

FORM A

*Submission Cover Letter
for
Un-priced Technical Proposals*

**COMPLETE KNUCKLEBOOM TRUCK
Bid # 2024-038PW**

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

If, after reviewing all vendor submissions, the City of Tupelo decides to invite TAC TRUCK CENTER (your company name) to submit priced bids, we agree to participate in the reverse auction, which will take place on **July 11, 2024, at 10:00 AM**. We understand that detailed instructions regarding the reverse auction process will be emailed to all approved vendors.

It is understood that we have only one opportunity to submit an un-priced technical proposal. We affirm that we have read and understood this request for unpriced technical proposals and understand that Phase Two must be completed before the items are 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 if it will meet the requirements and needs of the City of Tupelo Parks and Recreation Department. We understand that the City of Tupelo may or may not invite our participation in Phase Two (REVERSE AUCTION – Priced Bids) of this procurement.

We agree to abide by the terms and conditions of the PH Bidding Group Supplier agreement and understand that any questions regarding the agreement or the bid process should be directed to 662-407-0195 or cory@phbidding.com.

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

Company Name TAC Truck Center

Email tommy.foster@tntxtruck.com

Phone 662- 871- 8897

FORM B: SPECIFICATION RESPONSE FORM

Please review each item and indicate whether your offered product complies with the Specifications as listed. If it does not comply with the listed specification, please explain the variance in the blank provided or on an additional sheet.

✓ Please list appropriate information where requested.

Item #	ACKNOWLEDGEMENTS	Acknowledge		Variance
		YES	NO	(If Specification not met)
1.1	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.	✓		
1.2	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.	✓		
1.3	Bidder is to state details of all standard and extended Warranties furnished, including parts and labor for all components.	✓		
1.4	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.	✓		
1.5	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.	✓		
1.6	Transportation is to be furnished at bidder's expense for all warranty related work outside a 10-mile radius from City of Tupelo limits.	✓		
1.7	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.	✓		
1.8	Parts and service availability are to be provided a minimum of	✓		
	Chassis – 1 year			
	Engine – 2 years			
1.9	Location of bidder's authorized parts and service facility is to be within 50 miles of the City of Tupelo.	✓		
1.10	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.	✓		

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1.11	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.	✓		
1.12	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.	✓		
1.13	All items must be as specified or approved equal by the Director of the Public Works Department for the City of Tupelo.	✓		
1.14	The burden of proof of specifications is the responsibility of the bidder.	✓		
1.15	Equipment Brochure Included:	✓		
1.16	Written Warranty Information/Service Information Included:	✓		
1.17	PH Bidding Supplier Agreement Included. Checking this box acknowledges that you understand you responsibilities under the PH Bidding Supplier Agreement.	✓		
1.18	If your product meets specifications and you are approved to participate in the reverse auction, you will be given full details regarding participation in the reverse auction.	✓		

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CHASSIS SPECIFICATIONS				
Item	Minimum Specifications	ACKNOWLEDGE		VARIANCE
		YES	NO	If Spec Not Met
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	✓		
Suspension	Front: Parabolic Taper Leaf, Shackle Type 16,000 Lb Rated Rear: Walking Beam Type 40,000 Lb Rated	✓		
Wheels	Front: (2) 22.5 X 12.25 Disc Type 10 Stud Painted White Rear: (8) 22.5 X 8.25 Disc Type 10 Stud Painted White	✓		
Tires	Front: 385/65R22.5 Highway Tread Rear: 11R22.5 14-Ply On-Off Road Tread	✓		
Cab	Conventional Day Cab with Air Bag Suspension and Exterior Grab Handle on Driver and Passenger Side	✓		
Mirrors	Dual West Coast Type with Convex on Both Sides	✓		
Air Conditioner	Air Conditioner with Integral Heater & Defroster	✓		
Fuel System	1. Minimum 50 Gallon Aluminum Fuel Tank Mounted Left Side Under Cab	✓		
	2. Fuel/Water Separator Mounted Outside Left Rail Back of Cab	✓		
	3. Minimum 7 Gallon DEF Tank	✓		

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Equipment	1. Air Ride Driver Seat - Vinyl	✓		
	2. Two Person Passenger Bench Seat with Integrated Headrest in Both Positions - Vinyl	✓		
	3. Under Seat Storage Compartment		✓	
	4. Dash Mounted Switch for PTO Operation	✓		
	5. Manual Reset Circuit Breakers	✓		
	6. Am/Fm/WB Radio with Clock	✓		
	7. (2) Front Tow Hooks	✓		
	8. Dual Face LED Fender Mounted Turn Signal Lights	✓		
	9. Low Coolant Level Indicator with Alarm	✓	.	
	10. Wiring for 2-Way Radio With 20 Amp Fuse Protection, Routed to Center of Header Console	✓		
	11. Tilting Hood & Fender with Fixed Grill	✓		
	12. Inhibit Regen Switch Located on Dash	✓		
	13. Tilting Steering Column	✓		
	14. Intermittent Windshield Wipers with washer	✓		
	15. (2) Roof Mounted Air Horns	✓		
	16. Heavy Duty Front Bumper	✓		
	17. Audible Back Up Alarm System	✓		
	18. Underbody Toolbox Installed (18" wide x 18" tall x 36" long)	✓		
Paint	Manufacturers Standard Silver, Base Coat/ Clear Coat Rated for Heavy-Duty Industrial Use	✓		
Warranty	List Manufacturer's Standard Warranty for The Following Components			
	1. Standard Chassis	✓		
	2. Engine	✓		
	3. After-Treatment System	✓		
Optional Extended Warranties	4. Transmission	✓		
	List Prices for Extended Warranty To 60 Months/100,000 Miles on The Following Components	✓		
	1. Engine	✓		
	2. Transmission	✓		
Manual and Specs	3. After Treatment System	✓		
	Factory specifications and literature will be included with the bid - operator's manual, parts book, and service manual	✓		

