



www.shaftsburyvt.gov

Town of Shaftsbury
Municipal Offices at Cole Hall

PO Box 409
61 Buck Hill Road
Shaftsbury, VT 05262-0409
802 442 4038

INVITATION FOR BID PROPOSALS

COMPACT TRACKED EXCAVATOR

Sealed bids will be received at: Office of the Town Administrator
PO Box 409
61 Buck Hill Road
Shaftsbury VT 05262

All sealed bids must be received by: **12:00PM Friday, July 16th, 2021**

Bids will be opened on **July 19th 2021** , 6:30PM at Cole Hall 61 Buck Hill Road Shaftsbury, VT 05262

Bids will be Awarded on **August 2nd 2021** , 6:30PM at Cole Hall 61 Buck Hill Road Shaftsbury, VT 05262

Envelopes should be sealed and clearly marked: To the attention of Town Administrator
COMPACT TRACKED EXCAVATOR

The Town of Shaftsbury reserves the right to reject any and all bids/proposals received, to negotiate with any qualified source, or to cancel in part or in its entirety this bid/proposal as in the best interest of the Town of Shaftsbury. This solicitation in no way obligates the Town of Shaftsbury to award a contract.

BID SPECIFICATIONS

Bid Item: COMPACT TRACKED EXCAVATOR

Scope: All Compact Tracked Excavators quoted on must be of the latest standard model being manufactured and which has been regularly advertised.

In no case, will a quote be acceptable if any of the assemblies furnished are inferior to those described in their regularly published literature. All parts or attachments shall conform in strength, workmanship and quality of material to what is usually provided by good engineering practice.

All Compact Tracked Excavators must meet all State, Federal and OSHA requirements

Bidders shall list and explain in writing any and all deviations from these specifications. Bidders shall provide sufficient detail and proof needed to assist the town in fully evaluating compliance with detailed specifications. Failure to do so may result in rejection of the bid in its entirety

COMPACT TRACKED EXCAVATOR SPECS

OPERATING WEIGHT:

Minimum of 18,500-pound Operating Weight.

GENERAL:

The unit must have as compact of a radius as possible with a maximum of 10" of tail swing.

ENGINE:

Turbo charged, four-cylinder 2.4 Liter 55.9 Net (ISO9249) horsepower Tier 4F diesel engine with 12-volt electric starter, cold weather starting aid (glow plugs preferred), engine block heater. Engine must have a displacement of 148 cubic inches with a bore of 3.4" and stroke of 4". Engine to be protected with extended life anti-freeze (3000-hour change intervals). Unit must have a high ambient cooling package for outside working temperatures of up to 125 degrees. Unit must have Auto-Idle feature, as well as an Economy Mode. Unit must have access doors to allow for ground level daily checks/servicing. Fan guard on fan. Unit must have an electric fuel priming pump. Unit must have 500-hour oil change intervals.

ELECTRICAL:

12-volt electrical system. Alternator must be a minimum of 60 amp., Heavy Duty Battery must be a minimum of 900 CCA. Unit must have horn and back-up alarm. Unit must have internal 12-volt power point. All Electrical wires must be color coded and numbered. All wire harnesses must be encased in a nylon mesh binding. Unit must have a master battery disconnect switch. Unit must have a keyed ignition switch. Unit must have a security start/shutdown touch pad system that can be turned on and off. Unit must have a minimum of 2 work lights.

FLUID CAPACITIES (all are minimums):

Fuel Tank 38 gallons

Cooling System 2.6 gallons

Engine Oil 2.5 gallons

Hydraulic Tank 14 gallons

Hydraulic System 27 gallons

CAB:

Unit must have a deluxe ROPS cab, left hand door, right sliding window, HVAC, AM/FM Bluetooth Radio, suspension seat, front wiper/washer, interior/exterior rear-view mirrors. Unit must have an openable top section front window. Bottom front window section must slide up into top window to be storable above head. Cab will have a minimum of one interior cab light. Unit must have a color rear camera. All cab, ignition and compartment doors will be keyed alike. Cab must have removable rubber floor mat.

