



7 - 6/3/26

The State of New Hampshire  
Department of Transportation



David Rodrigue, P.E.  
Commissioner

Michelle L. Winters  
Deputy Commissioner

Her Excellency, Governor Kelly A. Ayotte  
and the Honorable Executive Council  
State House  
Concord, New Hampshire 03301

Bureau of Turnpikes  
May 5, 2026

**Requested Action**

Pursuant to MOP 150 VII (C) authorize the Department of Transportation (DOT) to purchase one (1) heavy duty platform body and aerial lift with digger utilized for Bureau of Traffic infrastructure installation and maintenance, from Cues Inc, (Vendor Code 163127) Amherst, NH in the amount of \$324,674.00, effective upon Governor and Council approval through August 31, 2027. **100% Turnpike Funds.**

Funding is available as follows:

**FY 2026**

04-96-96-961017-70320000

Blue Star Turnpike Maintenance

030-500320 Motor Vehicles (Replace)      \$324,674.00

**Explanation**

The Bureau of Traffic is responsible for traffic sign maintenance on the State Highway System which provides motorist information, traffic flow and state laws. The Bureau of Turnpikes is responsible for the replacement of Traffic Bureau’s Interstate Highway Sign truck because they are responsible for the maintenance of all the highway signs along the Turnpike system. Sign maintenance includes sign replacement due to weather or crash damage, signs that are past their life expectancy and losing their retro reflectivity or installation of new signage. Interstate highway signs are heavy and large and mounted on highway sign structures or bridges while ground-mounted signs require drilled holes for installation. This aerial lift and digger allows for safe and efficient operation for the Traffic Bureau employees. This purchase is a required replacement for the existing truck with aerial lift and digger reaching the end-of-life cycle. This item will be mounted on a truck and chassis previously purchased and delivered through another Statewide contract with New Hampshire LLC.

Following Chapter Adm 600 Procurement and Property rules, a bid was posted (116-26) on the Department of Administrative Services’ bid website. A bid was received from only one vendor on April 2, 2026, from Cues, Inc, the low and compliant bidder. This vendor was awarded the bid for the required purchase. Prior to the Purchase and Property process, the Bureau of Turnpikes reached out to four (4) vendors for quotes. Cues, Inc. was the only quote received while other vendors noted they did not supply

this type of equipment. Following the formal process, the Division of Procurement and Property sent follow-up emails to all non-responsive bidders. Thirteen (13) responses were received. Each response noted either that they did not have comparable equipment or supplied different equipment not pertaining to the bid.

Your approval for this purchase is respectfully requested.

Sincerely,

A handwritten signature in blue ink, appearing to read 'David Rodrigue', with a long horizontal flourish extending to the right.

David Rodrigue, PE  
Commissioner

Attachments



Division of Procurement Support Services  
Bureau of Purchase Property

Gary S. Lunetta  
Director  
(603) 271-2201

Bid Summary

Bid Description	Heavy Duty Platform Body and Aerial Device with Digger		Agency	DOT
Bid #	116-26		RQ #	256096
Agent Name	Lincoln Adams		Bid Closing	4/2/2026 @ 11:00 AM
Indicates Award: <input type="checkbox"/>				
Qty	UOM	Product Description	Cues	
			Total Cost	
1	EA	Rear Mounted 55 Ft Aerial Device	\$324,674.00	
Special Notes:	Only 1 bid response was received from Cues. E-mails were sent to all non response bidders and 13 responses were received. Vendors reported that they, either do not have a comparable machine, do not supply the type of equipment, or that they supply different equipment not pertaining to the bid.			



**State of New Hampshire Purchase Order**

**PURCHASE ORDER NUMBER**  
**5001340**  
 This number must appear on all invoices, packages, cartons, bills of lading, and packing slips.

Date: 04/14/2026  
 Status: DRAFT  
 Ship Via:  
 FOB: Destination  
 Freight Terms: Vendor Paid  
 Terms: Net 30  
 Due Days: 30

**Bill To:** TURNPIKES OFFICE  
 TURNPIKES OFFICE  
 ACCOUNTS PAYABLE  
 PO BOX 2950  
 CONCORD NH 03302-2950

CUES INC  
 14 CALDWELL DR  
 AMHERST NH 03031

**Ship To:**  
 DOT MECHANICAL SERVICES OFFICE  
 33 SMOKEY BEAR BLVD  
 CONCORD NH 03301

Vendor #: 163127  
 Contact: Joyce Reczko

Phone: (603) 889-4071  
 Fax: 91 (603) 886-5909

Agency Contact: John Corcoran 603-731-4573

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
1	1.00	EA	Deliver on or before April 30, 2027 unless specified by line REAR MOUNTED 55 FT AERIAL DEVICE WITH DIGGER PER RFB 116-26 Purchase Order Summary Goods Total: Order Total: Please send invoices to: NH Dept. of Transportation Bureau of Turnpikes PO Box 2950 Concord, NH 03302-2950	324,674.00000	324,674.00 \$324,674.00 \$324,674.00

Buyer: Lincoln Adams  
 Phone: 603-271-0580  
 Process Level: 09600

**Total Amount: \$324,674.00**

1. The State of New Hampshire engages the firm or individual ("the Vendor") to perform the services and/or sale of goods, described in the attached State Proposal and the Vendor's proposal, bid or quotation, any of which are incorporated herein by reference.

**2. COMPLIANCE BY VENDOR WITH LAWS AND REGULATIONS.** In connection with the performance of this agreement, the Vendor shall comply with all statutes, laws, regulations, and orders of federal, state, county or municipal authorities which shall impose any obligation or duty upon the Vendor, including, but not limited to civil rights and equal opportunity laws. In addition, the Vendor shall comply with all applicable copyright laws.

**3. TERM.** The contract and all obligations of the parties thereunder, shall become effective on a specified date and shall be completed in their entirety prior to a specified date. Any work undertaken by the Vendor prior to the effective date shall be at his sole risk and, in the event that the contract shall not become effective, the State shall be under no obligation to reimburse the Vendor for any such work.

**4. CONTRACT PRICE.** The contract price, a payment schedule and a maximum limitation of price shall be as specified by the proposal or bid invitation and the Vendor's response. All payments shall be conditioned upon receipt, and approval by the State, of appropriate vouchers and upon satisfactory performance by the Vendor, as determined by the State. The payment by the State of the Contract Price shall constitute complete reimbursement to the Vendor for all expenses of any nature incurred by the Vendor in the performance by the contractor and complete payment for the Services. The State shall have no other liability to the Vendor.

**5. DELIVERY.** If the Vendor fails to furnish items and/or services in accordance with all requirements, including delivery, the state may repurchase similar items from any other source without competitive process, and the original Vendor may be liable to the state for any excess costs.

If a Vendor is unable to complete delivery by the date specified, he must contact the using branch and or agency. However, the branch and or agency is not required to accept a delay to the original delivery date. All deliveries are subject to inspection and receiving procedure rules as established by the State of New Hampshire. Deliveries are not considered accepted until compliance with these rules has been established. State personnel signatures on shipping documents shall signify only the receipt of shipment.

**6. INVOICING.** All invoices must be in triplicate showing Order Number, Unit and Extension Prices and discounts allowed. A separate invoice shall be submitted for each order. Unless otherwise noted on the proposal or purchase order, payment will not be due until thirty(30) days after all services have been completed, or all items have been delivered, inspected and accepted or the invoice has been received, whichever is later.

**7. PERSONNEL.**

**7.1.** The Vendor shall disclose in writing the names of all owners (5% or more), directors, officers, employees, agents or subcontractors who are also officials or employees of the State of New Hampshire. Any change in this information shall be reported in writing within fifteen (15) days of their occurrence.

**7.2.** The person signing this agreement on behalf of the State, or his or her delegee ("Contracting Officer") shall be the State's representative for purposes of this agreement. In the event of any dispute concerning the interpretation of this agreement, the Contracting Officer's decision shall be final.

**8. EVENT OF DEFAULT; REMEDIES.**

**8.1.** Any one or more of the following acts or omissions of the Vendor shall constitute an event of default hereunder ("Events of Default").

