

ADDENDUM NO. 4

COUNTY OF KAUA'I
DEPARTMENT OF WATER

INVITATION FOR BIDS

GS-2025-03

FOR THE
FURNISHING AND DELIVERY
OF

One (1) 4-Wheel Drive 18,000lb GVWR Truck Cab and Chassis with Service Body,
Under Chassis PTO Air Compressor and Accessories

NOTICE TO PROSPECTIVE PROPOSERS

This addendum is hereby made a part of the INVITATION FOR BIDS and shall govern the work, taking precedence over previously issued plans and specifications governing the items mentioned for the subject project; and it shall amend the said contract documents in the following respects:

ADDENDUM NO. 4

REVISED SPECIFICATIONS (deleted Payload Capacity, and changed HD tow package).

End of Addendum No. 4

Please submit questions for this solicitation at www.publicpurchase.com.



Joseph E. "Joe" Tait
Chief Procurement Officer
Manager and Chief Engineer
October 29, 2024

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO. 4

Receipt Acknowledged:

Organization

Received by

Date

Title

(ADDENDUMS MUST BE ACKNOWLEDGED AND INCLUDED WITH OFFER)



SPECIFICATIONS

GS-2025-03

ONE (1) 4-WHEEL DRIVE 18,000 LB. GVWR TRUCK CAB AND CHASSIS WITH SERVICE BODY, UNDER CHASSIS PTO AIR COMPRESSOR AND ACCESSORIES

THE MINIMUM SPECIFICATIONS SHALL NOT BE LESS THAN:

DESCRIPTION	MINIMUM REQUIREMENTS	BIDDER'S PROPOSAL MUST BE FILLED
Year	New, of current production model	
Model	Super Cab/ F-550/5500 HD truck of similar capacity, quality, and configuration.	
GVWR (Chassis Cab)	18,000 lbs.	
Paint color	White	
Wheelbase	168 inches, maximum	
Engine	Diesel Powered	
Displacement	6.7 Liters	
Horsepower	330 hp, not exceeding 3,000 rpm	
Torque	825 lbs.-ft of torque, not exceeding 2,000 rpm	
Exhaust System	Manual regeneration capability with exhaust braking.	
Radiator	Maximum cooling, heavy duty type	
Transmission/ Transfer Case/ Rear Axle	10-speed automatic with transmission power take-off provision / 4x4 / Limited slip 4.30 gear ratio.	
Front Axle Cap.	7,000 lbs.	
Rear Axle Cap.	13,600 lbs.	
Towing Capacity (Chassis Cab)	18,500 lbs.	
Brakes	Self-Adjusting 4 wheel vented discs, with anti-lock brake system.	
Steering	Hydraulic power	
Shock Absorbers	Front and rear, heavy-duty gas type.	
Electrical System	Dual 12 Volt, negative ground	
Batteries	750 Cold-cranking amps/ 68 amp-hr.	
Alternators	Dual alternators 400 total Amps	

DESCRIPTION	MINIMUM REQUIREMENTS	BIDDER'S PROPOSAL MUST BE FILLED
Tires Including Spare Tire	DUNLOP SP 461 (225/70R19.5) Load range: G or its equivalent capacity, four (4) traction tires on rear. Two (2) highway tires on front. One (1) spare tire, highway tread tire/steel rim.	
Body	Super cab truck with two (2) rear access doors.	
Seats	Front seat, full bench with heavy duty vinyl upholstery. Super cab seat, heavy duty vinyl upholstery.	
Seat Belts	Seat belts that meet federal standards.	
Fuel Tank	Forty (40) gallon capacity.	
Lights; Reflectors, and Safety Equipment	Meet or exceeds Federal requirements.	
Standard/ Optional Equipment	Three (3) Key / FOB remotes.	
	Air conditioner (manual)	
	Heater-defroster	
	AM-FM radio	
	Blue Tooth hands free phone system	
	Dual sun visors	
	Power Group: Power windows, power door locks, power trailer tow mirrors, remote keyless entry.	
	Four (4) speed electric windshield wiper with intermittent feature and windshield washers	
	HD tow hitch, wiring, and brake controller.	
	Jack and tire wrench	
	Removable rubber floor place mats	
	Dual outside low mount 7" x 10" mirrors, heads and brackets extending beyond outside limits of utility body.	
	Dome and cargo lights	
Additional Equipment	Trailer socket equivalent to or compatible with a Grote 82-1002 heavy duty 7-round pin connector socket, with enclosed terminals flap type lock.	
	12 VDC to 110 VAC Power Inverter, 3000 watts continuous power, 6000 watts surge capacity, minimum Four (4) AC receptacles.	

