

ADDENDUM NO. 1

COUNTY OF KAUA'I
DEPARTMENT OF WATER

INVITATION FOR BIDS

GS-2023-03

FOR THE
FURNISHING AND DELIVERY
OF

ONE (1) 4-WHEEL DRIVE 18,000 LB. GVWR TRUCK CAB AND CHASSIS WITH
SERVICE BODY, UNDERHOOD 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. 1

The attached revised SPECIFICATIONS shall replace the original Specifications for One (1) 4-Wheel Drive 18,000 lb GVWR Truck Cab and Chassis with Service Body, Underhood PTO Air Compressor and Accessories. Revised specifications are noted in bold red, in the following categories: Service Body, Service Body Attachments.

Bid due date will remain the same of **Monday, May 8, 2023 by 2:00pm HST.**

End of Addendum No. 1

If there are any questions, please contact Mr. Val Reyna at (808) 245-5434 or by email at vreyna@kauaiwater.org.



Joseph E. "Joe" Tait
Manager and Chief Engineer
April 17, 2023

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO. 1

Receipt Acknowledged:

Organization

Received by

Date

Title

(Please sign and return your acknowledgement.)

SPECIFICATIONS

GS-2023-03

ONE (1) 4-WHEEL DRIVE 18,000 LB. GVWR TRUCK CAB AND CHASSIS WITH SERVICE BODY, UNDERHOOD PTO AIR COMPRESOR 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	
GVWR (Chassis Cab)	18,000 lbs.	
Paint color	White	
Wheelbase	168 inches, maximum	
Cab to Axle	60 inches cab to axle	
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	
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.	
Payload Capacity (Chassis Cab)	10,000 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	
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.	

DESCRIPTION	MINIMUM REQUIREMENTS	BIDDER'S PROPOSAL MUST BE FILLED
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	
	Trailer towing package including upgraded rear axle and trailer brake wiring kit, and electric brake controller.	
	Jack and tire wrench	
	Removable rubber floor place mats	
	Additional Equipment	Trailer socket equivalent to or compatible with a Grote 82-1002 heavy duty 7-way 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.		
One (1) Add-A-Leaf spring for rear axle, each side		
5-pound dry chemical fire extinguisher and roadside triangle warning kit, to be mounted in cab.		
Electronic reverse alarm.		

DESCRIPTION	MINIMUM REQUIREMENTS	BIDDER'S PROPOSAL MUST BE FILLED
	<p>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.</p>	
	<p>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.</p>	

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>	
Service Body	Knapheide MFG service body or approved equal.	
	Paint color: White	

DESCRIPTION	MINIMUM REQUIREMENTS	BIDDER'S PROPOSAL MUST BE FILLED
	<p>Overall Dimensions:</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" configuration on street side • "C" configuration on curb side <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>Removable 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, equal to unit manufactured by Maintainer, 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>Five year "no rust, no bust" limited warranty.</p>	
Service Body Attachments	<p>Pipe vise bracket: Sliding type on the rear of curbside with reinforcement near the interface of the compartment panel.</p> <p>Chain vise: One (1) Reed Manufacturing Company CV4P or equivalent to, 1/4" to 4" diameter pipes.</p>	

DESCRIPTION	MINIMUM REQUIREMENTS	BIDDER'S PROPOSAL MUST BE FILLED
	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	VMAC Underhood VR150 or equivalent. New and in current production.	
	The air compressor must be installed on the truck engine and must have 100% duty cycle. Compressor must provide 140 CFM up to max 175 PSI. A high temperature cut off switch must be integrated on the compressor. A low profile integrated air inlet control valve will feature an oil fill port, air pressure regulator and dry type paper air filter. The compressor air end dimensions are to be no larger than 7 1/2" x 9" x 13 3/4" in size. A multi-groove drive clutch will be used with a serpentine belt. The air compressor to weigh no more than 66 lbs including the air inlet valve.	
	Digital control box with LCD display will be included. The control box will feature system hours, service interval reminders and safety/functional messages including park brake, over-temp and clutch voltage protection. A 20 second blow-down restart delay will be programmed and remote switch blunt wire connection will be included.	
	Air/oil separator tank. Material must be of high-grade aluminum material and contain an integrated coalescing oil separator element. It must have a lubricant sight glass no smaller than 1 1/2" in diameter. Must contain a 200 PSI high pressure relief valve. It must have a replaceable spin on 25-micron oil filter with safety bypass feature. It must contain a 15 seconds or less integral pneumatically piloted blow down valve. The tank dimension must be no larger than 8 3/4" diameter X 35" length and the weight must be no greater than 37 lbs.	

DESCRIPTION	MINIMUM REQUIREMENTS	BIDDER'S PROPOSAL MUST BE FILLED
	<p>The heat exchanger must be the liquid-to-liquid type. The overall dimensions should be no greater than 4 3/4" x 4 3/4" x 17" in size and the weight must be no greater than 34 lbs without fluid.</p> <p>Throttle control must be an infinitely variable speed control and must automatically modulate engine RPM to match the air demand. It must have a vehicle Drive Disable Circuit (DDC) if equipped with automatic transmission.</p> <p>System must include all compressor mounting bracket, accessory brackets, all applicable belts, fasteners, compressor oil, hoses and installation/owner's manuals.</p> <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 (service kit) for the under-hood 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	The following manufacturer's manuals, in paperback, CD, or USB drive shall be provided: <ul style="list-style-type: none"> a) Operators Manual b) Service Manual 	
Warranty	Defective parts and workmanship to be replaced by vendor without charge in accordance with manufacturer's guarantee	
Note	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	240 calendar days or less.	