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LOADER AND GRAPPLE SPECIFICATIONS (Installed on Chassis complete)				
Item	Minimum Specifications	ACKNOWLEDGE		VARIANCE
		YES	NO	
NET LIFTING MOMENT	92,200 ft. lbs.	/		90,000 FT-LBS
CAPACITY & REACH	9,040 lbs. @ 10' 6,000 lbs. @ 15' 4,480	/		9,000 @ 10' 2,200 @ 32' 6"
HORIZONTAL REACH	26' 5"	/		32' 6"
MAIN & OUTER BOOM LENGTH - HORIZONTAL	21' 2"	/		24'
EXTENSION LENGTH	5' 2"	/		8' 6"
CRANE RATING	Minimum HC1/HD4/B4	/		
LOADER WEIGHT	5,280 lbs.	/		7,350 LBS
HYDRAULIC SYSTEM	Dual circuit control valve	/		
	3,410 main system pressure	/		2,500 PSI
	21 GPM per circuit	/		2 x 30 GPM
	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)			PAINTED BLACK
	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		/	INNER SECTION REMOVABLE
	Stabilizers shall have a minimum spread of 10' 4"		/	117 3/4"
	Stabilizers shall be independently controlled from operator top seat control station	/		
TOP SEAT OPERATOR CONTROL STATION AND	Operator platform shall be surrounded by round steel handrail with hard shell to prevent damage to the seat, valve, hosing and operator	/		

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OPERATOR CONTROLS	Operator platform shall have four toggle switches within easy reach of operator that control lights on operator platform & outer boom, 4 each LED work lights (2 on the operator's 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	\		
TOP SEAT OPERATOR CONTROL STATION AND OPERATOR CONTROLS (continued)	Operator controls shall consist of 2 joysticks and a single foot pedal		\	2 JOYSTICKS 2 FOOT PEDALS
	Both joysticks shall fold down for travel and stow below armrests on operator seat	\		
SLEWING SYSTEM	Swing lock pin to be easily accessible from operator platform area	\		
	Minimum 14,010 ft lbs net slewing torque			20,000 FT-LBS
	360° continuous rotation	\		
	Capable of 7 rotations per minute at full hydraulic flow			8 RPM
	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)		\	PAINTE BLACK
	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.		\	

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MAIN & OUTER BOOM	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	/		CAST STEEL EAR PROTECTS FITTINGS
GRAPPLE	Clamshell, butt-style grapple	/		
	42" wide jaws		/	48" WIDE
	Bolt-on steel cutting edges for jaws		/	
	64" open width		/	70" 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		/	

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	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 cathaphoresis electrostatic coating.	\		PAINTED BLACK
	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.	\		
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)				
Item	Minimum Specifications	ACKNOWLEDGE		VARIANCE
		YES	NO	
DIMENSIONS	Length 22' x Width 96" x Height 60"	\		24' Body Length
	7" Structural Channel Main Frame	\		
MAINFRAME	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	\		

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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	2 YEAR ON CHASSIS 1 YEAR ON COMPONENTS		WREN BODY WORKS WREN, MS
	On Site Warranty Not Allowed, MUST Be Manufacturer's Certified Warranty Facility	/		

2 YEAR ON PARTS MFG BY SERCO
1 YEAR ON COMPONENTS

KNUCKLEBOOM TRUCK INFORMATION

Chassis Manufacturer: FREIGHTLINER

Chassis Model #: M2106

Body Manufacturer: SERCO

Color: Silver

Service Facility Location: TAG Truck Center / Tupelo

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VENDOR INFORMATION

Company Name TAG Truck Center

Address 4600 McCullough Blvd

City Tupelo State MS Zip 38804

Company Representative Tommy Foster

Title SALES

Phone 662-871-8897

Email tommy.foster@tnxtruck.com

Date 7/3/24

Scan completed specification response form along with warranty information, brochures to be considered, and PH Bidding Group's Vendor agreement and submit online at City of Tupelo, MS Bids (tupelomsbids.com).

***If your response is approved, you will receive detailed instructions regarding the reverse auction process. Do not provide pricing as part of your specification response. Pricing will only be accepted from approved vendors through the reverse auction process.**

If you will require technical assistance for the submission of the specification response or the reverse auction process, this will require you to either contact PH Bidding Group at 662-407-0195 or cory@phbidding.com at least one day prior to the specification response deadline or the reverse auction date.