



AGENDA REQUEST

TO: Mayor and City Council

FROM: Chuck Williams

DATE 02/26/2020

SUBJECT: BID APPROVAL

Request –

Approval to purchase complete knuckleboom truck – Bid 2020-002PW

Attached –

Memo and Bid Documents



Public Works Department Memorandum

To: Mayor Shelton and City Council

From: Mr. Chuck Williams

VIA: Don Lewis
Kim Hanna

Re: Bid approval

Date: 02/26/2020

Copy: Missy Shelton

Bid Openings: 02/24/2020 10:00 a.m.

2020-002PW

Attendance:
Traci Dillard Finance Dept

2020-002PW Fully Assembled Knuckle Boom Truck: Two bidders responded. We recommend that Tag Truck Center be approved as the lowest and best bid for a fully assembled knuckle boom truck. \$159,000.00

Title:	2020-002PW COMPLETE KNUCKLEBOOM TRUCK
Agency:	Mississippi > City of Tupelo
Start date:	24-Feb-2020 10:00:00 AM
End date:	24-Feb-2020 10:30:00 AM

BidID	Username	Bid Amount	Bid Submittal Date/Time	First Name	Last Name	Company name	Email Address	Phone Number
38961	TAG1	159000.0000	24-Feb-2020 10:19:08 AM	John	Foster	TAG Truck Center	tfoster@tagtruckcenter.com	8628718897
38960	SummitTupelo	159800.0000	24-Feb-2020 10:18:50 AM	Bruce	Underwood	Summit Truck Group	bruce.underwood@summittruckgroup.com	8628423401
38959	TAG1	160000.0000	24-Feb-2020 10:18:38 AM	John	Foster	TAG Truck Center	tfoster@tagtruckcenter.com	8628718897
38958	SummitTupelo	160500.0000	24-Feb-2020 10:18:28 AM	Bruce	Underwood	Summit Truck Group	bruce.underwood@summittruckgroup.com	8628423401
38957	TAG1	161000.0000	24-Feb-2020 10:17:46 AM	John	Foster	TAG Truck Center	tfoster@tagtruckcenter.com	8628718897
38956	SummitTupelo	162000.0000	24-Feb-2020 10:17:37 AM	Bruce	Underwood	Summit Truck Group	bruce.underwood@summittruckgroup.com	8628423401
38955	TAG1	163000.0000	24-Feb-2020 10:17:27 AM	John	Foster	TAG Truck Center	tfoster@tagtruckcenter.com	8628718897
38954	SummitTupelo	164500.0000	24-Feb-2020 10:17:19 AM	Bruce	Underwood	Summit Truck Group	bruce.underwood@summittruckgroup.com	8628423401
38953	TAG1	165000.0000	24-Feb-2020 10:17:08 AM	John	Foster	TAG Truck Center	tfoster@tagtruckcenter.com	8628718897
38952	SummitTupelo	165250.0000	24-Feb-2020 10:16:53 AM	Bruce	Underwood	Summit Truck Group	bruce.underwood@summittruckgroup.com	8628423401
38951	TAG1	167000.0000	24-Feb-2020 10:16:28 AM	John	Foster	TAG Truck Center	tfoster@tagtruckcenter.com	8628718897
38950	SummitTupelo	168500.0000	24-Feb-2020 10:16:16 AM	Bruce	Underwood	Summit Truck Group	bruce.underwood@summittruckgroup.com	8628423401
38949	TAG1	170000.0000	24-Feb-2020 10:16:03 AM	John	Foster	TAG Truck Center	tfoster@tagtruckcenter.com	8628718897
38948	SummitTupelo	172000.0000	24-Feb-2020 10:15:55 AM	Bruce	Underwood	Summit Truck Group	bruce.underwood@summittruckgroup.com	8628423401
38947	TAG1	175000.0000	24-Feb-2020 10:15:37 AM	John	Foster	TAG Truck Center	tfoster@tagtruckcenter.com	8628718897
38946	SummitTupelo	176820.0000	24-Feb-2020 10:14:51 AM	Bruce	Underwood	Summit Truck Group	bruce.underwood@summittruckgroup.com	8628423401
38945	TAG1	179000.0000	24-Feb-2020 10:13:40 AM	John	Foster	TAG Truck Center	tfoster@tagtruckcenter.com	8628718897
38944	SummitTupelo	181520.0000	24-Feb-2020 10:00:39 AM	Bruce	Underwood	Summit Truck Group	bruce.underwood@summittruckgroup.com	8628423401

FORM A

**Submission Cover Letter
For
Un-priced Technical Proposal**

**COMPLETE KNUCKLEBOOM TRUCK
Bid # 2020-002PW**

The undersigned proposes to provide a Complete Knuckleboom Truck as per the specifications provided by the City of Tupelo and the subsequent proposal from the bidder named below.

