



Request for Quote

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
ONE CAPITOL HILL
PROVIDENCE RI 02908

CREATION DATE : 15-MAY-13
BID NUMBER: 7467376
TITLE: BACKHOE FOR THE VETERAN'S CEMETERY -
DHS

BID CLOSING DATE AND TIME:05-JUN-2013 10:30:00

BUYER: Gill, Raymond E Jr
PHONE #: 401-574-8466

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DOA CONTROLLER
ONE CAPITOL HILL, 4TH FLOOR
SMITH ST
PROVIDENCE, RI 02908
US

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DHS VETERANS CEMETERY
301 SOUTH COUNTY TRAIL
EXETER, RI 02822-9712
US

Requisition Number: 1303253

Note to Bidders: ONE BACKHOE PER ATTACHED SPECIFICATIONS. VENDORS SHOULD FILL OUT AND SUBMIT THE ATTACHED SPECIFICATION FORM AND A COPY OF THE MANUFACTURER'S SPECIFICATIONS WITH THEIR BID TO INSURE WARRANTY SERVICE VENDOR MUST BE LOCATED WITH IN 60 MILES OF 301 SOUTH COUNTY TRAIL, EXETER, RI 02822

| Line | Description | Quantity | Unit | Unit Price | Total |
|------|---|-----------|------|------------|-------|
| 1 | BACKHOE FOR RI VETERANS MEMORIAL CEMETERY | 85,000.00 | Each | | |

Delivery: _____

Terms of Payment: _____

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer

| STANDARD FEATURES OR MANUFACTURE'S EQUIVALENT RFQ #7467376 | FOR VENDOR USE ONLY TO INDICATE COMPLIANCE | |
|---|---|--|
| | ↓ Yes/No | ↓ ↓ Specify Alternative (if responding no) |
| Engine: Diesel, 4 cylinder, turbocharged, direct injection, at least 98 SAE net HP, At least 265 CID, 278 lb. ft. torque @ 1,500 RPM, from same manufacturer as unit bid and certified to EPA Tier 3 emissions. | | |
| Individually replaceable, wet-sleeve cylinder liner design to dissipate heat for reduced ring wear and oil breakdown. | | |
| Either cold weather starting aid, 110 volt coolant heater, fuel/water separator. | | |
| Forward tilting hood shall allow all daily servicing to be done from same side of the unit from ground level. | | |
| Extended grill for radiator protection, serpentine belt with automatic tensioner for fan, alternator, and AC compressor. Enclosed safety fan guard. | | |
| Transmission: Full powershift w/electrically activated twist grip F/N/R. Hand operated button on loader control lever to neutralize transmission. | | |
| Torque Converter- Single stage, dual phase, 11 inch diameter, over-running stator, and stall torque ratio no less than 2:63:1 | | |
| The machine will have a dial throttle that will allow the operator to road the machine on cruise control. With a tap of the brake pedal, the engine RPMs will return to idle. | | |
| Axes: Mechanical front wheel drive with limited slip differentials and engageable on the go with console mounted electric rocker switch. Limited slip axles differ from conventional no-spin axles in that limited slip systems drive with both front wheels when engaged, conventional no-slip axle svstems typically use only one front drive wheel at a time. | | |
| Axle to be sealed to prevent entry of foreign material. | | |
| Driveshaft to be protected with MFWD guard. | | |
| The rear axle shall have a differential lock, electric foot-actuated | | |
| The final drives shall be heavy-duty outboard planetary distributing loads over four gears sealed in cooling oil bath for long-life. | | |
| Rear axle bearings shall be self-lubricating and shall not need to be greased | | |
| Brakes: Hydraulically actuated inboard wet disk brakes, self adjusting, self-equalizing, and fully enclosed to prevent contamination when operating in water, mud, or other adverse conditions without encountering brake fade. | | |
| Electrical System: 12 volt with 90 amp alternator, two 12 volt batteries with minimum 950 CCA each, and two 12 volt power ports in cab. | | |
| Units shall have four front halogen driving/working lights ,and 2 cab rear corner lights. Other lights to include 2 front and 2 rear turn and flashing lights, stop and tail lights. | | |

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| Ride Control: Factory-installed ride control to provide smoother ride in over-the-road travel and help maintain bucket material in load and carry operations. | | |
| Cab: Shall be ROPS/FOPS certified, fully enclosed cab, isolation mounted, include fabric covered air suspension seat, 3 inch seat belt with retractors, front and rear windshield wipers, front windshield washers, heater, defroster, air conditioning, tinted safety glass, latched windows, pressurizer, interior rear-view mirror, tilt steering wheel, AM/FM/weatherband radio with clock and CB radio and lockable cab doors. | | |
| General: Unitized frame with componentized power train. Electronic monitoring system or gauges to monitor machine functions. Monitoring system shall provide both visual and audible warning. air restriction indicator, fuel gauge, muffler, horn, rear fenders, SMV emblem. | | |
| Monitoring system to allow on-board diagnostic information by 4 push-button/LCD operator interface. | | |
| Vandal protection, all service fill points and access panels to be lockable, reverse warning alarm, hand and foot throttle, key ignition switch with safety start feature, and low noise package to be included. | | |
| Operating Weight: 18,000 lbs minimum as described. | | |
| Warranty: Warranty shall be a minimum of 12 months, unlimited hours on entire machine with no charge for travel, parts, and labor. Warranty information to be supplied with the bid. | | |
| Manuals: Operator, parts, and repair manuals shall be supplied | | |
| Delivery: Vendor shall provide delivery of machine as described no later than 45 days after receipt of a signed contract or valid purchase order from the Rhode Island Department of Transportation | | |
| Options: Deviations from the requested specifications shall be explained on separate sheet. | | |
| Parking/secondary brake system to be independent of the service brakes and be of sufficient design to hold the weight of the machine on a slope. | | |
| Parking brake shall be spring applied, hydraulically released, wet multi-disc type, not require in-cab adjustment, equipped with a warning light or buzzer and automatically apply when the engine is shut off. The parking brake shall disengage the transmission when applied, ensuring maximum safety by preventing an operator from driving the machine through the parking brake. | | |
| Steering: Hydrostatic power with emergency "dead engine steering". | | |
| Maximum turning radius measured to the outside of the bucket or no more than 36 ft without brakes being applied. | | |
| Hydraulic System: Closed center, pressure compensated load sensing 42 GPM or Greater axial piston pump, with at least 3,625 PSI system relief pressure. | | |
| System to have an oil cooler allowing the installation of optional equipment without overheating the hydraulic system. | | |
| All hydraulic hose connections shall be ORFS (O-ring flat face seal type). | | |
| Tires: Front: 14-17.5 Rear: 19.5L-24 | | |
| Loader: Loader shall have a hinge pin height of at least 11 feet and 1.5 cubic yard bucket with auxiliary edge. | | |

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| Lifting capacity to full height of at least 6,475 lbs, and breakout force of more than 10,170 lbs. | | |
| Single bucket cylinder, bucket level indicator, return to dig feature, be self-leveling, and integral loader boom service lock to be standard equipment. | | |
| Backhoe: Provide a maximum digging depth of at least 19 feet 11 inches | | |
| Two lever (joy stick) pilot controlled functions with electrically operated in-cab pattern changer for backhoe or excavator style controls. | | |
| Digging force bucket cylinder 14,800 lbs minimum | | |
| Dipperstick lift at full height to be 5,000 lbs. with boom holding | | |
| Backhoe to be equipped with a Wayne Ray 36 inch Quick Connect Cemetery Bucket | | |
| Stabilizer pads shall be reversible. Front counterweight for stability and maximum performance shall be maximum available from manufacturer. | | |
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Contract Terms and Conditions

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Terms and Conditions

BID STANDARD TERMS AND CONDITIONS

TERMS AND CONDITIONS FOR THIS BID

DELIVERY PER AGENCY

DELIVERY OF GOODS OR SERVICES AS REQUESTED BY AGENCY.

FISCAL YEAR - AWARD EXTENDING PAST FISCAL YR END

AWARDS EXTENDING BEYOND JUNE 30TH ARE SUBJECT TO AVAILABILITY OF FUNDS. CONTINUATION OF THE CONTRACT BEYOND THE INITIAL FISCAL YEAR WILL BE AT THE DISCRETION OF THE STATE. TERMINATION MAY BE EFFECTED BY THE STATE BASED UPON DETERMINING FACTORS SUCH AS UNSATISFACTORY PERFORMANCE OR THE DETERMINATION BY THE STATE TO DISCONTINUE THE GOODS/SERVICES, OR TO REVISE THE SCOPE AND NEED FOR THE TYPE OF GOODS/SERVICES; ALSO MANAGEMENT OWNER DETERMINATIONS THAT MAY PRECLUDE THE NEED FOR GOODS/SERVICES.

VENDOR SPECIFICATIONS

ALL VENDORS MUST INCLUDE SPECIFICATIONS WITH BID PROPOSAL (EVEN THOSE BIDDING BRAND SPECIFIED). FAILURE TO SUBMIT SPECIFICATIONS WITH BID PROPOSAL MAY RESULT IN DISQUALIFICATION OF BID. ITEMS IN CATALOGS MUST BE CLEARLY MARKED AND PAGES TABBED.

RIVIP INFO - BID SUBMISSION REQUIREMENTS

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BID ALL ITEMS

BIDDERS MUST BID ALL ITEMS TO BE CONSIDERED. AWARD WILL BE BASED ON TOTAL LOW.