TRAVEL SYSTEM:

Unit must have automatic two speed travel. Speed one, minimum of 1.9 mph. Speed two, minimum of 3.1 mph. Unit must have dual travel pedals with handles. Unit must have the ability to steer/operate the forward/reverse travel of the machine with the left joystick. Minimum tractive force in speed one is 14,035 pounds. Minimum tractive force in speed two is 5,856 pounds. Drive motors on unit must be integrated into the track frame for protection. Unit must have straight line travel when tracking and operating the front linkage simultaneously. Unit must have a Stick Steer Mode where travel is performed by the left joystick.

TRACKFRAME/UNDERCARRIAGE:

Unit must have a long track, with a minimum of 109". Unit must have hydraulically adjustable track adjusters. Unit must have a minimum of 18" Steel Triple Grouser Track Pads with Bolt on Rubber Pads. Unit must have large tiedown points on the track frame for transportation. Unit must have an idler guard to protect the track when working or traveling on slopes. Idlers and rolls must be oil filled for long life. Drive sprockets must be bolt on style.

BLADE:

Unit must have a blade with a minimum width of 90". Blade must cover the width of the tracks. Blade must have a bolt on cutting edge. Blade must have a float function. Machine width must not exceed 90". Blade height must be a minimum of 14". Dig depth of the blade will be a minimum of 16".

SWING SYSTEM:

Unit must have a minimum of 10 rpm swing speed. Unit must have a spring applied hydraulically released swing brake. Unit must have a swivel guard.

HYDRAULIC SYSTEM:

Unit must have a load sensing variable displacement piston pump, with a minimum hydraulic output of 44 gallons per minute. Unit must have auxiliary hydraulic function plumbed to the end of the stick and must be operated by the operator in the cab. System must have the ability for the operator to select the auxiliary flow in the monitor. Operating pressure must be a minimum of 4,134 psi. Unit must have an accumulator to allow the boom and stick to be lowered to the ground in case of a dead engine. All fittings must be flat faced seal type. All quick couplers must be the screw on type, with dust caps. The boom cylinder circuit must have a boom drift reduction valve. Unit must have the ability to switch between one-way and two-way hydraulic attachments/tools by way of a switch or lever. Unit must have a control changer to swap between excavator and backhoe controls. Activation of the auxiliary hydraulics must be located in the joysticks. Hoses must be secured with heavy duty clamps and offer additional protection at suspected wear points. Unit must have hydraulic lock out system in the cab. Unit must have hydraulic test ports for quick, easy, efficient system diagnostics. Hydraulic hoses must contain a part number tag.

HYDRAULIC SYSTEM (cont.):

Unit must have 2 sets of Auxiliary Hydraulic Lines, so the tilting bucket and the thumb can be operated at the same time.

BOOM/DIPPERSTICK:

Unit must have a side of cab mounted fixed boom. Unit must have the long stick option with a minimum dig depth of 183", with a minimum ground lever reach of 263". Unit must have a minimum of 305" reach height. Unit must have a minimum stick dig force of 7,579 pounds. Unit must have a minimum bucket dig force of 12,272 pounds. Unit must have a minimum lift capacity of 7,928 pounds, over the front with the blade down @ 9'8" out at Ground level. Bucket rotation angle must be a minimum of 200 degrees.

ATTACHMENTS:

Unit must have a hydraulically operated pin grabber coupler; operation of the coupler must be located in the monitor. Unit must have a 30" extra heavy duty dig bucket with teeth and a 48" hydraulic tilting ditching bucket with a bolt on cutting edge. Coupler and bucket system must allow for attachments to be reversed and used in that manner. Unit must have a direct style hydraulic thumb that rotates on the main dipper stick pin. Coupler, Buckets and Thumb must be manufactured by the equipment manufacturer.

