/0	1
8540	HORN, ELECTRIC (2)	2/0	2
8GGZ	ALTERNATOR {Leece-Neville LBP2224H} Brush Type; 12 Volt 120 Amp. Capacity, Pad Mount	0/0	0
8НАВ	BODY BUILDER WIRING Back of Standard Cab at Left Frame or Under 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	2/0	2
8MKX	BATTERY SYSTEM (International) Maintenance-Free (3) 12-Volt 2775CCA Total	48/10	58
8RJV	RADIO {International} AM/FM Stereo With Weatherband, Clock, Auxiliary Input, Includes Multiple Speakers	3/0	3
	Includes : SPEAKERS IN CAB (2) Dual-Cone with Deluxe Interior : SPEAKERS IN CAB (4) Coaxial with Premium Interior		
8THB	BACK-UP ALARM Electric, 102 dBA	0/3	3
8WGL	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	0/0	0
8WPB	HEADLIGHTS Halogen; Composite Aero Design for Two Light System; Includes Daytime Running Lights	0/0	0
8WPH	CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade	0/0	0
8WPM	FOG LIGHTS (2) Clear, Oval, With H355W Halogen Bulb	5/0	5
	Notes : Fog Lights are Not Driving Lights		
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
8WTK	STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt; less Thermal Over-Crank Protection	0/0	0
8WWJ	INDICATOR, LOW COOLANT LEVEL With Audible Alarm	0/0	0
8WXD	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened	0/0	0
HAX8	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses	0/0	0

Code	Description	F/R Wt (lbs)	Tot Wt (lbs)
9HAD	GRILLE Chrome	0/0	0
9WAC	BUG SCREEN Front End; Mounted Behind Grille	5/0	5
9WAY	FRONT END Tilting, Fiberglass, With Three Piece Construction	0/0	0
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100	0/0	0
	Includes : PAINT SCHEMATIC ID LETTERS "GA"		
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone	0/0	0
10WGD	SPECIAL RATING, GVWR Limited to 25,999-lb GVWR	0/0	0
11001	CLUTCH Omit Item (Clutch & Control)	-67/-8	-75
12NUL	ENGINE, DIESEL {MaxxForce DT} EPA 10, 230 HP @ 2200 RPM, 620 lb-ft Torque @ 1300 RPM, 2400 RPM Governed Speed	0/0	0
	Includes : AIR COMPRESSOR AIR SUPPLY LINE Naturally-Aspirated (Air Brake Chassis Only) : ANTI-FREEZE Red Shell Rotella Extended Life Coolant; -40 Degrees F/ -40		
	Degrees C; for MaxxForce Engines : COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control		
	: CRUISE CONTROL Electronic; Controls Integral to Steering Wheel : ENGINE OIL DRAIN PLUG Magnetic : ENGINE SHUTDOWN Electric, Key Operated		
	 : FUEL FILTER Included with Fuel/Water Separator : FUEL/WATER SEPARATOR Fuel/Water Separator and Fuel Filter in a Single Assembly; With Water-in-Fuel Sensor; Engine Mounted : GOVERNOR Electronic : OIL FILTER, ENGINE Spin-On Type : WET TYPE CYLINDER SLEEVES 		
	Notes : Recommend Code 12THT when using front mount obstructions (winches, cones, reels, etc.) that restrict air flow through the radiator.		
12TSY	FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On	0/0	0
	Includes : FAN Nylon		
12UAY	RADIATOR Aluminum; 2-Row, Cross Flow, Over Under System, 817 SqIn Louvered, With 262 SqIn CAC, With In Tank Oil Cooler	52/-1	51
	Includes : DEAERATION SYSTEM with Surge Tank : HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps : RADIATOR HOSES Premium, Rubber		
12UXG	FEDERAL EMISSIONS for 2010; MaxxForce DT Engines	0/0	0
12VBR	AIR CLEANER With Service Protection Element	0/0	0
	Includes : GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted		

Code	Description		Tot Wt
12VXT	THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel	(lbs) 0/0	(lbs) 0
12VZA	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for MaxxForce post 2007 Emissions Electronic Engines	0/0	0
12WTA	FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted	14/-1	13
12WZC	EMISSION COMPLIANCE 5 Min., Tamper-Proof Engine Shutdown System, Complies With California Clean Air Regulations, Does Not Certify Engine for Low-NOx Extended Idling	0/0	0
13ALX	TRANSMISSION, AUTOMATIC {Allison 2500_RDS_P} 4th Generation Controls; Wide Ratio, 5-Speed, With Overdrive; On/Off Hwy; 33,000 lb GVW & GCW Max., With PTO Provision, Less Retarder	-21/1	-20
	Includes : OIL FILTER, TRANSMISSION Mounted on Transmission : TRANSMISSION OIL PAN Magnet in Oil Pan	×	
13WLN	TRANSMISSION OIL Synthetic; 20 thru 28 Pints	0/0	0
13VVYL	SHIFT CONTROL PARAMETERS Allison Performance Programming in Primary and Allison Economy Programming in Secondary	0/0	0
14AGG	AXLE, REAR, SINGLE {Dana Spicer 21060S} Single Reduction, 21,000-lb Capacity, 190 Wheel Ends . Gear Ratio: 5.57	0/-18	-18
	Includes : REAR AXLE DRAIN PLUG (1) Magnetic, For Single Rear Axle		
	Notes : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires. : When Specifying Axle Ratio, Check Performance Guidelines and TCAPE for Startability and Performance		
14VAH	SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 23,500-lb Capacity, With 4500 lb Auxiliary Rubber Spring	0/66	66
	Notes : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.		
14WLA	AXLE, REAR, LUBE {EmGard 75W-90} Synthetic Oil; 1 thru 29.99 Pints	0/0	0
15SGK	FUEL TANK Top Draw; D Style, Non Polished Aluminum, 50 U.S. Gal., 189 L Capacity, 16" Deep, with Quick Connect Outlet, Mounted Right Side, Under Cab	0/0	0
16030	CAB Conventional	0/0	0
	Includes : ARM REST (2) Molded Plastic; One Each Door : CLEARANCE/MARKER LIGHTS (5) Flush Mounted : COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window : CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel : DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted : GLASS, ALL WINDOWS Tinted		