If the City of Tupelo invites TAG Truck Center (company name) to submit priced bids in response to this submission, we intend to participate by

Online Reverse Auction, pending receipt of required id and password from Central Bidding.

Contact information for any questions regarding this submission:

Tommy Foster 662-871-8897

TAG Truck Center (company name) understands that we only have one opportunity to submit an un-priced technical proposal. We affirm that we have read and understood this request for un-priced technical proposals and understand that Phase Two must be completed before the project is awarded. We understand that any missing information or documents required by the BID may be cause for rejection of the proposal.

We acknowledge that the City of Tupelo has the sole discretion and authority to determine whether our proposed commodity meets the specifications issued and also if it will meet the requirements and needs of the City of Tupelo Public Works Department in performing their assigned daily tasks. We understand that the City of Tupelo may or may not invite our participation in Phase Two (REVERSE AUCTION-Priced Bids) of this procurement.

If we are invited by the City of Tupelo to participate in Phase Two (REVERSE AUCTION-Priced Bids) of this procurement, the invitation should be directed to:

Printed Name: Tommy Foster Title: Sales

Signature: [Handwritten Signature] Date: 2/12/20

Company Name: TAG Truck Center

Email: tommy.foster@tagtruck.com

FORM B

Proposal Form

**COMPLETE KNUCKLEBOOM TRUCK
Bid # 2020-002PW**

The undersigned proposes to furnish a Complete Knuckleboom Truck, which meets the specifications provided. The undersigned certifies that the minimum specifications, terms and conditions contained in this BID have been considered and understood. By submitting a proposal, I/We do certify that the commodities offered do meet the specifications contained in this Invitation to Bid.

Please check '✓' each line item – confirming specifications listed will be met.

CHASSIS SPECIFICATIONS		YES	NO
GVWR	Minimum 56,000 LB	✓	
CT Dimension	206" Or To Body Manufacturers Specification	✓	
After Frame Dimension	108" Or To Body Manufacturers Specification	✓	
Frame Rails	Section Modulus -16.979 Minimum 2,030,000 RBM	✓	
Engine	In Line 6 Cylinder Wet Sleeved Diesel Engine, Minimum 300 HP with Minimum 860 LB/FT Torque	✓	
Transmission	Fully Automatic 6 Speed With Double Overdrive, Rated to 860 LB/FT Torque With PTO Provision (Automated Manual Transmissions Will NOT Be Accepted)	✓	
Front Axle	16,000# With Synthetic Axle Lube	✓	
Rear Axles	40,000# Single Speed - Ratio To Provide 60 MPH Synthetic Axle Lube	✓	
Brakes	Front: 16.5" X 6.0" With Automatic Slack Adjusters Rear: 16.5" X 7.0" With Automatic Slack Adjusters	✓	
Brake System	Dual Air System For Straight Truck Air Brake ABS With Traction Control Air Dryer With Heater Automatic Drain Valve For Air Tanks Minimum 18.7 CFM Air Compressor	✓	

Warranty	List Manufacturer's Standard Warranty For The Following Components 1. Standard Chassis 2. Engine 3. After-Treatment System 4. Transmission	24/MIN LIMITED 2/250 2/250 3/MIN LIMITED	
Optional Extended Warranties	List Prices For Extended Warranty To 60 Months/100,000 Miles On The Following Components 1. Engine 2. Transmission 3. After Treatment System	1,600 592 590	
Manual and Specs	Factory specifications and literature will be included with the bid - operator's manual , parts book and service manual	✓	

LOADER AND GRAPPLE SPECIFICATIONS installed on Chassis complete			
		YES	NO
NET LIFTING MOMENT	92,200 ft. lbs.	✓	
CAPACITY & REACH	9,040 lbs. @ 10'6,000 lbs. @ 15'4,480 lbs. @ 20'3,480 lbs. @ 25'3,000 lbs. @ full reach (26' 5")	✓	
HORIZONTAL REACH	26' 5"	✓	
MAIN & OUTER BOOM LENGTH - HORIZONTAL	21' 2"	✓	
EXTENSION LENGTH	5' 2"	✓	
CRANE RATING	Minimum HC1/HD4/B4	✓	
LOADER WEIGHT	5,280 lbs.	✓	
HYDRAULIC SYSTEM	Dual circuit control valve	✓	
	3,410 main system pressure	✓	
	21 GPM per circuit	✓	
	Dual high pressure filters	✓	
	Frame Mounted Hydraulic Tank	✓	