DESCRIPTION	MINIMUM REQUIREMENTS	BIDDER'S PROPOSAL MUST BE FILLED
	One (1) Add-A-Leaf spring for rear axle, each side	
	5-pound dry chemical fire extinguisher to be mounted in cab. Emergency roadside triangle warning kit with flares.	
	Electronic reverse alarm.	
	Ultrasonic vehicle backup (reversing) sensor system as manufactured by Design Tech International, Inc. Includes: two (2) rear sensors that mount on bumper and one (1) dashboard-mounted wireless digital display showing the distance to the nearest object behind vehicle in feet. Detects objects from 1 to 6-1/2 ft. Alarm sound increases in intensity as distance to object decreases.	
	Two (2) 12-Volt flood lights: Whelen model MPPWCS Pioneer Micro work lights or approved equal, one on each side on the rear of specified service body. Shall use low profile pedestal / swivel mount bracket for mounting. Each light has four lenses to choose from / included with each light standard for choice of 8 degree spot, 90x20 degree wide flood, 40x20 degree standard flood, and 40x8 degree narrow flood. All lenses shall be delivered with truck. The 12 diode light shall produce 5,695 usable lumens. Shall be manufactured in America with 5 year factory direct warranty. Unit shall be wired to Core-C controller, or OEM up-fitter switches pending project manager review consultation.	



DESCRIPTION	MINIMUM REQUIREMENTS	BIDDER'S PROPOSAL MUST BE FILLED
	<p>One (1) Lightbar: Whelen model RX2FFFF Justice Series 56.25" DUO linear amber warning / white LED's or approved equal, fully populated lightbar installed and programmed. In addition to standard DUO corners, shall include 16 each directional RDLF Duo LIN 12 white / Amber warning LED's. Shall include front LED white, and side LED white dedicated take down / alley lights / rear aux. Photocell included for day/night intensity control. All external lenses shall be hard-coated as standard feature to provide against environmental particular fall out, and UV fading. Optional cab mounting kit and stainless steel strap set is specified. Shall be manufactured in America with direct 5 year factory warranty. Each system shall be capable of vehicle to vehicle synchronization of warning lights activated with CORE system.</p>	
	<p>Two (2) Amber / White Warning Lights: Install in / on front grille area, Whelen ION DUO 12F, or ION T-Series TL12F or approved equal. Amber / white warning lights forward facing with optional flanges / brackets if required for vehicle specified to fit grille of model year truck bid.</p>	
	<p>Two (2) Amber / White Warning Lights: Whelen TL12F amber / white or approved equal. Install on side of service body near wheel well, similar or warning lights facing out (one on each side). Add optional TIONFC flange with each light.</p>	



DESCRIPTION	MINIMUM REQUIREMENTS	BIDDER'S PROPOSAL MUST BE FILLED
	<p>Two (2) Amber / White Warning Lights: Whelen M6DF Duo or approved equal. Install on rear of vehicle with optional M6BRUSH to surface mount facing rear on horizontal axis in best location provided of service body. Request rear amber warning lights be set for simultaneous flashing in amber color displayed. If OEM truck system allows, request the white LED's in the M6DF lights be programmed for back-up light tie in to OEM system to come on (in steady illumination) when truck is in reverse. Shall be diode protected to prevent back feed. May also be programmed to come on when steady burn white illumination light is switched on / selected.</p>	
	<p>One (1) Control Module: Whelen model CEM16 4 Input WeCanX Expansion Module, 16 Output or approved equal. For external warning / illumination lights specified. WeCanX CAN-based communication system to provide system synchronization, for optimal situational awareness programming. Dynamic Variable Intensity light patterns shall be standard for safety at nighttime emergency scenes.</p>	
	<p>One (1) Switch Controller: Whelen model CCP9 Core-C Core or approval equal. Control point, and switch combination, 4-position slide switch and 6 push buttons. Output for auxiliary lighting. Includes Traffic-Advisor indicator. CV2V sync capable. The install location of the switch control shall be within easy reach of the driver. Upfitter to provide recommendations insofar as the best surface mount area on dash or center console of truck model being bid to officer in charge.</p>	
<p>Service Body</p>	<p>Knapheide MFG service body or approved equal.</p>	
	<p>Paint color: White</p>	



DESCRIPTION	MINIMUM REQUIREMENTS	BIDDER'S PROPOSAL MUST BE FILLED
	<p>Overall Dimensions close to or equivalent to:</p> <ul style="list-style-type: none"> • Length: 110 inches • Width: 96 inches • Height: 39.5 inches <p>Shall be fabricated of “galvannealed” steel with minimum sheet metal thickness as the above approved model.</p> <p>Unit shall have the following features:</p> <ul style="list-style-type: none"> • “V” = Flip Top Compartment. • “C” = Closed Top Compartment. <p>Compartments shall be weather tight with rubber door seal.</p> <p>Door Handles and Catches: Recessed door handles, all keyed alike.</p> <p>Door hinges: Die-cast zinc with nylon bushings and full-length plated rods.</p> <p>Slam latchable tailgate.</p> <p>Taillights including stop, tail, turn, marker and back-up.</p> <p>Bar locking system.</p> <p>Telescopic low sliding roof, minimum of three (3) sections.</p> <p>Pull out tray drawer package for front vertical curb side and street side compartments. 4” deep drawers. Standard shelving package in other compartments.</p> <p>Rear Bumper: Heavy duty push workbench bumper, compatible or equal to unit manufactured by Knapheide, 14.5”x26”x90” size. To accept the above specified ultrasonic vehicle backup (reversing) sensor and the below specified trailer hitch.</p> <p>Dome (compartment) lights.</p> <p>White color</p> <p>Six year “no rust, no bust” limited warranty.</p>	
Service Body Attachments	Pipe vise bracket: Sliding type on the rear of curbside with reinforcement near the interface of the compartment panel.	



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	Chain vise: One (1) CV4P, 1/4" to 4" diameter pipes, as manufactured by Reed Manufacturing Company.	
	Duplex Hitch: Holland Model PH-16-B, rigid type pintle and 2-5/16" ball, rated for 3,000 lbs. vertical load and 19,000 lbs. maximum gross trailer weight or equal, with heavy duty flop type "Dee" rings or equivalent to.	
Air Compressor	Vanair 100/125/160 UDSM-CCW PTO driven air compressor. New and in current production.	
	100 to 160 CFM free air at 100 psi. Compressor to be capable of 90 to 150 PSIG operation. Air compressor shall produce 125 CFM at 1880 RPM input speed to 160 CFM at 2410 RPM.	
	Air Compressor gear ratio shall be 2.71:1 to ensure lowest possible engine speed.	
	Separate two-stage, heavy duty, dry-type air intake filters shall be provided for the air compressor.	
	The air receiver shall be ASME code approved rated at a 200-psi working pressure. It shall be equipped with an ASME air pressure relief valve located upstream of the final oil separator. The receiver shall be equipped with a fill cap and easily readable sight glass, 3/4 inch service valve and a spin-on air compressor oil filter with built in by-pass protection.	
	The receiver shall be mounted on the driver's side of the truck. The air/fluid separator to be located internally in air-receiver tank. The separator shall be constructed with pleated media, welded straps, scrim barrier, support screen, expanded metal outer wrap and internal and external grounding. Separator to be warranted for 5-years or 3,000 hours.	



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	Instrument panel to include compressor air pressure gauge, hour meter, compressor oil temperature gauge and over-temperature / over-pressure reset switch.	
	Compressor to automatically shut down in case of high compressor temperature or over pressurization. Additional protective features provided include automatic blow down valve, receiver relief valve and minimum pressure orifice.	
	Compressor cooling system shall allow rated air delivery and pressure operation continuously in 125-degree Fahrenheit ambient temperatures. Cooler to be mounted in a powder coated sheet metal enclosure with a suction type fan assembly. (No ABS plastic shrouding) Compressor fluid shall be filtered by a 25-micron full flow spin-on replaceable filter canister. A fan temperature switch shall be provided to regulate compressor cooling.	
	Compressor fluid cooler shall be mounted on the passenger side of the truck.	
	Pneumatic inlet control valve shall automatically modulate output from 0 to 100% in response to air demand.	
	Electronically controlled engine speed control shall allow modulation of engine speed to match air demand.	
	2 ½ inch Dana 1310 series driveline with universal joint, yoke and companion flange.	
	The rotary screw air compressor unit shall be warranted for life when following the prescribed maintenance schedule. All other parts including the compressor unit shaft seal are warranted for twelve months.	
	FRL (Filter-moisture trap/Regulator, with pressure gauge/Lubricator) with junction block connectors to be provided and mounted in the passenger's side service body rear compartment and up-stream of the air outlets.	



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	<p>Compressed air outlets shall be provided and readily accessible from the rear of truck on the passenger's side. Outlets include:</p> <ul style="list-style-type: none"> • Two (2) 3/4" outlets with ball valves and "Air King" twist lock with pin couplings, • One (1) 3/8" outlet with quick coupling. <p>One set of spare filters, and oil (service kit) for the under-chassis compressor system.</p>	
Rust-proofing	The complete automotive equipment shall be covered with a mastic under seal and treated with Tuff-Kote, Ziebart or equal, rust preventative material. The contractor shall furnish a copy of the warranty.	
Manuals	<p>The following manufacturer's manuals, in paperback, CD, or USB drive shall be provided:</p> <ul style="list-style-type: none"> • Operators Manual • Service Manual 	
Warranty	Defective parts and workmanship to be replaced by vendor without charge in accordance with manufacturer's guarantee	
Note	The unit shall be brand new and complete, meeting these specifications as well as the general catalog specifications describing this unit. Unit shall be completely assembled, serviced and in good running order and delivered to the destination indicated.	
Delivery	365 calendar days or less.	