**8.1.1.** failure to deliver the goods or services satisfactorily or on schedule; or

**8.1.2.** failure to submit any report required hereunder; or

**8.1.3.** failure to perform any of the other covenants and conditions of this agreement.

**8.2.** Upon the occurrence of any Event of Default, the State may take any one, or more, or all, of the following actions:

**8.2.1.** give the Vendor a written notice specifying the Event of Default and requiring it to be remedied within, in the absence of a greater or lesser specification of time, thirty(30) days from the date of the notice; and if the Event of Default is not timely remedied, terminate this agreement, effective two (2) days after giving the Vendor notice of termination; and

**8.2.2.** give the Vendor a written notice specifying the Event of Default and suspending all payments to be made under this agreement and ordering that the portion of the Contract Price, which would otherwise accrue to the Vendor during the period from the date of such notice until such time as the State determines that the Vendor has cured the Event of Default, shall never be paid to the Vendor; and

**8.2.3.** set off against any other obligation the State may owe to the Vendor any damages the State suffers by reason of any Event of Default; and

**8.2.4.** treat the agreement as breached and pursue any of its remedies at law or in equity, or both.

**9. WAIVER OF BREACH.** No failure by the State to enforce any provisions hereof after any Event of Default shall be deemed a waiver of its rights with regard to that Event, or any subsequent Event. No express failure of any Event of Default shall be deemed a waiver of any provision hereof. No such failure or waiver shall be deemed a waiver of the right of the State to enforce each and all of the provisions hereof regarding any further or other default on the part of the Vendor.

**10. VENDOR'S RELATION TO THE STATE.** In the performance of this agreement the Vendor is in all respects an independent contractor, and is neither an agent nor an employee of the State. Neither the Vendor nor any of its officers, employees, agents or members shall have authority to bind the State nor are they entitled to any of the benefits, workmen's compensation or emoluments provided by the State to its employees.

**11. ASSIGNMENT AND SUBCONTRACTS.** The Vendor shall not assign, or otherwise transfer any interest in this agreement without the prior written consent of the State. No work required by this contract shall be subcontracted without the prior written consent of the State.

**12. INDEMNIFICATION.** The Vendor shall defend, indemnify and hold harmless the State, its officers and employees, from and against any and all losses suffered by the State, its officers and employees, and any and all claims, liabilities or penalties asserted against the state, its officers and employees, by or on behalf of any person, on account of, based on, resulting from, arising out of (or which may be claimed to arise out of) the acts or omissions of the Vendor. Notwithstanding the foregoing, nothing herein contained shall be deemed to constitute a waiver of the sovereign immunity of the State, which immunity is hereby reserved to the State. This covenant shall survive the termination of this agreement.

**12.1. PATENT PROTECTION.** The Vendor agrees to indemnify and defend the State of New Hampshire from alleged and actual patent infringements and further agrees to hold the State of New Hampshire harmless from any liability arising under RSA 382-A:2-312(3). (Uniform Commercial Code).

**13. TOXIC SUBSTANCES.** In compliance with RSA 277-A known as the Workers Right to Know Act, the Vendor shall provide Material Safety Data Sheets with the delivery of any and all products covered by said law.

**14. NOTICE.** Any notice by a party hereto to the other party shall be deemed to have been duly delivered or given at the time of mailing by certified mail, postage prepaid, in a United States Post Office addressed to the parties at the addresses given below.

**15. AMENDMENT.** This agreement may be amended, waived or discharged only by an instrument in writing signed by the parties hereto.

**16. CONSTRUCTION OF AGREEMENT AND TERMS.** This agreement shall be construed in accordance with the laws of the State of New Hampshire, and is binding upon and inures to the benefit of the parties and their respective successors and assigns.

**17. ADDITIONAL PROVISIONS.** The additional provisions (if any) have been set forth as Exhibit "A" hereto.

**18. ENTIRE AGREEMENT.** This agreement, which may be executed in a number of counterparts, each of which shall be deemed an original, constitutes the entire agreement and understanding between the parties, and supersedes all prior agreements and understandings relating hereto.



**NEW HAMPSHIRE DEPARTMENT OF ADMINISTRATIVE SERVICES  
DIVISION OF PROCUREMENT AND SUPPORT SERVICES**

**REQUEST FOR BID  
FOR  
HEAVY DUTY PLATFORM BODY AND AERIAL DEVICE WITH DIGGER**

**116-26**

**DUE DATE: 4/2/2026 11:00 AM (EASTERN TIME)**

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**1. PURPOSE:**

1.1. The purpose of this bid invitation is to establish a contract in the form of a purchase order, for supplying the State of New Hampshire with the item(s) indicated in the "Offer" section of this bid invitation, in accordance with the requirements of this bid invitation and any resulting order. This shall be a one-time order with delivery required to the location indicated in the F.O.B. section of this bid invitation.

**2. INSTRUCTIONS TO VENDOR:**

2.1. Read the entire bid invitation prior to filling it out. Complete the pricing information in the "Offer" section (detailed information on how to fill out the pricing information can be found in the "Offer" section); complete the "Vendor Contact Information" section; and finally, fill out, and sign the transmittal letter.

**3. BID SUBMITTAL:**

3.1. All bids shall be submitted on this form, or an exact copy shall be typed or clearly printed in ink and shall be received on or before the date and time specified in paragraph 7 of this bid under "Bid closing". Interested parties may submit a bid to the State of New Hampshire Bureau of Purchase and Property by email to [NH.Purchasing@DAS.NH.Gov](mailto:NH.Purchasing@DAS.NH.Gov). All bids shall be clearly marked with bid number, date due and purchasing agent's name.

3.2. IF YOU ARE EXPERIENCING DIFFICULTIES EMAILING YOUR BID OR YOU WISH TO VERIFY THAT YOUR BID RESPONSE HAS BEEN RECEIVED, PLEASE CALL (603) 271-2201.

**4. BID INQUIRIES:**

4.1. Any questions, clarifications, and/or requested changes shall be submitted by an individual authorized to commit their organization to the Terms and Conditions of this bid and shall be received in writing at the Bureau of Purchase and Property no later than 4:00 PM on the date listed in paragraph 7. Questions shall not be submitted to anyone other than the Purchasing Agent or his/her representative. Bidders that submit questions verbally or in writing to any other State entity or State personnel shall be found in violation of this part and may be found non-compliant.

4.2. Questions shall be submitted by email to Lincoln Adams at [Lincoln.J.Adams@DAS.NH.Gov](mailto:Lincoln.J.Adams@DAS.NH.Gov).

4.3. Submissions shall clearly identify the bid Number, the Vendor's name and address and the name of the person submitting the question.

**5. BID DUE DATE:**

5.1. All bid submissions shall be received at the Bureau of Purchase and Property no later than the date and time shown on the transmittal letter of this bid. Submissions received after the date and time specified shall be marked as "Late" and shall not be considered in the evaluation process.

5.2. All bid submissions shall be treated as firm offers to remain valid for acceptance for a period of one hundred eighty (180) days from the bid due date. The transmittal of a vendor's response or bid submission to any State agency or office other than the Department of Administrative Services (DAS), Bureau of Purchase and Property may be grounds for disqualification.


**6. ADDENDA:**

6.1. In the event it becomes necessary to add to or revise any part of this bid prior to the scheduled submittal date, the NH Bureau of Purchase and Property shall post on our web site any Addenda. Before your submission and periodically prior to the RFB closing, check the site for any addenda or other materials that may have been issued affecting the bid. The web site address is <https://das.nh.gov/Purchasing/vendorresources.aspx>.

**7. TIMELINE:**

7.1. The timeline below is provided as a general guideline and is subject to change. Unless stated otherwise, consider the dates below a "no later than" date.