CRANE BASE & STABILIZERS	Crane base to have (2) bolt on top seat operator station access ladders	✓	
	Access ladders to have perforated grip strut tread rungs	✓	
	Ladders shall be KTL painted or approved equivalent (see KTL paint requirements in Paint section below)	✓	
	Stabilizers shall be of an "A-Frame" design with only an up & down function	✓	
	Stabilizer cylinder, inner and outer extension housings ("stabilizer assembly") shall be pinned to crane base such that the complete stabilizer assembly is easily removable for service of assembly components	✓	
	Stabilizers shall have a minimum spread of 10' 4"	✓	
	Stabilizers shall be independently controlled from operator top seat control station	✓	
TOP SEAT OPERATOR CONTROL STATION AND OPERATOR CONTROLS	Operator platform shall be surrounded by round steel handrail with hard shell to prevent damage to the seat, valve, hosing and operator	✓	
	Operator platform shall have four toggle switches within easy reach of operator that control lights on operator platform & outer boom, 4 each LED worklights (2 on the operators station and two on the outer boom), engine RPM +/-, heated operator seat	✓	
	Operator seat shall be slide adjustable front to back and have adjustable height padded armrests	✓	
	Operator controls shall consist of 2 joysticks and a single foot pedal	✓	
	Both joysticks shall fold down for travel and stow below armrests on operator seat	✓	
	Swing lock pin to be easily accessible from operator platform area	✓	
SLEWING SYSTEM	Minimum 14,010 ft lbs. net slewing torque	✓	
	360° continuous rotation	✓	
	Capable of 7 rotations per minute at full hydraulic flow	✓	
	Rotation function controlled by foot pedal at operator's station	✓	
	Locking pin to prevent rotation of boom while in transport	✓	
	Double row rotation bearing with internally facing gear	✓	
MAIN & OUTER BOOM	Main boom lift cylinder shall have a sliding steel guard to protect the cylinder load from damage	✓	
	Main boom section to have raised sides to create a protective recess for the steel hydraulic lines and hoses on the top of the main boom	✓	

	All line and hose connections on the top of the main boom shall be staggered and elevated off the top of the main boom structure for ease of service	✓	
	Steel lines on the top of the main boom shall be KTL painted (see KTL paint requirements in Paint section below)	✓	
	Loader shall have a linkage system between main and outer boom to provide a consistent rate of movement and load capacity throughout the arc of the loader's movement at a given horizontal reach. The load capacity at a given horizontal reach shall deviate more than 2.5% when evaluated at 0' vs. 10' elevation from ground level.	✓	
	Outer boom cylinder shall be mounted above the main and outer boom to help protect cylinder from contact with truck body and body debris	✓	
	All bushings in the arm system shall be bronze and incorporate grease channels to maximize lubrication and maintenance	✓	
	Outer boom shall be equipped with (2) LED work lights mounted to each side of the outer boom section. Each light shall have a steel protective enclosure. Lights shall be controlled via switch at top seat operator station.	✓	
EXTENSION SYSTEM	Extension cylinder, hoses and pipes shall be located inside the outer boom and extension sections. No external hoses, pipes or cylinders are acceptable.	✓	
	Extension system shall have adjustable wear pads and guide blocks	✓	
SUSPENSION LINK & ROTATOR	Suspension link shall be cast steel and have open center for routing of rotator hoses. Hose routing outside of the suspension link is not acceptable.	✓	
	Suspension link shall be of a dual pin design at the attachment points where the link attaches to the loader extension section	✓	
	Rotator shall be minimum 10-ton approved equal	✓	
	Rotator shall be capable of 360° continuous rotation	✓	
	Rotator shall have side and bottom ports	✓	
	Rotator shall have a bolt on steel guard plate covering the hose fitting connections and ports on the rotator	✓	
GRAPPLE			
	Clamshell, butt-style grapple	✓	
	42" wide jaws	✓	
	Bolt-on steel cutting edges for jaws	✓	
	64" open width	✓	

	6,744 ft. lbs. of closing force	✓	
	(2) cylinder open/close design	✓	
	Cylinders protected by steel plates underneath cylinders and grapple head above cylinders	✓	
	Bolt-on grapple head for easy servicing of cylinders and hydraulic components	✓	
	4,000 lbs. snap in load hooks on each side of grapple head	✓	
	Cylinder hoses routed through bottom ports on rotator and through top opening on grapple head assembly. Rotator side port hose routing not acceptable.	✓	
PAINT	Crane structural components and pipes shall be painted using "KTL" (or equal) process. KTL is an immersion painting process featuring cataphoresis electrostatic coating.	✓	
	Crane components and pipes shall be blasted with wire shot and then treated in zinc phosphate solution. Primer shall be applied and baked. Top coat shall be powder coating with hardening by baking at 400 degrees	✓	
HYDRAULIC SYSTEM	Hotshift PTO with direct mount, tandem circuit hydraulic pump	✓	
	79 gallon steel hydraulic reservoir with in tank return filter and 2" shut off valve	✓	
	Frame mounted hydraulic oil cooler. Cooler shall be 26.8 HP with 20.0kW heat removal.	✓	
WARRANTY	Please State Warranty Coverage and Nearest Warranty Facility From City of Tupelo On Site Warranty Not Allowed, MUST Be Manufacturer's Certified Warranty Facility	✓	
Manual and Specs	Factory specifications and literature will be included with the bid - operator's manual , parts book and service manual	✓	
BRUSH BODY SPECIFICATIONS	Brush Body Installed on Chassis complete	✓	
		YES	NO
DIMENSIONS	Length 22' x Width 96" x Height 60"		
MAINFRAME	7" Structural Channel Main Frame, 4" Structural Channel Cross Members 12" On Center, 6" Structural Channel Outside Rail, 4" Structural Channel Posts 12" On Center, 7" Structural Channel Rear Posts, 6" Structural Channel Top Rail	✓	

FLOOR	Minimum 1/4" Steel Floor	✓	
SIDES/ BULKHEAD	60" Tall, Minimum 10 Gauge Steel for Sides and Bulkhead with 2" X 2" Double Brake On Top and 1" Single Brake On Bottom, 1/4" X 3" Across Bottom Of Posts	✓	
LIGHTING/MISC	LED Clearance Lights, LED Safety Flashers In Rear Posts, 2 Sets Of Mud Flaps, Back-Up Alarm, Reflectors, Primed And Painted Black	✓	
PAINT	Black, painted inside and out, rated for heavy duty industrial use, applied evenly, no runs	✓	
WARRANTY	Please State Warranty Coverage and Nearest Warranty Facility From City of Tupelo On Site Warranty Not Allowed, MUST Be Manufacturer's Certified Warranty Facility	✓	
		YES	NO
GENERAL BIDDER'S REQUIREMENTS	The City of Tupelo reserves the right to reject any and all bids, to waive informalities in the bid, or to award to whomsoever they may choose.	✓	
	A document is to be provided to the City of Tupelo by the winning bidder verifying that the order for this item has been placed with the manufacturer and clearly stating the date on which the order was placed, and when the build is anticipated to be completed.	✓	
	Delivery deadline to City of Tupelo Public Works Dept will be February 28, 2020.	✓	✓
	Bidder is to state details of all standard and extended Warranties furnished, including parts and labor for all components.	✓	
	Any warranty labor to be performed by the City of Tupelo mechanics is to be reimbursed by the bidder at the City of Tupelo's current labor rate.	✓	
	A telephone call by City of Tupelo Fleet Maintenance Personnel is to constitute sufficient notification for warranty service to the bidder for standard factory stock items and non-standard factory items.	✓	
	Transportation is to be furnished at bidder's expense for all warranty related work outside a 10 mile radius from City of Tupelo limits.	✓	

The City of Tupelo shall not be liable for any warranty related charges, payments, and billings. No warranty service and parts charges are to be invoiced to the City of Tupelo.	✓	
Parts and service availability are to be provided a minimum of	✓	
Chassis – 1 year	✓	
Engine – 2 years	✓	
Location of bidder's authorized parts and service facility is to be within 50 miles of the City of Tupelo.	✓	
All parts that are not specifically mentioned but which are necessary to provide a complete machine are to be included in the bid and shall conform in strength and quality to that which is provided in the trade in general.	✓	
Delivery - The successful bidder will deliver fully assembled truck, trash bed and boom to City of Tupelo – Public Works Department 604 Crossover Rd, Tupelo, MS 38801. The Bidder is to notify the City of Tupelo of any delays in delivery extending beyond two (2) weeks from the Final Anticipated Delivery Date stated in this document. Failure to coordinate major delays in delivery with the City of Tupelo designated personnel shall release the City of Tupelo of this purchase order contract.	✓	
A telephone call or written communication is to be provided to the City of Tupelo Fleet Management Division a minimum of five (5) days prior to delivery stating the anticipated date and time unit is to be delivered.	✓	
All items must be as specified or approved equal by the Director of the Public Works Department for the City of Tupelo.	✓	
The burden of proof of specifications is the responsibility of the bidder.	✓	

Signed: [Signature] Printed: Tommy Foster
Company: TAG Truck Center Title: Sales
Address: 2448 McCullough Blvd Belden, Ms 38826
Phone: (662) 871-8897 Fax: 662-680-4902 Email: tommy.foster@tagtruck.com

Please mark yes or no.....REQUIRED
Yes _____ No ✓

I will require technical assistance during the reverse auction process for the submission of my bid. This will require me to be at the Tupelo City Hall, Purchasing

Department, no less than 30 minutes prior to the beginning of the reverse auction process

VIII. PHASE TWO REQUIREMENTS (For Information Purposes Only)

The following form shall be used to document the online bids that a bidder enters into the system. The winning bidder shall be required to provide this sheet to match the final winning bid.

