

REQUEST FOR QUOTATION

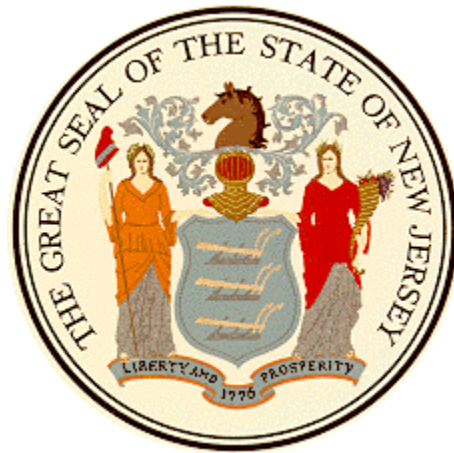
Large Backhoe

STATE OF NEW JERSEY

Honorable Philip D. Murphy, Governor
Honorable Sheila Y. Oliver, Lt. Governor

DEPARTMENT OF TRANSPORTATION

Diane Gutierrez-Scaccetti, Commissioner



April 29, 2021

Important Dates

Question Cut-Off:	Wednesday, May 12, 2021 @ 10:00 AM Email: dot-ems_bid.procurement@dot.nj.gov
Answers to Bid Questions:	Bidders are encouraged to monitor the NJDOT – EMS website daily for updates, changes and responses to questions through the submission due date. http://www.nj.gov/transportation/business/procurement/ems/current.shtm
Bid Opening:	Wednesday May 19, 2021 @ 10:00 AM Email: dot-ems_bid.procurement@dot.nj.gov Quotes sent to any other e-mail address may result in the quote being rejected. The quote must be submitted in PDF format. No other format will be accepted.
Procurement Contact:	Kaitlin Powers Email: dot-ems_bid.procurement@dot.nj.gov

1.0 Purpose

The purpose of this Request for Quotation is to procure a Large Backhoe per the specifications listed below. The description and parts are minimum requirements and are provided for reference. Equivalent or better equipment may be acceptable as substitutions.

2.0 Specifications

Project	Large Backhoe
	Vendors Compliance/Equipment Availability
	Minimum Requirements
MODEL	
TYPE	Shall be a John Deere 410L or equivalent model
DIMENSIONS & CAPACAITIES	
BREAKOUT FORCE WITH BUCKET	Minimum 9,150 lbf
LIFT CAPACITY	Minimum 7,000 lbs
DIGGING DEPTH (EXTENDED)	Minimum 19 feet
BUCKET DIGGING FORCE	Minimum 15,700 lbf
ENGINE	
TYPE	John Deere PowerTech EWL 4.5L Turbocharged Engine or Equivalent

HORSE POWER	Minimum 116 HP
FUEL TYPE	Diesel
FUEL TANK CAPACITY	Minimum 34 gallons
DEF TANK CAPACITY	Minimum 3.6 gallons
BLOCK HEATER	Electrical block heater mounted in block, 500 to 1000 Watt, 120-volt, with flush mounted NEMA 5-15 configuration body receptacle (male), with spring loaded weather cap. The unit shall be supplied with a 25 foot grounded, UL approved indoor/outdoor use type 12-gauge extension cord. The female connection of the cord to fit the weather cap assembly.
COOLING	Shall be protected to -20 degrees F.
ELECTRIC	
BATTERIES	Shall be equipped with Dual Batteries (Minimum 1900 CCA)
VOLTAGE	Minimum 12-volts
ALTERNATOR	Shall be equipped with a Minimum 145 Amp Alternator
POWERTRAIN	
TRANSMISSION	Shall be equipped with a five (5) speed, full PowerShift transmission with hydraulic reverser standard; electric clutch cutoff on loader lever; and standard AutoShift.
TORQUE CONVERTER	Shall be heavy duty industrial type
SPEED	Shall be equipped to travel speeds of zero (0) to twenty (20) M.P.H. in forward
AXLES	Front and rear axles to be industrial type, capable of carrying a full payload.
DIFFERENTIAL LOCK	Shall be equipped with a foot actuated, hydraulically engaged 100% mechanical lock.
LIMITED SLIP	Shall be equipped with an Automatic, limited-slip control.
STEERING	Shall be equipped with a hydrostatic power steering and emergency steering.
DRIVESHAFT GUARD	Shall be equipped with a Full MFWD Driveshaft Guard.
BRAKES	
TYPE	Power assisted, hydraulic wet disc, mounted inboard, self-adjusting and self-equalizing.
PARKING	Spring applied, hydraulically released, wet, multi-disc, independent of service brakes with electric switch control.
CAB	
HEATER AND AIR CONDITIONING	Shall be of fresh air, defroster
MIRRORS	Shall be equipped with One (1) Front View Mirror and two (2) Exterior Rear View Mirrors.
DOORS	On both sides of the cab.
SEAT	Shall have Swivel Seat with Lumbar Adjustment and Arm Rests. Fully Adjustable with Air Suspension. Shall be equipped with a retractable seat belt.
ENTRY	Easy access steps and a handrail (left and right side) to be provided.
WINDSHIELD (FRONT)	Cab shall have one piece front tinted windshield, and is to provide complete visibility in all directions. Windshield shall be made of safety glass throughout. Sun Visor shall be equipped as well.