Bid Solicitation distributed on or by:	3/19/2026
Last day for questions, clarifications, and/or requested changes to bid:	3/30/2026
States response to questions, clarifications, and/or requested changes to bid:	3/31/2026
Bid Closing (Eastern Time):	4/2/2026 11:00 AM

Bidder Initials   
Date: 3/24/26

**8. GOVERNING TERMS AND CONDITIONS:**

- 8.1. A responding bid that has been completed and signed by your representative shall constitute your company's acceptance of all State of New Hampshire terms and conditions and shall legally obligate your company to these terms and conditions.
- 8.2. A signed response further signifies that from the time the bid is published (bid solicitation date and time) until a contract is awarded, no bidder shall offer or give, directly or indirectly, any gift, expense reimbursement, or honorarium, as defined by RSA 15-B, to any elected official, public official, public employee, constitutional official, or family member of any such official or employee who shall select, evaluate, or award the RFB.
- 8.3. Furthermore, a signed response signifies that any terms and/or conditions that may be or have been submitted by the Vendor are specifically null and void and are not a part of this bid invitation or any awarded purchase order, even if said terms and/or conditions contain language to the contrary.
- 8.4. CHAPTER ADM 600 PROCUREMENT AND PROPERTY RULES APPLY TO AND ARE MADE A PART HEREOF.

**9. NON-EXCLUSIVE CONTRACT:**

- 9.1. Any resulting Contract from this RFB will be a non-exclusive Contract. The State reserves the right, at its discretion, to retain other Contractors to provide any of the Services or Deliverables identified under this procurement or make an award by item, part or portion of an item, group of items, or total Proposal.

**10. PUBLIC DISCLOSURE OF BID OR PROPOSAL SUBMISSIONS:**

- 10.1. Generally, the full contents of any proposal (including all materials submitted in connection with it, such as attachments, exhibits, addenda, and vendor presentations) become public information upon completion of final contract or purchase order negotiations with the selected vendor. Certain information concerning proposals, including but not limited to scoring, is generally available to the public even before this time, in accordance with the provisions of NH RSA 21-G:37.
- 10.2. Confidential, commercial, or financial information may be exempt from public disclosure under RSA 91-A:5, IV. Any and all information contained in or connected to a bid or proposal that a Bidder considers confidential shall be clearly designated in the following manner:
- 10.3. **If the Bidder considers any portion of a submission confidential, they shall provide a separate copy of the full and complete document, fully redacting those portions by blacking them out and shall note on the applicable page or pages of the document that the redacted portion or portions are stamped or otherwise marked with the notation "confidential."** Use of any other term or method, such as stating that a document or portion thereof is "proprietary", "not for public use", or "for client's use only", is *not* acceptable. In addition to providing an additional fully redacted copy of the bid submission to the person listed as the point of contact on Page one (1) of this document, the identified information considered to be confidential must be accompanied by a separate letter stating the rationale for each item designated as confidential. In other words, the letter must specifically state why and under what legal authority each redaction has been made. Submissions which do not conform to these instructions by failing to include a redacted copy (if required), by failing to include a letter specifying the rationale for each redaction, by failing to designate redactions in the manner required by these instructions, or by including redactions which are contrary to these instructions or operative law may be rejected by the State as not conforming to the requirements of the bid or proposal. Marking or designating an entire proposal, attachment, or section as confidential shall neither be accepted nor honored by the State. Marking an entire bid, proposal, attachment or full sections thereof confidential without taking into consideration the public's right to know shall neither be accepted nor honored by the State.
- 10.4. Notwithstanding any provision of this request for submission to the contrary, proposed pricing shall be subject to public disclosure REGARDLESS of whether or not marked as confidential.
- 10.5. If a request is made to the State by any person or entity to view or receive copies of any portion of a proposal, the State will assess what information it believes is subject to release; notify the Bidder that the request has been made; indicate what, if any, portions of the proposal or related material shall be released; and notify the Bidder of the date it plans to release the materials. To halt the release of information by the State, a Bidder must initiate and provide to the State, prior to the date specified in the notice, a court action in the Superior Court of the State of New Hampshire, at its sole expense, seeking to enjoin the release of the requested information.
- 10.6. By submitting a proposal, Bidders acknowledge and agree that:

- 10.6.1. The State may disclose any and all portions of the proposal or related materials which are not marked as confidential and/or which have not been specifically explained in the letter to the person identified as the point of contact for this RFB;
- 10.6.2. The State is not obligated to comply with a Bidder's designations regarding confidentiality and must conduct an independent analysis to assess the confidentiality of the information submitted in your proposal; and
- 10.6.3. The State may, unless otherwise prohibited by court order, release the information on the date specified in the notice described above without any liability to a Bidder.

#### **11. VENDOR CERTIFICATIONS:**

- 11.1. All Vendors shall be duly registered as a vendor authorized to conduct business in the State of New Hampshire.
- 11.2. STATE OF NEW HAMPSHIRE VENDOR APPLICATION: Prior to bid award, Vendors shall have a completed Vendor Application Package on file with the NH Bureau of Purchase and Property. See the following website for information on obtaining and filing the required forms (no fee):  
<https://das.nh.gov/purchasing/vendorresources.aspx>.

#### **12. VENDOR RESPONSIBILITY:**

- 12.1. The successful Vendor shall be solely responsible for meeting all terms and conditions specified in the bid, and any resulting contract. It is a prospective Vendor's responsibility to access our website to determine any bid invitation under which they wish to participate. It is also the Vendor(s)'s responsibility to access our website for any posted addendum.
- 12.2. All State of New Hampshire bid invitations and addenda to these bid invitations are advertised on our website at: <https://das.nh.gov/purchasing/vendorresources.aspx>.
- 12.3. The website is updated several times per day; it is the responsibility of the prospective Vendor(s) to access the website frequently to ensure no bidding opportunity or addenda is overlooked.
- 12.4. It is the prospective Vendor's responsibility to forward a signed copy (if the form has a signature block) of any addenda to the Bureau of Purchase and Property with the bid response.
- 12.5. In preparation of your bid response, you shall:
  - 12.5.1. Complete the pricing information in the "Offer" section; and
  - 12.5.2. You may include quote separately, but the **OFFER SECTION MUST** be completed for compliant acceptance.
  - 12.5.3. Complete all other required information on your offer (if applicable); and
  - 12.5.4. Complete the "Vendor Contact Information" section; and
  - 12.5.5. Complete the company information on the "Transmittal Letter" page, and sign under penalty of unsworn falsification in the space provided on that page.

#### **13. WARRANTY REQUIREMENTS:**

- 13.1. Successful Vendor shall be required to warranty all of the equipment/item awarded to Vendor for a period of not less than one (1) year or the manufacturer's standard period of time, whichever is greater, from the date the items are received, inspected and accepted by the State of New Hampshire. The warranty shall cover 100% of all parts, shipping, labor, travel, lodging and expenses.

#### **14. BID PRICES:**

- 14.1. Bid prices shall remain firm for the entire contract period and shall be in US dollars and **shall include delivery and all other costs** required by this bid invitation. Special charges, surcharges (including credit card transaction fees), or fuel charges of any kind (by whatever name) **may not be added on at any time**. Any and all charges **shall be built into your bid price** at the time of the bid. Unless otherwise specified, prices shall be F.O.B. DESTINATION, (included in the price bid), which means delivered to a state agency's receiving dock or other designated point as specified in this contract or subsequent purchase orders without additional charge. Shipments shall be made in order to arrive at the destination at a satisfactory time for unloading during receiving hours.
- 14.2. Per Administrative Rule 606.01(e) "if there is a discrepancy between the unit price and the extension price in a response to an RFP, RFB or RFQ, the unit price shall be binding upon the vendor".
- 14.3. Price decreases shall become effective immediately as they become effective to the general trade or the Vendor's best/preferred customer.

**15. AUDITS AND ACCOUNTING:**

15.1. The successful Vendor shall allow representatives of the State of New Hampshire to have complete access to all records for the purpose of determining compliance with the terms and conditions of this bid invitation and in determining the award and for monitoring any resulting contract.

**16. TERMS OF PAYMENT:**

16.1. Payment shall not be due until 30 days after the invoice has been received at the agency business office or all items have been delivered, inspected, and accepted by the agency, whichever is later.

16.2. Payments shall be made via ACH unless otherwise specified by the State of New Hampshire. Use the following link to enroll with the State Treasury for ACH payments: <https://www.nh.gov/treasury/state-vendors/index.htm>.

**17. INVOICING:**

17.1. Itemized invoices shall be submitted to [DOT.TurnpikesAP@dot.nh.gov](mailto:DOT.TurnpikesAP@dot.nh.gov) after delivery of the products and include the following at a minimum:

17.1.1. State of NH purchase order (PO) number

17.1.2. State of NH contract number if applicable

17.1.3. State of NH ordering agency information

17.1.3.1. Name and contact information of ordering individual

17.1.3.2. Name of ordering state agency / department

17.1.3.3. Address of ordering state agency / department

17.1.3.4. Name and contact information of ordering state agency accounts payable office

17.1.4. Date of purchase

17.1.5. Date of delivery

17.1.6. Vendor order number

17.1.7. Vendor account representative name and contact information

17.1.8. Product description, quantity ordered, quantity delivered, unit price, total price for payment

17.2. Payment shall not be due until 30 days after the invoice has been received at the agency business office or all items have been delivered, inspected, and accepted by the agency, whichever is later.

**18. AWARD:**

18.1. The award shall be made to one Vendor meeting the criteria established in this RFB and providing the lowest cost in total. You must bid on all items to be considered. The State reserves the right to reject any or all bids or any part thereof and add/delete items/locations to the contract. The award shall be, in the form of a State of New Hampshire Contract in the form of a purchase order.

18.2. Successful Vendor shall not be allowed to require any other type of purchase order, nor shall the successful Vendor be allowed to require the filling out or signing of any other document by State of NH personnel.

**19. BID RESULTS:**

19.1. Bid results may be viewed when available, once the award has been made, on our web site only at: <https://apps.das.nh.gov/bidscontracts/bids.aspx>.

19.2. For Vendors wishing to attend the bid closing: Names of the Vendors submitting responses and pricing shall be made public to the above website. In lieu of in person public bid openings the State shall conduct openings via electronic means until further notice.

**20. TERMINATION:**

20.1. The State of New Hampshire shall have the right to terminate the purchase contract at any time by giving the successful Vendor a thirty (30) day written notice.

**21. F.O.B.:**

21.1. The F.O.B. shall be destination to the following delivery point (included in the price bid), which means delivered to a state agency's receiving dock or other designated point as specified in this bid or subsequent purchase orders without additional charge:

**Department of Transportation Bureau of Mechanical Services  
33 Smokey Bear Blvd , Concord, NH 03301**

**Please contact Ben Gelinas 48 hours prior to any delivery  
Ben Gelinas, 603-271-1665 [benjamin.r.gelinas@dot.nh.gov](mailto:benjamin.r.gelinas@dot.nh.gov)**

**FOR QUESTIONS PERTAINING TO THIS BID PLEASE SEE PARAGRAPH 4**

21.2. Requisition No.: 256096

**22. RETURNED GOODS:**

- 22.1. The successful Vendor shall resolve all order and invoice discrepancies within five business days from notification. Products returned due to quality issues, duplicate shipments, over-shipments, etc. shall be picked up by the successful Vendor within ten business days of notification with no restocking or freight charges and shall be replaced with specified products or the agency shall be refunded/credited for the full purchase price. Unauthorized substitutions for any products are not allowed.
- 22.2. The signature of state personnel on shipping documents shall signify the receipt but not the acceptance of the shipment signed for.

**23. SPECIFICATION COMPLIANCE:**

- 23.1. Vendor's offer shall meet or exceed the required specifications as written. The State of New Hampshire shall be the sole determining factor of what meets or exceeds the required specifications.
- 23.2. Unless otherwise specified by the Bureau of Purchase and Property in this bid invitation document, all equipment/items offered by the Vendor **shall be new** (and of the current model year, if applicable); shall not be used, rebuilt, refurbished; shall not have been used as demonstration equipment, and shall not have been placed anywhere for evaluation purposes.
- 23.3. The manufacturer(s) and/or model(s) indicated in this bid are **equivalent** to the type and quality required. **You may bid different make(s) and model(s)**; however, your offer shall **match or exceed** the one(s) indicated and you shall demonstrate to the satisfaction of the purchasing Agency that they meet or exceed the minimum standards. Items that do not meet the minimum standards shall not be accepted. **Product literature and specifications MUST be enclosed.**

**24. SPECIFICATIONS:**

- 24.1. In responding to the bid invitation, the prospective Vendor shall address all requirements for information as outlined herein.
- 24.2. **SPECIFICATIONS: Please see Attachment 1 Specifications.**
- 24.3. Vendors shall provide material safety data sheets with the delivery of any and all products covered by RSA 277-A, the "Worker's Right to Know Act."

**25. ENVIRONMENTALLY FRIENDLY PRODUCTS:**

- 25.1. In accordance with State of New Hampshire RSA 9-C, the Bureau of Purchase and Property has an obligation to put into practice the interdependent principles of waste reduction, recycling, and recycled products purchasing. Contractors should supply environmentally preferable materials that meet performance requirements wherever practical in the fulfillment of this regulation. Environmentally preferable products and services have characteristics that include, but are not limited to, the following:
- 25.1.1. Energy or water efficient
  - 25.1.2. Reusable
  - 25.1.3. Recyclable
  - 25.1.4. Contains postconsumer recycled materials
  - 25.1.5. Produces fewer polluting byproducts or safety hazards during manufacture, use, or disposal
  - 25.1.6. Certified by an independent, third-party eco-label (e.g., Green Seal, EcoLogo, etc.)
- 25.2. Suppliers citing environmentally preferred product claims shall follow the Federal Trade Commission's Green Marketing Guidelines and provide proper certification or detailed information on environmental benefits, durability, and recyclable properties as an **attachment with their bid submission.**
- 25.3. Whenever possible, Contractors shall eliminate PVC or polystyrene due to environmental and human health concerns. Contractors must notify the State if a product contains mercury and/or PFAS.
- 25.4. To promote fuel efficiency and reduce greenhouse gases and air pollution, Contractors are encouraged to use a SmartWay Transport/Carrier Partner for the shipment or transport of products. A list of SmartWay Transport partners can be found here: <https://www.epa.gov/smartway/smartway-partner-list>.

**26. OFFER:**

26.1. The bidder offers to sell to the state of New Hampshire the commodities or services indicated at the price or prices quoted and in compliance with the requirements and specifications of the bid. **Quotes in lieu of a completed offer sheet will not be accepted.**

26.2.

QTY	UNIT	DESCRIPTION	TOTAL COST
1	EA	Rear Mounted 55 Ft Aerial Device Per specifications to include Transport of vehicle cab and chassis from and to DOT Bureau of Mechanical Service to vendor site and all other costs.	\$ 324,674.00

26.1. Please provide the MFG/MAKE/MODEL: (Product literature and specifications MUST be enclosed)  
Literature enclosed is for standard Elliott Equipment

**27. DELIVERY TIME:**

27.1. Successful Vendor agrees to complete delivery of items ~~within 180 days~~ **330-360 days** after receipt of Purchase Order or sooner to location noted on paragraph 21 FOB. Prices offered shall include all products and delivery costs.

**28. ATTACHMENTS:**

28.1. The following attachments are an integral part of this bid invitation:

28.1.1. Attachment 1: Specifications

**29. VENDOR CONTACT INFORMATION:**

29.1. Please provide contact information below for a person knowledgeable of and who can answer questions regarding this bid response.