For Official Use Only

Approved for Invitation to Bid.....

Yes _____ No _____

Date: _____

Signature: _____

Prepared for:
Brandon White
City of Tupelo
604 Crossover Road
Tupelo, MS 39802
Phone: 6628416430

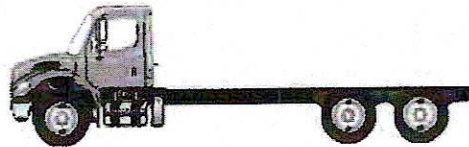
Prepared by:
Tommy Foster
TAG Truck Center
1650 E. Brooks Road
Memphis, TN 38116
Phone:

*A proposal for
City of Tupelo*

*Prepared by
TAG Truck Center
Tommy Foster*

Feb 12, 2020

Freightliner M2 106



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

Application Version 11.2.200
Data Version PRL-23M.003
Lee County KB



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Prepared for:
 Brandon White
 City of Tupelo
 604 Crossover Road
 Tupelo, MS 38802
 Phone: 6628416430

Prepared by:
 Tommy Foster
 TAG Truck Center
 1650 E. Brooks Road
 Memphis, TN 38116
 Phone:

SPECIFICATION PROPOSAL

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-23M	M2 PRL-23M (EFF:01/21/20)		
Data Version			
DRL-003	SPECPRO21 DATA RELEASE VER 003		
Vehicle Configuration			
001-172	M2 106 CONVENTIONAL CHASSIS	5,709	3,503
004-221	2021 MODEL YEAR SPECIFIED		
002-004	SET BACK AXLE - TRUCK		
019-002	STRAIGHT TRUCK PROVISION		
003-001	LH PRIMARY STEERING LOCATION		
General Service			
AA1-002	TRUCK CONFIGURATION		
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-002	PICKUP AND DELIVERY/SHORT HAUL SERVICE		
A84-1GF	GENERAL FREIGHT BUSINESS SEGMENT		
AA4-001	GENERAL FREIGHT 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		
995-091	MEDIUM TRUCK WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 16000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 56000.0 lbs		
Truck Service			
AA3-001	DRY VAN BODY		
AF3-1W5	HOL MAC CORPORATION		

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 Memphis, TN 38116
 Phone:

Data Code	Description	Weight Front	Weight Rear
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in		
Engine			
101-22P	CUM L9 300 HP @ 2000 RPM, 2200 GOV RPM, 860 LB/FT @ 1300 RPM	640	30
Electronic Parameters			
79A-075	75 MPH ROAD SPEED LIMIT		
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
79M-001	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED		
79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM		
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM		
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH		
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND		
80G-002	PTO MINIMUM RPM - 700		
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH		
EA8-010	ENG PROT ON LOW COOLANT LEVEL - ENABLE		
Engine Equipment			
99C-017	2016-2019 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		
13E-001	STANDARD OIL PAN		
105-001	ENGINE MOUNTED OIL CHECK AND FILL		
133-004	ONE PIECE VALVE COVER		
014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER		
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
292-235	(2) DTNA GENUINE, FLOODED STARTING, MIN 2000CCA, 370RC, THREADED STUD BATTERIES	10	
290-017	BATTERY BOX FRAME MOUNTED		
281-001	STANDARD BATTERY JUMPERS		
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB		
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		

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 TAG Truck Center
 1650 E. Brooks Road
 Memphis, TN 38116
 Phone:

Data Code	Description	Weight Front	Weight Rear
289-001	NON-POLISHED BATTERY BOX COVER		
87P-998	NO CAB AUXILIARY POWER WIRING		
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL Safety VALVE		
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR		
131-013	AIR COMPRESSOR DISCHARGE LINE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
128-076	CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH	20	
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE		
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
239-001	STANDARD EXHAUST SYSTEM LENGTH		
237-052	RH STANDARD HORIZONTAL TAILPIPE		
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK		
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP		
273-036	BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH		
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
110-003	CUMMINS SPIN ON FUEL FILTER		
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER		
266-013	1100 SQUARE INCH ALUMINUM RADIATOR	70	
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
270-016	RADIATOR DRAIN VALVE		
168-002	LOWER RADIATOR GUARD		
134-001	ALUMINUM FLYWHEEL HOUSING		

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Prepared by:
 Tommy Foster
 TAG Truck Center
 1650 E. Brooks Road
 Memphis, TN 38118
 Phone:

Data Code	Description	Weight Front	Weight Rear
132-004	ELECTRIC GRID AIR INTAKE WARMER		
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH		
Transmission			
342-582	ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	200	60
Transmission Equipment			
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84J-000	ENGINE BRAKE RANGE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84K-000	ENGINE BRAKE RANGE ALTERNATE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84N-200	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED		
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		
362-823	CUSTOMER INSTALLED CHELSEA 280 SERIES PTO		



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Data Code	Description	Weight Front	Weight Rear
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION		
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013		
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment			
400-1A9	DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	190	
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	10	
403-002	NON-ASBESTOS FRONT BRAKE LINING		
419-001	CAST IRON OUTBOARD 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		
536-012	TRW TAS-85 POWER STEERING	40	
539-003	POWER STEERING PUMP		
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR		
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE		
Front Suspension			
620-026	16,000# TAPERLEAF FRONT SUSPENSION	200	
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
62H-010	FRONT SUSPENSION WITH LEFT HAND OFFSET SHACKLE BRACKET	4	
410-001	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			

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Data Code	Description	Weight Front	Weight Rear
420-1K3	MT-40-14X 40,000# R-SERIES TANDEM REAR AXLE		2,500
421-529	5.29 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	40	40
388-073	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES		
878-019	(1) INTERAXLE LOCK VALVE FOR TANDEM OR TRIDEM DRIVE AXLES		
87A-001	BLINKING LAMP WITH EACH INTERAXLE LOCK SWITCH, INTERAXLE UNLOCK DEFAULT WITH IGNITION OFF		
423-032	MERITOR 16.5X7 Q+ STAMPED SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		-20
433-002	NON-ASBESTOS REAR BRAKE LINING		
434-003	STANDARD BRAKE CHAMBER LOCATION		
451-001	CAST IRON OUTBOARD REAR BRAKE DRUMS		-20
440-006	REAR OIL SEALS		
426-101	WABCO TRISTOP D LONGSTROKE 2-DRIVE AXLE SPRING PARKING CHAMBERS		20
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS		
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE		
Rear Suspension			
622-006	40,000# 4-SPRING FLAT LEAF REAR SUSPENSION		40
621-001	SPRING SUSPENSION - NO AXLE SPACERS		
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
624-011	52 INCH AXLE SPACING		
Brake System			
018-002	AIR BRAKE PACKAGE		
490-121	WABCO 4S/4M ABS WITH 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		
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		



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Data Code	Description	Weight Front	Weight Rear
413-002	STD U.S. FRONT BRAKE VALVE		
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		
479-015	AIR DRYER FRAME MOUNTED		
460-001	STEEL AIR BRAKE RESERVOIRS		
477-006	BW DV-2 AUTO DRAIN VALVE WITHOUT HEATER ON ALL TANK(S)		

Trailer Connections

335-004	UPGRADED CHASSIS MULTIPLEXING UNIT
32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT

Wheelbase & Frame

545-677	6775MM (267 INCH) WHEELBASE		
546-101	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI	430	150
547-001	1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT	220	430
552-007	2450MM (96 INCH) REAR FRAME OVERHANG		
55W-009	FRAME OVERHANG RANGE: 91 INCH TO 100 INCH	-60	260
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 201.18 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 198.18 in		
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 392.62		
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 145.09 in		
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 250.13 in		
AM8-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 201.45 in		
553-001	SQUARE END OF FRAME		
550-001	FRONT CLOSING CROSSMEMBER		
559-003	LIGHTWEIGHT HEAVY DUTY ALUMINUM ENGINE CROSSMEMBER	-12	
561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION		
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
572-001	STANDARD REARMOST CROSSMEMBER		
565-001	STANDARD SUSPENSION CROSSMEMBER		

Chassis Equipment

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Data Code	Description	Weight Front	Weight Rear
556-1AR	THREE-PIECE 14 INCH CHROMED STEEL BUMPER WITH COLLAPSIBLE ENDS	30	
558-001	FRONT TOW HOOKS - FRAME MOUNTED	15	
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS		
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
Fuel Tanks			
204-215	50 GALLON/189 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH	20	
218-005	RECTANGULAR FUEL TANK(S)		
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
212-007	FUEL TANK(S) FORWARD		
664-001	PLAIN STEP FINISH		
205-001	FUEL TANK CAP(S)		
122-1H3	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR	-5	
216-020	EQUIFLO INBOARD FUEL SYSTEM		
11F-998	NO NATURAL GAS VEHICLE FUEL TANK VENT LINE/STACK		
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires			
093-0TA	MICHELIN XZY-3 385/65R22.5 18 PLY RADIAL FRONT TIRES	130	
094-2EU	HANKOOK DH06 11R22.5 14 PLY RADIAL REAR TIRES		128
Hubs			
418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS		
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
Wheels			
502-574	ACCURIDE 29807 22.5X12.25 10-HUB PILOT 4.75 INSET 5-HAND STEEL DISC FRONT WHEELS	98	
505-1F2	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC REAR WHEELS		
50T-998	NO FRONT AXLE WHEEL/HUB COVER		



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Data Code	Description	Weight Front	Weight Rear
496-011	FRONT WHEEL MOUNTING NUTS		
497-011	REAR WHEEL MOUNTING NUTS		
Cab Exterior			
829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
650-008	AIR CAB MOUNTING		
678-001	LH AND RH GRAB HANDLES		
646-045	MOLD-IN COLOR GRILLE		
65X-011	MOLD-IN COLOR HOOD MOUNTED AIR INTAKE GRILLE		
644-004	FIBERGLASS HOOD		
727-066	DUAL 26 INCH RECTANGULAR POLISHED ALUMINUM AIR HORNS ROOF MOUNTED	8	
726-001	SINGLE ELECTRIC HORN		
728-002	DUAL HORN SHIELDS		
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME		
78G-002	KEY QUANTITY OF 2		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
312-043	INTEGRAL HEADLIGHT/MARKER ASSEMBLY		
302-001	(5) AMBER MARKER LIGHTS		
311-019	HEADLIGHTS ON WITH WIPERS, WITH DAYTIME RUNNING LIGHTS		
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS		
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
469-998	NO WORK LIGHT		
744-1BH	DUAL WEST COAST MOLDED-IN COLOR MIRRORS		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-1AP	LH AND RH 8 INCH MOLDED-IN COLOR CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		
729-001	STANDARD SIDE/REAR REFLECTORS		
768-043	63X14 INCH TINTED REAR WINDOW		
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS		
654-003	MANUAL DOOR WINDOW REGULATORS		
663-013	TINTED WINDSHIELD		
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED		

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Data Code	Description	Weight Front	Weight Rear
Cab Interior			
707-1AM	OPAL GRAY CLOTH INTERIOR		
706-013	MOLDED PLASTIC DOOR PANEL		
708-013	MOLDED PLASTIC DOOR PANEL		
772-006	BLACK MATS WITH SINGLE INSULATION		
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING		
694-010	IN DASH STORAGE BIN		
738-001	DIGITAL FLUSH MOUNTED ALARM CLOCK IN DASH		
742-007	(2) CUP HOLDERS LH AND RH DASH		
680-006	GRAY/CHARCOAL FLAT DASH		
700-002	HEATER, DEFROSTER AND AIR CONDITIONER		
701-001	STANDARD HVAC DUCTING		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-015	STANDARD HEATER PLUMBING		
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR		
702-002	BINARY CONTROL, R-134A		
739-033	STANDARD INSULATION		
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES		
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM		
324-011	DOMED DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF		
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS		
756-1J3	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30	
760-1C0	2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT WITH HEADRESTS	70	20
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
758-036	VINYL WITH VINYL INSERT DRIVER SEAT		
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT		
763-101	BLACK SEAT BELTS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10	
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL		



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Data Code	Description	Weight Front	Weight Rear
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		
67E-998	NO ENTRY/ACCESS/STEP WIRING		
Instruments & Controls			
732-004	GRAY DRIVER INSTRUMENT PANEL		
734-004	GRAY CENTER INSTRUMENT PANEL		
870-001	BLACK GAUGE BEZELS		
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS		
721-001	97 DB BACKUP ALARM		3
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
148-003	PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
679-001	OVERHEAD INSTRUMENT PANEL		
746-114	AM/FM/MB WORLD TUNER RADIO WITH AUXILIARY INPUT, J1939	10	
747-001	DASH MOUNTED RADIO		
750-002	(2) RADIO SPEAKERS IN CAB		
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF		

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Data Code	Description	Weight Front	Weight Rear
748-006	POWER AND GROUND WIRING PROVISION OVERHEAD		
749-001	ROOF/OVERHEAD CONSOLE CB RADIO PROVISION		
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
817-001	STANDARD VEHICLE SPEED SENSOR		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
162-011	IDLE LIMITER, ELECTRONIC ENGINE		
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
860-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH		
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE		
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS		

Design

065-000 PAINT: ONE SOLID COLOR

Color

980-4MG CAB COLOR A: L6503EY SILVER METALLIC ELITE EY
 986-020 BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT
 962-972 POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)
 966-972 POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)
 963-003 STANDARD E COAT/UNDERCOATING

Certification / Compliance

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

Secondary Factory Options

95M-998 NO CUSTOMER FURNISHED MATERIAL SPECIFIED

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Data Code	Description	Weight Front	Weight Rear
Raw Performance Data			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 392.62		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 198.18 in		
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 201.45 in		

Sales Programs
 NO SALES PROGRAMS HAVE BEEN SELECTED

TOTAL VEHICLE SUMMARY

Weight Summary			
	Weight Front	Weight Rear	Total Weight
Factory Weight*	8127 lbs	7144 lbs	15271 lbs
Total Weight†	8127 lbs	7144 lbs	15271 lbs

(*) Weights shown are estimates only.
 If weight is critical, contact Customer Application Engineering.

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





Wren Body Works, LLC

32722 Hwy 45 North
Okolona, MS 38860

Quote

Date	Quote #
2/7/2020	17694

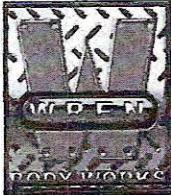
Name / Address	Ship To
TAG Truck Center 2448 McCullough Belden, MS 38826	TAG Truck Center 2448 McCullough Belden, MS 38826

Qty	Item	Description	Unit Price	Total
1	JOB	Furnish & Install - 22-foot x 8-foot Heavy Duty Brush Bed. Includes 7-inch structural channel main frame, 4-inch structural channel cross members 12-inches OC, 6-inch structural channel outside rail, 4-inch structural channel posts 12-inches OC, 7-inch structural channel rear post, 6-inch structural channel top rail, 1/4-inch thick floor, 5-foot tall 10 gauge sides and bulkhead with 2" + 2" double brake on top with 1" single brake on bottom, 1/4" x 3" across bottom of posts, 2 sets mud flaps, LED clearance lights, reflectors, back-up alarm, LED safety flashers in rear posts, primed and painted black.		
1	JOB	Furnish & Install - Palfinger M13A80 Loader Includes loader, PTO, hydraulic pump, oil, hoses, wiring 26' 5" horizontal reach via single telescope, Net lifting moment: 92,200 ft.-lbs., Net slewing torque: 14,010 ft.-lbs. Right side mounted operator station with two joysticks, Telescope controlled electrically on right joystick, slewing via swing pedal Fold down joysticks, Control valve mounted on operators station Seat adjustable in distance forward/back Independently controlled telescopic stabilizers Stabilization fully hydraulic (2-sections) controlled from topseat Double circuit Control valve Operating pressure: 3,410-psi Continuous ring and pinion rotation. Dual ladders Main boom cylinder protection, Above mounted outer boom cylinder Linkage system between main and outer boom Throttle check valves on main, outer, and extension cylinders EPSCOPE - patented telescope system with inside hose routing (w/o on		

This quote valid for 30 days. FOB Wren, MS.	Subtotal
	Sales Tax (0.0%)
	Total

Phone #	Fax #	Web Site
662-256-2028	662-256-7572	wrenbodyworks.com

Neil Turnage
Wren Body Works, LLC.



Wren Body Works, LLC

32722 Hwy 45 North
Okolona, MS 38860

Quote

Date	Quote #
2/7/2020	17694

Name / Address	Ship To
TAG Truck Center 2448 McCullough Belden, MS 38826	TAG Truck Center 2448 McCullough Belden, MS 38826

Qty	Item	Description	Unit Price	Total
		fixed boom) KTL primed and powder coated (Boom EPSILON red RAL 3020 - Base EPSILON grey 7021) 4x LED worklights, 2 on the operators station and two on the outer boom Mounting bolts kit Hose package (4x outer boom, 4x EPSCOPE) (CWP) Cold weather package (seat heating - bottom and seat back) (GAL) Truck mount column (BK138) Epsilon rotator RB10F (10t with lateral outputs) Palfinger 79 US Gallon (300L) Steel Hydraulic Oil Tank Hydraulic oil cooler fitted in return line with protective housing. 26.8 HP (20.0 kW) Heat Removal, 12V. Recommended for Double Circuit cranes OR greater than 30 GPM. 1-1/4" BSPP male connections. BAK BDV100-42 REFUSE GRAPPLE, 42" HYDRAULIC PUMP, 257 SERIES PERMCO, SINGLE INLET / DUAL OUTLET, 7/8"-13T OUTPUT, 13.8 GPM 1-1 RATIO, 3.21 CU IN, 2" O-RING SUCTION PORT, 3/4" SPLIT FLANGE PRESSURE PORTS.		

This quote valid for 30 days. FOB Wren, MS.	Subtotal
	Sales Tax (0.0%)
	Total

Phone #	Fax #	Web Site
662-256-2028	662-256-7572	wrenbodyworks.com

Neil Turnage
Wren Body Works, LLC.



Wren Body Works, LLC

32722 Hwy 45 North
Okolona, MS 38860

Quote

Date	Quote #
2/7/2020	17694

Name / Address		Ship To		
TAG Truck Center 2448 McCullough Belden, MS 38826		TAG Truck Center 2448 McCullough Belden, MS 38826		
Qty	Item	Description	Unit Price	Total
This quote valid for 30 days. FOB Wren, MS.				
Subtotal				
Sales Tax (0.0%)				\$0.00
Total				

Phone #	Fax #	Web Site
662-256-2028	662-256-7572	wrenbodyworks.com

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