WIPERS	Shall be equipped with a front two (2) speed wiper with windshield washer and a one (1) speed rear wiper.
GAUGES	A manufacturer's standard gauge cluster shall be equipped providing: engine oil pressure gauge, ammeter or voltmeter, engine temperature gauge, engine hour meter, parking brake indicator, tachometer, fuel gauge and torque converter temperature gauge.
BACKUP	Device shall automatically adjust to background noise and shall be weatherproof.
REAR WHEEL FENDERS	Shall be supplied
VANDAL PROTECTION	Shall be equipped with a Keyless start and a keypad to enter up to 10 security codes to start. Keys are provided for doors and outside storage areas. Vandal protection for locking monitor, engine hood, toolbox, hydraulic reservoir and fuel tank.
GREASE GUN	Lever type; shall be equipped.
CONSOLE	Shall be equipped with a Left side console storage with cup holders
OUTLET	Minimum 12-volts
PIVOTAL BEACON BRACKET	Shall be equipped with a Pivotal Beacon Bracket to support the top strobe light.
SAFETY	Cab shall include roll over protective structure (ROPS/FOPS)
LIGHTS	
TYPE	Shall be equipped with Ten (10) Total LED Lights; Two (2) LED Spotlights, Eight (8) LED Flood lights, Turn signals and flashers (Two (2) front and two (2) rear, stop and taillights).
STROBE LIGHTS	Shall be equipped with a Strobe Light package: Four (4) corner strobes mounted underneath cab roof and one roof beacon place on pivotal bracket over cab.
REFLECTIVE STRIPING	The unit shall be striped for use in night operations with 3M grade 2" wide, red/white conspicuity tape per the following: - One (1) stripe on each side of the bucket digging arm. - One (1) stripe down each of the stabilizer arms.
HYDRAULICS	
RESERVOIR CAPACITY	Minimum 11.9 gallons
AUXILIARY HYDRAULIC	Shall be equipped with Auxiliary Hydraulic with one and two way flow. Includes factory installed plumbing to end of dipperstick for one and two way flow valve.
PILOT CONTROLS	Shall be equipped with Two (2) Lever pilot controls with pattern selection. Proportional auxiliary control and extendable dipperstick control integrated into levers.
HYDRAULIC BACKHOE THUMB	Shall be equipped with a 37 inch Hydraulic Backhoe Thumb - 4 Tine.
LOADER COUPLER	Shall be equipped with a Single Lever Loader Control with Electric Clutch Disconnect, momentary Mechanical Front Wheel Drive (MFWD), transmission quick-shift, and electro-hydraulic auxiliary control. Includes Auto Ride Control, valve with circuit relief and 0.5 inch hoses and steel lines to loader cross tube.
TIRES	
TYPE	Shall be equipped with 21L, 24 inch, 12 PR Rear tires and 80-18 10PR Front tires.

REQUIRED ATTACHMENTS	
QUICK COUPLER	Shall be equipped with Quick Coupler - 37 inch Thumb Ready - includes factory installed thumb cylinder mounting ears installed onto dipper.
FRONT BUCKET	Shall be equipped with a 106 inch wide, 1.25 cu. Yd., Side Dump Bucket equipped with Wear Plates and a Cutting Edge. The bucket shall dump to the right. The bucket shall also be equipped with a five (5)-ton crane hook built inside on the front center with a safety latch.
REAR BUCKET	Shall be equipped with a 24 inch wide, heavy-duty, 7.5 cu. Ft. capacity bucket on the rear of backhoe
COUNTER WEIGHT	Shall be equipped with a 750 lb. Counterweight.
DIPPERSTICK	Shall be equipped with an Extendable Dipperstick
PADS	Flip over stabilizer pads shall be supplied
CRANE HOOK	Rear Bucket shall be equipped with crane hook, with heavy-duty latch (Gunnebo model SHB-8 or approved equal), six (6)-ton minimum. Shall be mounted on the top of the bucket on the centerline.
OTHER	
MANUALS	Shall be equipped with english operator and safety manuals.
DECALS	Shall be equipped with english decals.
LINK	Shall be equipped with a JD Link equivalent monitoring system.
WARRANTY	Shall be equipped with a 5 yr or 3,000 hour warranty

3.0 Freight

The above equipment shall be shipped to:

New Jersey Department of Transportation
1035 Parkway Avenue
Building 7
Ewing, NJ 08625

The freight cost for delivery of this equipment shall be included.

4.0 Delivery

Delivery shall not exceed 120 days after receipt of purchase order. Delivery date shall be confirmed at the time order is placed.

Delivery Points of Contact:
Steve Rudic (609) 530-2264

5.0 Warranty

The Vendor agrees to immediately replace and install free of charge any part that may break, fail or malfunction by reason of defective material or workmanship for a minimum period of five (5) year / 3,000 hours or the manufacturer's standard warranty, whichever is longer, from the date of acceptance by the NJDOT. Bidder must provide warranty information with its proposal.

6.0 Quote Content

A quotation must arrive at NJDOT in accordance with this RFQ, within the time frame indicated to the e-mail address noted in this RFQ. The quote should be submitted in two (2) sections with the content of each as indicated below.

A. Section 1 – Forms

The Vendor must submit all the forms listed on the checklist. The checklist and required forms can be found at the following link:

<https://www.state.nj.us/treasury/purchase/forms/Waiver%20and%20DPA%20Contract%20Checklist.pdf>.

All forms must be completed and submitted in their entirety with the bidder's proposal. Failure to submit DPA Forms may result in the proposal being rejected.

NOTE: The Vendor must be registered in NJSTART to qualify for an award. NJSTART registration link as follows: <https://www.njstart.gov/bsol/>

B. Section 2 – Price

The Vendor may supply their own quote; however, the total price for all aspects of the bid must appear on the PB-120 accompanying this RFQ.

Cut sheets and/or equipment brochures shall be included with the quote.

The quote must be submitted in PDF format. No other format will be accepted.

7.0 Negotiation and best and final offer (BAFO)

After evaluating the quote, NJDOT may establish a competitive range and enter into negotiations with one (1) Bidder or multiple Bidders within this competitive range. The primary purpose of negotiations is to maximize the State's ability to obtain the best value based on the mandatory requirements, evaluation criteria, and cost. Multiple rounds of negotiations may be conducted with one (1) Bidder or multiple Bidders. Negotiations will be structured by NJDOT to safeguard information and ensure that all Bidders are treated fairly.

Negotiations will be conducted only in those circumstances where they are deemed by NJDOT to be in the State's best interests and to maximize the State's ability to get the best value. Therefore, the Bidder is advised to submit its best price quote in response to this solicitation since NJDOT may, after evaluation, make an award based on the content of the initial submission, without further negotiation and/or Best and Final Offer (BAFO), with any Bidder.

8.0 Award

A. Award of this contract will be based upon the lowest responsible bid.

- B. The New Jersey Department of Transportation (NJDOT) reserves the right to reject all bids.
- C. NJDOT reserves the right to award this project in whole, in part or not make an award.
- D. Awarded Contractors, along with their proposal amount will be posted on the NJDOT, Equipment Materials & Supplies, Awarded Projects' webpage.
- E. Award of this contract shall not be interpreted to mean approval to proceed until an authorized purchase order is issued to the contractor.

9.0 Additional Notices & Requirements

A) DIANE B. ALLEN EQUAL PAY ACT

Pursuant to N.J.S.A. 34:11-56.14(b), any employer, regardless of the location of the employer, who enters into a contract with a public body to perform any public work for the public body shall provide to the Commissioner of the New Jersey Department of Labor and Workforce Development, through certified payroll records required pursuant to P.L.1963, c.150 (C.34:11-56.25 et seq.), information regarding the gender, race, job title, occupational category, and rate of total compensation of every employee of the employer employed in the State in connection with the contract. The employer shall provide the commissioner, throughout the duration of the contract or contracts, with an update to the information whenever payroll records are required to be submitted pursuant to P.L.1963, c.150 (C.34:11-56.25 et seq.).

Information regarding the Diane B. Allen Equal Pay Act and its requirements may be obtained from the New Jersey Department of Labor and Workforce Development (LWD) web site at: <https://nj.gov/labor/equalpay/equalpay.html>

LWD forms may be obtained from the online web site at: https://nj.gov/labor/forms_pdfs/equalpayact/MW-562withoutfein.pdf

- B) NJDOT is required to comply with P.L. 2012, c. 4, which requires all agencies to encourage awarded contractors to notify their employees of organ and tissue donation options.

“Organ and Tissue Donation: As defined in section 2 of P.L. 2012, c. 4 (N.J.S.A. 52:32-33), contractors are encouraged to notify their employees, through information and materials or through an organ and tissue awareness program, of organ donation options. The information provided to employees shall be prepared in collaboration with the organ procurement organizations designated pursuant to 42 U.S.C. §1320b-8 to serve in this State.”

C) ANTI-DISCRIMINATION

All parties to any contract with the State agree not to discriminate in employment and agree to abide by all anti-discrimination laws including those contained within N.J.S.A. 10:2-1 through

N.J.S.A. 10:2-4, N.J.S.A. 10:5-1 et seq. and N.J.S.A. 10:5-31 through 10:5-38, and all rules and regulations issued thereunder are hereby incorporated by reference.

The contractor or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et seq., as amended and supplemented from time to time.