<u>Dave Dube</u>	<u>603 889 4071</u>	<u>800 258 1010</u>
Contact Person	Local Telephone Number	Toll Free Telephone Number
<u>daved@cuesequip.com</u>	<u>www.cuesequip.com</u>	
E-mail Address	Company Website	
<u>CUES Inc</u>	<u>14 Caldwell Drive Amherst NH 03031</u>	
Vendor Company Name	Vendor Address	
<u>163127</u>	<u>048728356</u>	
Vendor Number (provided by State of NH)	DUNS and/or SAM.GOV Number	

**30. NOTE: TO BE CONSIDERED, BID TRANSMITTAL LETTER SHALL BE SIGNED IN THE SPACE PROVIDED.**

**31. THE BID OPENING IS OPEN TO THE PUBLIC ONLINE AT THE FOLLOWING:**

**Microsoft Teams meeting**

Join: <https://teams.microsoft.com/meet/24605665530772?p=CxI58YlxAij7GV3AnZ>

Meeting ID: 246 056 655 307 72

Passcode: dQ9Te9Fj

[Need help?](#) | [System reference](#)

**Dial in by phone**

+1 603-931-4944,,270631525# United States, Concord

[Find a local number](#)

Phone conference ID: 270 631 525#


**Join on a video conferencing device**

Tenant key: nhgov@m.webex.com

Video ID: 114 444 060 6

[More info](#)

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Bidder Initials:   
 Date: 3/24/26



STATE OF NEW HAMPSHIRE TRANSMITTAL LETTER

State of New Hampshire
Division of Procurement and Support Services
Bureau of Purchase and Property
25 Capitol Street, Room 102, State House Annex
Concord, NH 03301-6398

Date: 3/19/2026
Bid No.: 116-26
Date of Bid Closing: 4/2/2026
Time of Bid Closing: 11:00 AM (ET)

PLEASE EMAIL ANY QUESTIONS REGARDING THIS BID TO LINCOLN ADAMS AT LINCOLN.J.ADAMS@DAS.NH.GOV.
EMAIL YOUR BID TO: NH.PURCHASING@DAS.NH.GOV.

BID INVITATION FOR HEAVY DUTY PLATFORM BODY AND AERIAL DEVICE WITH DIGGER

[Insert name of signor] Dave Dube, on behalf of CUES Inc [insert name of entity
submitting bid (collectively referred to as "Vendor") hereby submits an offer as contained in the written bid submitted herewith ("Bid") to the State
of New Hampshire in response to BID 116-26 at the price(s) quoted herein in complete accordance with the bid.

Vendor attests to the fact that:

- 1. The Vendor has reviewed and agreed to be bound by the Bid.
2. The Vendor has not altered any of the language or other provisions contained in the Bid document.
3. The Bid is effective for a period of 180 days from the Bid Closing date as indicated above.
4. The prices Vendor has quoted in the Bid were established without collusion with other vendors.
5. The Vendor has read and fully understands this Bid.
6. Further, in accordance with RSA 21-I:11-c, the undersigned Vendor certifies that neither the Vendor nor any of its subsidiaries, affiliates or
principal officers (principal officers refers to individuals with management responsibility for the entity or association):
a. Has, within the past 2 years, been convicted of, or pleaded guilty to, a violation of RSA 356:2, RSA 356:4, or any state or federal law or
county or municipal ordinance prohibiting specified bidding practices, or involving antitrust violations, which has not been annulled;
b. Has been prohibited, either permanently or temporarily, from participating in any public works project pursuant to RSA 638:20;
c. Has previously provided false, deceptive, or fraudulent information on a vendor code number application form, or any other document
submitted to the state of New Hampshire, which information was not corrected as of the time of the filing a bid, proposal, or quotation;
d. Is currently debarred from performing work on any project of the federal government or the government of any state;
e. Has, within the past 2 years, failed to cure a default on any contract with the federal government or the government of any state;
f. Is presently subject to any order of the department of labor, the department of employment security, or any other state department, agency,
board, or commission, finding that the applicant is not in compliance with the requirements of the laws or rules that the department, agency,
board, or commission is charged with implementing;
g. Is presently subject to any sanction or penalty finally issued by the department of labor, the department of employment security, or any
other state department, agency, board, or commission, which sanction or penalty has not been fully discharged or fulfilled;
h. Is currently serving a sentence or is subject to a continuing or unfulfilled penalty for any crime or violation noted in this section;
i. Has failed or neglected to advise the division of any conviction, plea of guilty, or finding relative to any crime or violation noted in this
section, or of any debarment, within 30 days of such conviction, plea, finding, or debarment; or
j. Has been placed on the debarred parties list described in RSA 21-I:11-c within the past year.

This document shall be signed by a person who is authorized to legally obligate the responding vendor. A signature on this document indicates that
all State of New Hampshire terms and conditions are accepted by the responding vendor and that any and all other terms and conditions submitted by
the responding vendor are null and void, even if such terms and conditions have terminology to the contrary. The responding vendor shall also be
subject to State of New Hampshire terms and conditions as stated on the reverse of the purchase order.

Authorized Signor's Signature [Signature] Authorized Signor's Title President

Bidder Initials: [Signature]
Date: 3/24/26

## GENERAL TERMS AND CONDITIONS

**NATURE OF, AND ELIGIBILITY TO RESPOND.** This bid invitation is submitted in accordance with Chapter 21-1, and rules promulgated thereunder, and constitutes a firm and binding offer. A bid may not be withdrawn unless permission is obtained from the Bureau of Purchase and Property.

Bids may be issued only by the Bureau of Purchase and Property and are not transferable.

**SAMPLES AND DEMONSTRATIONS.** When samples are required they must be submitted free of costs and will not be returned. Items left for demonstration or evaluation purposes shall be delivered and installed free of charge and shall be removed at no cost to the State. Demonstration units shall not be offered to the State as new equipment.

**BIDS.** Bids must be received at the Bureau of Purchase and Property before the date and time specified for the closing. Bids must be submitted on this bid form or exact copies and must be typed or clearly printed in ink. Corrections must be initialed. Bids are to be made less Federal Excise Tax and no charge for handling unless required by law.

**SPECIFICATIONS.** Vendors must submit on items as specified. Proposed changes must be submitted in writing and received at the Bureau of Purchase and Property at least five (5) business days prior to the bid closing. Vendors shall be notified in writing if any changes to the specifications are made.

**AWARD.** The award will be made to the responsible Vendor submitting a conforming bid meeting specifications at the lowest cost unless other criteria are noted in the bid. Unless otherwise noted, the award may be made by individual items.

If there is a discrepancy between the unit price and the extension, the unit price will prevail.

When identical low bids are received the award will be made in accordance with the Administrative Rules.

Discounts will not be considered in making award but may be offered on the Invoice for earlier payment and will be applicable on the date of completion of delivery or receipt of Invoice, whichever is later. On orders specifying split deliveries, discounts will apply on the basis of each delivery or receipt of Invoice, whichever is later.

**PATENT INFRINGEMENT.** Any responding vendor who has reason to believe that any other responding vendor will violate a patent should such responding vendor be awarded the contract shall set forth in writing, prior to the date and time of closing, the grounds for his belief and a detailed description of the patent.

**ASSIGNMENT PROVISION.** The responding vendor hereby agrees to assign all causes of action that it may acquire under the antitrust laws of New Hampshire and the United States as the result of conspiracies, combinations, or contracts in restraint of trade which materially affect the price of goods or services obtained by the state under this contract if so requested by the State of New Hampshire.

**FEDERAL FUNDS.** This Division of Plant and Property Management, under RSA 21- I:14, VIII shall assure the continuation or granting of federal funds or other assistance not otherwise provided for by law by following the Federal Procurement Standards.

**STATE'S OPTIONS:** The Bureau of Purchase and Property reserves the right to reject or accept all or any part of any bid, to determine what constitutes a conforming bid, to award the bid solely as it deems to be in the best interest of the State, and to waive irregularities that it considers not material to the bid.

**PUBLIC INFORMATION:** The responding vendor hereby acknowledges that all information relating to this bid and any resulting order (Including but not limited to fees, contracts, agreements and prices) are subject to these laws of the State of New Hampshire regarding public information.

**PERSONAL LIABILITY:** The responding vendor agrees that in the preparation of this bid or the execution of any resulting contract or order, representatives of the State of New Hampshire shall incur no liability of any kind.

**PROOF OF COMPLIANCE.** The responding vendor may be required to supply proof of compliance with proposal specifications. When requested, the responding vendor must immediately supply the Bureau of Purchase and Property with certified test results or certificates of compliance. Where none are available, the State may require independent laboratory testing. All costs for such testing certified test results or certificate of compliance shall be the responsibility of the responding vendor.