MANUALS:

Unit must come with one (1) operator's manual and one (1) parts CD.

TRAINING:

Vender must provide adequate training for operators and mechanics on the correct operation and maintenance of the unit.

WARRANTY:

Unit must have a 5 Year/2500 Hour Full Machine Warranty. Warranty coverage must not allow for a deductible for non-powertrain related failures. Please provide information regarding limits of coverage.

EXEMPTION SHEET:

Please include an Exemption sheet with your Bid, clearly stating any specifications listed here that are not meet.

Trade:

Town of Shaftsbury to trade in a **2013 Volvo EW160D**. This machine can be inspected by contacting Mike Yannotti at 802-681-7240, or DPW@Shaftsburyvt.gov

Availability of parts and service may be a factor in awarding bid. The Town of Shaftsbury reserves the right to reject any or all bids in the best interest of the Town

General Information:

1. Proposals shall be submitted on the “Bid Proposal Form” provided.
2. All warranties, conditions and a descriptive brochure describing the equipment shall be enclosed in the bid proposal.
3. The Town is exempt from payment of Vermont State Taxes and Federal Taxes. All bidders should quote a net price exclusive of these taxes. Exemption certificate will be provided to selected bidder.
4. No bidder may withdraw a bid for a period of thirty (30) days after the due date of the bid.
5. Shaftsbury Purchasing Policy Vendor Selection
 - a. Whenever possible and appropriate, vendors will be selected on a competitive basis.
 - b. Bids, quotations, and proposals will be solicited by newspaper advertising, direct mail request to prospective suppliers, or by telephone.
 - c. Purchase orders or contracts for purchases shall be awarded to the lowest, best-qualified and most responsible Vendor following a majority vote of the Select Board.
 - d. Any and all bids, quotes or proposals may be rejected if such reaction is deemed to be in the best interest of the Town of Shaftsbury.
 - e. In determining “lowest, best qualified and most responsible vendor”, in addition to price, the following will be considered:
 - a) The ability, capacity and skill of the vendor to perform the contract or provide the material or service required.
 - b) The ability of the vendor to perform the contract or provide material or service promptly or within the time specified, without delay or interference.
 - c) The character, integrity, reputation, judgment, experience, and efficiency of the vendor.
 - d) The previous and existing compliance by the vendor with laws and ordinances related to the contract, order or service.
 - e) The sufficiency of the financial resources and ability of the vendor to perform the contract, fill the order, or provide the service.
 - f) The quality, availability and adaptability of the supplier, or contractual services to the particular use required.
 - g) The ability of the vendor to provide future maintenance and service for the contract.
 - h) The number and scope of conditions attached to the bid, quotation or proposal.
 - f. The Select Board may choose to accept a vendor from the local area (Arlington, Bennington, North Bennington, and Shaftsbury), or a vendor with a favorable history with the Town of Shaftsbury, that is higher than the lowest bid.
6. Prospective bidders may submit questions to DPW Foreman Mike Yannotti dpw@shaftsburyvt.gov with questions.

BID PROPOSAL FORM

Make of Unit Quoted: _____

Model of Unit Quoted: _____

Year of Unit Quoted: _____

Discounted Price of Unit \$ _____

Less 2013 Volvo EW160D Trade \$ _____

Net Trade \$ _____

“All bidders must include 5 year financing proposals”

Delivery date from date of Town Placing order Awarded August 2nd 2021

Date: _____

Company Name

Company Representative Name

Company Representative Signature

Date

**BIDS received after 12:00PM July 16th 2021 will not be considered.
ALL BID PROPOSALS MUST BE SIGNED TO BE CONSIDERED**

TOWN OF SHAFTSBURY VERMONT
COMPACT TRACKED EXCAVATOR

EXEMPTION SHEET

Please list below all specifications not met with your quote: