

ADDENDUM NO. 1

COUNTY OF KAUA'I
DEPARTMENT OF WATER

INVITATION FOR BIDS

GS-2023-03

FOR THE
FURNISHING AND DELIVERY
OF

ONE (1) 2-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) 2-Wheel Drive 18,000 lb GVWR Truck Cab and Chassis with Service Body, Underhood PTO Air Compressor and Accessories.

Bid due date will be extended to **Wednesday, January 4, 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
December 27, 2022

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO. 1

Receipt Acknowledged:

Organization

Received by

Date

Title

(Please sign and return your acknowledgement.)



SPECIFICATIONS

ONE (1) 2-WHEEL DRIVE 18,000 LB. GVWR TRUCK CAB AND CHASSIS WITH SERVICE BODY, UNDERHOOD 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	
GVWR (Chassis Cab)	18,000 lbs.	
Paint color	White	
Wheelbase	164 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	10-speed automatic with transmission power take-off provision.	
Front Axle Cap.	7,500 lbs.	
Rear Axle Cap.	13,600 lbs.	
Towing Capacity (Chassis Cab)	39,000 lbs.	
Payload Capacity (Chassis Cab)	10,300 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 200 Amps Each	
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. 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	Thirty-four (34) gallon capacity.	
Lights; Reflectors and Safety Equipment	Meet or exceeds Federal requirements.	
Standard/Optional Equipment	Air conditioner (manual) Heater-defroster AM-FM radio Blue Tooth hands free phone system Dual sun visors	

DESCRIPTION	MINIMUM REQUIREMENTS	BIDDER'S PROPOSAL MUST BE FILLED
	<p>Power Group: Power windows, power door locks, power trailer tow mirrors, remote keyless entry.</p> <p>Four (4) speed electric windshield wiper with intermittent feature and windshield washers</p> <p>Trailer towing package including upgraded rear axle and electric brake controller.</p> <p>Jack and tire wrench</p> <p>Removable rubber floor place mats</p> <p>Dual outside low mount 7" x 10" mirrors, heads and brackets extending beyond outside limits of utility body.</p> <p>Dome and cargo lights</p> <p>Cab step (running board) on each side of truck cab.</p>	
Additional Equipment	<p>Trailer socket connection, seven (7) pole round female terminal connector, with concealed terminals flap type lock.</p> <p>12 VDC to 110 VAC Power Inverter, 3000 watts continuous power, 6000 watts surge capacity, minimum Four (4) AC receptacles.</p> <p>One (1) Add-A-Leaf spring for rear axle, each side</p> <p>5-pound dry chemical fire extinguisher and roadside triangle warning kit, to be mounted in cab.</p> <p>Electronic reverse alarm.</p> <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>One (1) amber strobe light equal to a Target Tech Model # 250121 with branch guard protection. On/off switch mounted in dashboard.</p> <p>Two (2) 12-Volt flood lights mounted at rear of utility body. On/off switch mounted in dashboard.</p>	
Service Body	<p>Stahl, Model CST110CVD-52.5 service body or approved equal.</p> <p>Paint color: White</p> <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 	

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	<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 having 500 lb. capacity.</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) CV4P, 1/4" to 4" diameter pipes, as manufactured by Reed Manufacturing Company.</p> <p>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</p>	
Air Compressor	<p>VMAC Underhood VR150 or equivalent. New and in current production.</p> <p>The air compressor must be installed on the truck engine and must have 100% duty cycle. Compressor must provide 150 CFM up to 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.</p>	

DESCRIPTION	MINIMUM REQUIREMENTS	BIDDER'S PROPOSAL MUST BE FILLED
	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.	
	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.	
	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.	
	System must include all compressor mounting bracket, accessory brackets, all applicable belts, fasteners, compressor oil, hoses and installation/owner's manuals.	
	Compressed air outlets shall be provided and readily accessible from the rear of truck on the passenger's side. Outlets include: <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. 	
	One set of spare filters (service kit) for the under-hood compressor system.	
Compressed Air Equipment and Accessories	Two (2) 50 feet lengths of 3/4" air hose outfitted with "Air King" twist lock with pin coupling and one (1) 50 feet length of 3/8" air hose with quick coupling.	
	One (1) 45 lbs class pneumatic demolition tool with 1" x 4-1/4" shank size. An approved unit is Ingersoll-Rand, Model PB35AS8 , and unit shall be furnished with "Air King" twist lock with pin coupling.	
	One (1) 11" asphalt cutter	
	One (1) 14" chisel point, 3" wide	
	One (1) 14"moil point	

DESCRIPTION	MINIMUM REQUIREMENTS	BIDDER'S PROPOSAL MUST BE FILLED
	<p>One (1) 2" x 2" positive displacement air-operated double diaphragm pump. Constructed of aluminum and capable of pumping 172 gpm, max solids ¼ in, max dry suction 14 ft, sound level: 70 psi 50 cycles/min 85.0 dB(A), discharge pressure 120 psi, pump weight 64 lbs. An approved unit is, Model: PD20A-AAP-AAA-B as manufactured by ARO Ingersoll Rand, LTD. Suction end shall be furnished with 2" Dixon "Boss" cam and grove male coupler and air inlet with 3/4" "Air King" twist lock with pin coupling.</p> <p>One (1) 20' length of 2" diameter flexible PVC water suction hose. One (1) end with suction strainer and one (1) end with Dixon "Boss" cam and grove female coupler.</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, Paper Back, CD, or USB Drive Shall Be Provided:</p> <ul style="list-style-type: none"> a) Operators Manual b) Service Manual c) Parts 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.	