**FORM OF CONTRACT.** The terms and conditions set forth in any additional Terms and Conditions by the Bureau of Purchase and Property are part of the bid and will apply to any contract awarded the responding vendor unless specific exceptions are taken and accepted and will prevail over any contrary provisions in Terms and Conditions submitted by the responding vendor.

## CONTRACT TERMS AND CONDITIONS

1. The State of New Hampshire, acting through the Division of Procurement and Support Services, engages the firm or individual ("the Vendor") to perform the services and/or sale of goods, described in the attached State documents, if any, and the Vendor's bid or quotation, both of which are incorporated herein by reference.

2. **COMPLIANCE BY VENDOR WITH LAWS AND REGULATIONS.** In connection with the performance of this agreement, the Vendor shall comply with all statutes, laws, regulations, and orders of federal, state, county or municipal authorities which shall impose any obligation or duty upon the Vendor, including, but not limited to civil rights and equal opportunity laws.

3. **TERM.** The contract, and all obligations of the parties thereunder, shall become effective on a specified date and shall be completed in their entirety prior to a specified date. Any work undertaken by the Vendor prior to the effective date shall be at his sole risk and, in the event that the contract shall not become effective, the State shall be under no obligation to reimburse the Vendor for any such work.

4. **CONTRACT PRICE.** The contract price, a payment schedule and a maximum limitation of price shall be as specified by the bid invitation and the Vendor's bid. All payments shall be conditioned upon receipt, and approval by the State, of appropriate vouchers and upon satisfactory performance by the Vendor, as determined by the State. The payment by the State of the Contract Price shall constitute complete reimbursement to the Vendor for all expenses of any nature incurred by the Vendor in the performance by the Vendor and complete payment for the Services. The State shall have no other liability to the Vendor.

5. **DELIVERY.** If the vendor fails to furnish items and/or services in accordance with all requirements, including delivery, the state may re-purchase similar items from any other source without competitive bidding, and the original vendor may be liable to the state for any excess costs. If a vendor is unable to complete delivery by the date specified, he must contact the using agency. However, the agency is not required to accept a delay to the original delivery date. All deliveries are subject to inspection and receiving procedure rules as established by the State of New Hampshire. Deliveries are not considered accepted until compliance with these rules has been established. State personnel signatures on shipping documents shall signify only the receipt of shipments. All deliveries shall be FOB Destination.

6. **INVOICING.** All invoices must list Order Number, Unit and Extension Prices and discounts allowed. A separate invoice shall be submitted for each order. Unless otherwise noted on the invitation to bid or purchase order, payment will not be due until thirty (30) days after all services have been completed, or all items have been delivered, inspected and accepted or the invoice has been received at the agency business office, whichever is later.

### 7. PERSONNEL.

7.1. The Vendor shall disclose in writing the names of all owners (5% or more), directors, officers, employees, agents or subcontractors who are also officials or employees of the State of New Hampshire. Any change in this information shall be reported in writing within fifteen (15) days of their occurrence.

7.2. The person signing this agreement on behalf of the State, or his or her delegee ("Contracting Officer") shall be the State's representative for purposes of this agreement. In the event of any dispute concerning the interpretation of this agreement, the Contracting Officer's decision shall be final.

### 8. EVENT OF DEFAULT; REMEDIES.

8.1. Any one or more of the following acts or omissions of the Vendor shall constitute an event of default hereunder ("Events of Default"):

8.1.1. failure to deliver the goods or services satisfactorily or on schedule; or

8.1.2. failure to submit any report required hereunder; or

8.1.3. failure to perform any of the other covenants and conditions of this agreement.

8.2. Upon the occurrence of any Event of Default, the State may take any one, or more, or all, of the following actions:

8.2.1. give the Vendor a written notice specifying the Event of Default and requiring it to be remedied within, in the absence of a greater or lesser specification of time, thirty (30) days from the date of the notice; and if the Event of Default is not timely remedied, terminate this agreement, effective two (2) days after giving the Vendor notice of termination; and

8.2.2. give the Vendor a written notice specifying the Event of Default and suspending all payments to be made under this agreement and ordering that the portion of the Contract Price, which would otherwise accrue to the Vendor during the period from the date of such notice until such time as the State determines that the Vendor has cured the Event of Default, shall never be paid to the Vendor; and

8.2.3. set off against any other obligation the State may owe to the Vendor any damages the State suffers by reason of any Event of Default; and

8.2.4. treat the agreement as breached and pursue any of its remedies at law or in equity, or both.

9. **WAIVER OF BREACH.** No failure by the State to enforce any provisions hereof after any Event of Default shall be deemed a waiver of its rights with regard to that Event, or any subsequent Event. No express failure of any Event of Default shall be deemed a waiver of any provision hereof. No such failure or waiver shall be deemed a waiver of the right of the State to enforce each and all of the provisions hereof upon any further or other default on the part of the Vendor.

10. **VENDOR'S RELATION TO THE STATE.** In the performance of this agreement the Vendor is in all respects an independent contractor, and is neither an agent nor an employee of the State. Neither the Vendor nor any of its officers, employees, agents or members shall have authority to bind the State nor are they entitled to any of the benefits, workmen's compensation or emoluments provided by the State to its employees.

11. **ASSIGNMENT AND SUBCONTRACTS.** The Vendor shall not assign, or otherwise transfer any interest in this agreement without the prior

written consent of the State. No work required by this contract shall be subcontracted without the prior written consent of the State.

**12. INDEMNIFICATION.** The contractor shall defend, indemnify and hold harmless the State, its officers and employees, from and against any and all losses suffered by the State, its officers and employees, and any and all claims, liabilities or penalties asserted against the State, its officers and employees, by or on behalf of any person, on account of, based on, resulting from, arising out of (or which may be claimed to arise out of) the acts or omissions of the Vendor. Notwithstanding the foregoing, nothing herein contained shall be deemed to constitute a waiver of the sovereign immunity of the State, which immunity is hereby reserved to the State. This covenant shall survive the termination of this agreement.

**12.1 PATENT PROTECTION.** The seller agrees to indemnify and defend the State of New Hampshire from all claims and losses resulting from alleged and actual patent infringements and further agrees to hold the State of New Hampshire harmless from any liability arising under RSA 382-A:2-312(3). (Uniform Commercial Code).

**13. TOXIC SUBSTANCES.** In compliance with RSA 277-A Toxic Substances in the Workplace known as the Workers Right to Know Act, the vendor shall provide Safety Data Sheets (277-A:4 Safety Data Sheets) for all products covered by said law.

**14. NOTICE.** Any notice by a party hereto to the other party shall be deemed to have been duly delivered or given at the time of mailing by certified mail, postage prepaid, in a United States Post Office addressed to the parties at the addresses given below.

**15. AMENDMENT.** This agreement may be amended, waived or discharged only by an instrument in writing signed by the parties hereto.

**16. CONSTRUCTION OF AGREEMENT AND TERMS.** This agreement shall be construed in accordance with the laws of the State of New Hampshire, and is binding upon and inures to the benefit of the parties and their respective successors and assigns.

**17. ADDITIONAL PROVISIONS.** The additional provisions (if any) have been set forth as Exhibit "A" hereto.

**18. ENTIRE AGREEMENT.** This agreement, which may be executed in a number of counterparts, each of which shall be deemed an original, constitutes the entire agreement and understanding between the parties, and supersedes all prior agreements and understandings relating hereto.

# Notations/Clarifications Bid 116-26

3/24/26

## X. Hydraulic System

3. Chelse PTO model subject to current model number of PTO and transmission

## XIII. Body

6. All tool boxes to be supplied and installed by the State of NH and are not included in this bid package

## XIX. Truck/Chassis

The complete chassis specifications to be submitted to Elliott Equipment Engineering for review prior to transportation to Omaha

Transportation of the chassis to and from Elliott Equipment in Omaha NE will be the responsibility of CUES Inc. The chassis will be driven and will accumulate approximately 1500 miles each way.