Code	Description	F/R Wt (lbs)	Tot Wt
	: GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side : GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side : INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color	(155)	(150)
16917	MOUNTING BRACKETS for Catwalk, Less Roof Catwalk	3/0	3
16HBA	GAUGE CLUSTER English With English Electronic Speedometer	0/0	0
	Includes : GAUGE CLUSTER (5) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter : ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout : WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)		
16HGH	GAUGE, OIL TEMP, ALLISON TRAN	1/0	1
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	0/0	0
16JNZ	SEAT, DRIVER {National 2000} Self Contained with Compressor, High Back with Integral Head Rest, Vinyl, Isolator, Mechanical Lumbar, 2 Position Front Cushion Adjust, -3 to +14 Degree Back Angle Adjust	7/2	9
	Includes : SEAT BELT 3-Point, Lap and Shoulder Belt Type		
16PJH	SEAT, PASSENGER {Gra-Mag} Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl	39/11	50
	Includes : SEAT BELT 3-Point, Lap and Shoulder Belt Type		
16SDL	MIRRORS (2) {Lang Mekra} Rectangular, 7.44" x 14.84" & 7.44" sq. Convex Both Sides, 102" Inside Spacing, Breakaway Type, Heated Heads Thermostatic Controlled, Black Heads, Brackets and Arms	0/0	0
16WCT	AIR CONDITIONER (Blend-Air) With Integral Heater & Defroster	67/4	71
	Includes : HEATER HOSES Premium : HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps : REFRIGERANT Hydrofluorocarbon HFC-134A		
16WJS	INSTRUMENT PANEL Center Section, Flat Panel	0/0	0
16WKY	HVAC FRESH AIR FILTER	4/0	4
16WRX	CAB INTERIOR TRIM Deluxe	0/0	0
	Includes : "A" PILLAR COVER Molded Plastic : CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering : CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket : DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors : FLOOR COVERING Rubber, Black : HEADLINER Soft Padded Cloth		

Code	Description	F/R Wt	Tot Wt
	: INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section : STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door : SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console	(ibe)	(103)
27DMA	WHEELS, FRONT DISC; 22.5" Painted Steel, 2 Hand Hole, 10 Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs	4/0	4
	Includes : PAINT IDENTITY, FRONT WHEELS White		
	Notes : Compatible Tire Sizes: 11R22.5, 12R22.5, 255/70R22.5, 255/80R22.5, 265/75R22.5, 275/70R22.5, 275/80R22.5, 295/75R22.5, 295/80R22,5		
28DMA	WHEELS, REAR DUAL DISC; 22.5" Painted Steel, 2 Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs	0/24	24
	Includes : PAINT IDENTITY, REAR WHEELS White		
	Notes : Compatible Tire Sizes: 11R22.5, 12R22.5, 255/70R22.5, 255/80R22.5, 265/75R22.5, 275/70R22.5, 275/80R22.5, 295/75R22.5, 295/80R22,5		
7702499054	(2) TIRE, FRONT 295/75R22.5 R260F (BRIDGESTONE) 512 rev/mile, load range G, 14 ply	62/0	62
7702499054	(4) TIRE, REAR 295/75R22.5 R260F (BRIDGESTONE) 512 rev/mile, load range G, 14 ply	0/124	124
	Services Section:		
40BKC	SERVICES, TOWING To 48-Month/125,000 Miles (200,000 km), 4500 Hours; Service Call to the Vehicle or Towing to the Nearest International Dealership for a Non-Drivable Unit in Conjunction with an International Warrantable Failure; \$250 (USA) Maximum Benefit per Incident	0/0	0
	Total Component Weight:	6665/3505	10170
1	A Supreme 22' Kold King Refer Body. L-22' H-96" W-102" OD. Actual 21'8" x 90" x 94" Includes Maxon RC-3 3000lb Gate 66" x 96" +12" Fixed Ramp.	0/0	0
2	ReferA Carrier Supra 760 (replaces the Supra 750) with Standby. 230v 3-Phrase. Includes Stop/Start and Electric Standby. Meets latest CARB Requirements.	0/0	0
	Total Body Allied:	0/0	0
	###	0/0	0
	Fire Ext. & Reflector Kit	0/0	0
	Fuel for Delivery	0/0	0
	Federally Mandated On-Board Diagnostics.	0/0	0
	Total Goods Purchased:	0/0	0