Delivery:

Delivery would be 330-360 days after receipt of order based on current calculations

(Specs.)

## REAR MOUNT 55 FOOT AERIAL DEVICE WITH DIGGER

**GENERAL:** This specification covers the State of New Hampshire's requirements for a Heavy Duty platform body and telescopic Aerial Lift. Body and lift shall be mounted by successful bidder on a cab & chassis provided by the State. The truck shall be picked up at Mechanical Services by the successful bidder for installation of the lift and body. All cost of transportation to and from the Bureau of Mechanical Services, 33 Smokey Bear Boulevard shall be borne by the vendor.

### I. CONFIGURATION

#### A. UNIT

- B.**
1. Boom shall consist of three sections with two sections telescoped hydraulically.
  2. The boom shall attain an arc travel no less than 80 degrees above horizontal to 18 degrees below horizontal to 98 degrees total.
  3. All sharp edges on the unit and the boom(s) shall be rounded for safety.

#### C. PLATFORM

1. Aerial device shall be provided with one removable rotating platform manufactured of steel.
2. Platform shall be attached to the leveling frame with a self-guided self-latching detachable mount.
3. In addition to a self-latching pin mechanism, the detachable mount shall have a safety lock pin.
4. The platform detachable mount shall be hinged to the leveling frame utilizing flanged bearings.
5. Platform shall include a hydraulic cylinder rotator capable of allowing the operator to move the platform horizontally through an arc of no less than 45 degrees right and 45 degrees left of normal position.
6. Platform shall be rectangular in shape.
7. Platform dimensions shall be 40" inches x 60" inches.
8. Platform rails shall be 40" inches in height.
9. Platform shall be built per ANSI A92.2
10. Platform shall be equipped with safety chain on opening.
11. The platform shall be equipped with two safety lanyard attachments.

#### D. BOOM CONSTRUCTION

1. The boom shall be constructed of high-strength steel rectangular tube section with 80,000-PSI min.
2. The boom assembly shall include heavy-duty cylinder fittings; heavy pivot pins and replaceable, ultra-high molecular weight polyethylene wear plates.
3. The boom shall be equipped with a steel cable carrier mounted external to the boom.
4. The cable carrier shall have a cover.

#### E. CAPACITY

1. The rated capacity of the platform shall not be less than 500 pounds in any boom position.

#### F. LIFT

1. Lift shall be accomplished with one 7" I.D. double acting, 62" stroke cylinder.
2. Lift cylinder shall come equipped with a holding valve to prevent the boom from falling in the event of hose failure.

#### G. EXTENSION

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1. Extension of the smaller two section booms shall be accomplished using two opposing 'piggyback' double acting 3" I.D. cylinders, 2" diameter (no cables).
2. The cylinder shall be pinned in place and equipped with holding valves for both in and out.

## **II. PERFORMANCE**

- A. Attainable height of the unit as measured from ground level to the bottom of the platform shall not be less than 50' feet.
- B. The maximum attainable horizontal reach of the unit as measured from the centerline of rotation to the centerline of the platform shall not be less than 42' feet.

## **III. MOUNTING**

- A. Aerial turret box shall be sub frame mounted to the chassis of the carrying vehicle by bolting. If sill strips are used they must be made of steel. Wood or other organic materials are not acceptable.
- B. Aerial unit turret shall be located at the rear of the carrying vehicle so that the platform will stow at the front of the vehicle.
- C. Any overhang of the stowed aerial device in relationship with the front of the vehicle shall not exceed three feet.
- D. Any overhang of the stowed aerial device in relationship with the front of the vehicle shall not exceed a 13' foot 6" inch travel height (as measured from the highest point of the unit to ground level). This is attainable assuming the truck frame is 42".
- E. Torque frame from main to rear outriggers shall be a box structure 11" H X 34-1/2" W.

## **IV. BOOM STORAGE**

1. The vehicle shall be provided with a permanently installed boom rest behind the Truck cab that is structurally mounted to the forward outriggers or Truck frame.
2. The boom rest shall be of adequate design as to withstand stow loads from the unit and withstand 500 pounds applied in any direction without deformation.

## **V. TURRET & TURRET BEARING**

1. The Turret shall be a one-piece weldment with reverse offset design.
2. The Turret shall rotate on a ball bearing.

## **IV. ROTATION**

1. Unit shall provide continuous Turret rotation with no stops.
2. A hydraulic motor, driving the Turret through a self-locking worm gearbox (no brake) shall accomplish rotation. The gearbox is mounted on Turret above rotation.
3. The rotation system shall be capable of rotating the maximum rated load capacity of the unit at the maximum attainable horizontal distance away from the pedestal upwards on a five-degree incline.

## **VII. LEVELING**

1. The platform shall be maintained in a level position relative to the chassis frame in all operation positions of the unit by a closed hydraulic system comprised of twin 2-1/2" platform cylinders interacting with a boom-actuated 4" master cylinder mounted in the boom support Turret.
2. The leveling system shall be provided with factory-set relief valves to compensate for oil expansion or overload during platform leveling operation.
3. The leveling valve shall be provided in the boom control bank.
4. The leveling system shall be permanently connected to the boom valve bank and be capable of being remotely re-leveled with an electrical switch in the platform.

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## VIII. STABILITY

1. Completed unit shall be stability tested prior to delivery and shall be in conformance with ANSI A92.2

## IX. EMERGENCY LOWERING

1. Unit shall be provided with a twelve-volt emergency lowering system
2. Switches shall be located at both the lower and upper controls.

## X. HYDRAULIC SYSTEM

1. The hydraulic system shall be of open center design with 2,500-psi minimum design pressure.
2. The hydraulic pump(s) shall be a gear type 18 and 25 GPM at 1,200 engine RPM.
3. The hydraulic pump(s) shall be driven by a air-shift **Chelsea 280 model PTO** shall be Chelsea wet spline **#280GCFJW-B5RF** TO INCLUDE HOSE KIT **#329130-1** mounted to the transmission.
4. The PTO shall include an indicator/warning light on the dash.
5. The hydraulic pump(s) shall be flange mounted to the PTO by means of an S.A.E. type flange mount.
6. The load bearing ends of all hydraulic cylinders shall be equipped with check or counter balance valves capable of hydraulically locking the cylinder and preventing movement of the cylinder in the event of loss of hydraulic power or line failure.
7. Hydraulic oil reservoir shall be properly labeled near the filler opening.
8. Hydraulic oil reservoir shall be mounted to the side of the sub frame below the bed with a capacity of 70 gallons.
9. Hydraulic oil reservoir filler opening shall be of such design as to prevent oil from splashing out of the reservoir.
10. Hydraulic oil reservoir filler shall be easily accessible and have a removable strainer.
11. Hydraulic oil reservoir shall have a sight level gauge and thermometer.
12. Hydraulic oil shall be supplied to the Turret-mounted control valve through a rotary manifold.
13. All cylinders, control valves, hoses and hydraulic fittings shall be domestic convention (no metric adapters permitted).

### HOSES

- a.) All high-pressure hose to be wire braid reinforced with a minimum safety factor of 4:1

### CYLINDERS

- a.) All cylinders must have micro-honed I.D. cylinder tubing, chrome shafts, top grade packing and protective rod wipers.

### FILTRATION

- a.) The hydraulic filtration system shall consist of the following;
  1. Suction strainer
  2. Return line filter, capable of providing 10 micron nominal filtration.
  3. Pressure filter capable of providing 5-micron nominal filtration.

## XI. OUTRIGGERS

1. Unit shall be stabilized by four, hydraulically operated outrigger assemblies.
2. The main outriggers shall be type out-and-down with an 18-foot spread. The vertical legs shall be notched into the bed floor. Outriggers will allow for a 30" ground clearance with pin on legs.
3. Horizontal and vertical movement of the main outriggers shall be individually controlled.
4. The secondary outriggers shall be 'A' type **under** over frame mount with a 12 foot 6" spread.
5. Vertical outrigger cylinders shall be of the double acting type equipped with integral pilot operated check valves capable of preventing drift from both the retracted and the extended positions even in the event of loss of hydraulic power or line failure.
6. Main and secondary outrigger assemblies shall be solidly mounted to the sub frame assembly.

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7. Penetration of outrigger shoes shall not be less than six inches below normal ground level.

## **XII. OPERATOR CONTROL SYSTEM**

1. The medium for transmitting control signals from the platform to the lower control station shall be by means of wireless radio remote controls.
2. The aerial device remote controls shall consist of eight control handles for operation boom extension, boom lift, boom actuation of these eight functions shall be accomplished by means of proportional electric controls.
3. The aerial device remote controls shall consist of eight control handles for operation boom extension, boom lift, boom actuation of these eight functions shall be accomplished by means of proportional electric controls.
4. Controls shall meter pilot operated pressure compensated modulating valves.
5. The aerial device controls located at the platform shall include a remote chassis engine, start-stop system.
6. The lower boom controls shall have individual control valve handles to override each boom function.
7. The lower boom controls shall be mounted on the roadside of the turret above rotation.
8. The lower boom controls shall include engine speed and start/stop switches, along with upper/lower controls switch to override the upper controls.
9. The outrigger-boom selector shall be mounted at the rear, under the bed.
10. The outrigger controls shall be mounted at the rear, under each corner of the bed with roadside valve controlling roadside outriggers and curbside valve controlling curbside outriggers.
11. The outrigger controls shall include a truck level bull's eye.

## **XIII. BODY**

1. The bed shall be 16 feet long with a wood apitong plank floor.
2. An ICC straight type bumper shall be installed at the rear of the bed with taillights.
3. Plan black anti-sail spray suppressant, splashguards shall be provided in front and rear of the rear wheels (no dealer advertisement).
4. Step shall be provided on each side at the rear of the body and slightly pitched outward from vertical to provide access to the walk-around control platform with non-slip steps and grab handles.
5. On the left side of the bed stake pockets shall be provided for the rack side boards to fit into from the front to the rear of the bed made of 4" inch structural channel X 48" inches high from the top of the bed. Seven uprights shall be utilized and interconnected by brackets creating three independent sections starting at 12" from the front of the bed and ending 12" from the rear of the bed. These shall be easily removable allowing access to the side of the bed from the ground. The boards shall be 5/4" X 6" pressure treated and equally spaced horizontally from the bottom to the top of the 48" channels. **See pictures for reference only.**
6. The bed deck shall be free of obstructions for the mounting of Tool boxes by the State on the right side of the deck and in the rear behind the turret. The two boxes on the right side 24" X 24" X 60" will be mounted next to each other on the deck for easy access by the operator. One 24" X 24" X 60" will be frame mounted on the rights side underneath the body. One 24" X 24" X 24" will be mounted in the space behind the turret centered on the bed. One 24" X 24" X 36" will be mounted on a frame off the bed at the headboard and centered. **See pictures for reference only.**

## **XIV. HEAVY-DUTY HYDRAULIC BOOM WINCH**

1. Winch shall be a high-efficiency planetary type with integral load-holding brake.
2. The winch shall be rated for 5,000 lbs. bare drum.
3. The winch shall be controlled from an additional valve section in the lower control valve. It shall be a pressure compensated to allow feathering the winch and one boom section simultaneously.
4. Winch shall be mounted at the base of the boom for a long fleet angle and flat level spooling of cable.

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5. The winch shall be supplied with 180 feet of 3/8" diameter 6 X 37 Improved Plow Steel Iron Wire rope core wire rope and a weighted swivel hook.
6. Unit shall be equipped with anti-2-block switch, weight and hydraulic valve to protect the unit from damage due to lifting the hook into the boom.
7. Three-ton top dead end snatch block shall be provided to operate with 2-part line.
8. One 50 lb. down haul ball required.
9. Required lifting rating 1,000 lbs. at 41-ft. radius, 5,900 lbs. at 2-ft. radius with platform removed.
10. Main boom section shall be equipped with a retainer at platform end to stow cable when not in use.

#### **XV. PLANETARY DIGGER**

1. The digger drive shall consist of a hydraulic motor directly coupled to a planetary single speed gearbox.
2. The gear box shall be rated for 2,666 ft.-lb. output torque minimum (@2,000 PSI).
3. The hydraulic system shall be set to operate the digger at 2,000 PSI developing a minimum of 17 RPM and operation torque of 2,666 ft.-lb. minimum.
4. The auger drive shall be 2.5" hex size.
5. A 48" long 2.5" hex extension shaft shall be provided.
6. One 18" diameter double-flighted auger by 60" long is required.
7. Auger shall be stored on the main boom section with a hydraulically latching mechanism. The operator shall be able to unlatch, lower, telescope and operate the auger from the controls without attaching hoses, removing pins, clamps or straps of any kind.
8. The operator shall be able to restore the digger from the controls station hydraulically after attaching or rope to the auger.
9. The digger when lowered from the storage bracket shall automatically lock onto and telescope with the mid boom. Digging range shall be between 20ft. and 36 ft. from the center of the turret.
10. In addition to being able to fully control the digger from the lower controls, the operator shall be able to use the radio remote control.
11. When the digger is in use, the small boom section (fly boom) shall not extend.
12. Unit stability testing shall include extending the digger in addition to normal crane and platform tests.

#### **XVI. MISCELLANEOUS**

1. A 110-volt duplex receptacle shall be accessible to the operator in the platform for using electric tools.
2. A platform-mounted jib with hydraulic winch shall be provided. Jib to have a 500lb. capacity and stow in the platform.
3. (4) DICA outrigger pads shall be provided, 24" X 24" X 1". Pads shall include tow pad holders, one mounted under each side of bed.

#### **XVII. CAB EQUIPMENT**

1. The master control switch with indicator lights shall be installed in truck cab.
2. U/L approved 2-1/2 lbs. 5:BC dry chemical fire extinguisher shall be installed in the truck cab.
3. A holder for operator's manual shall be provided.

#### **XVIII. PLACARD/DECAL LABELS, MANUALS, VIDEO, ETC.**

1. Each control and switch shall be clearly labeled to define function and direction of operation.
2. Two safety harnesses and 72" lanyards shall be delivered with the unit.
3. Two complete sets of operating, service, maintenance and parts manuals applicable to the aerial unit, as delivered, containing detailed parts and maintenance information inclusive of all optional equipment installed shall accompany the vehicle at the time of delivery.
4. One safety and operation video, covering the safe use of the manufacturer's products shall accompany the vehicle at the time of delivery.

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**XIX. TRUCK CHASSIS (MINIMUM REQUIREMENTS) provided by the State**

1. Minimum 33,000 GVWR
2. Conventional Cab
3. 13,000 lb. FGVWR Front Axle
4. 20,000 lb. RGVWR Rear Axle
5. 1,600,000 in-lb. RBM.
6. Clear frame rails from back of cab to rear of frame.

**XX. PINTLE PLATE**

1. A rear pintle plate shall be welded in place and properly braced underneath with two D- rings for safety chains to fasten to with a 2-1/2" receiver welded in place. A 2" insert shall also be provided to accommodate different hitches.
2. A seven-way RV type plug shall be installed and in place on the left side of the pintle plate wired properly to the truck's trailer electrical wire circuit.

**ADD:**

**Sign forks at platform**  
**Boom rotation/outrigger safety lock out**  
**Outrigger out of stow warning light in cab**  
**Top of cab windshield guard**  
**Color of boom, orange matching the cab of the truck.**

**SAFETY:**

- Full function emergency power system
- All pivot points shall be hi-strength alloy steel and chrome plated.
- All hoses shall be secured inside the boom for protection.
- Manufacturer shall supply two (2) complete sets of Safety Data Sheets for all construction and coating materials used in both the construction and finishing of all equipment and fluids furnished.
- Vehicle height placard shall be mounted in cab and easily visible.

**WARRANTY:**

The entire unit shall be warranted for a minimum of one year, no cost from the truck's in-service date (determined by D.O.T.).

**MANUALS:**

Two complete sets of Operator, repair and parts manuals shall be provided with unit.

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