



*John P. Kelly, Director
Frank Sadeghi, Deputy Director
Robert S. Arace, Commissioner
Jennifer Bacchione, Commissioner
Virginia E. Haines, Commissioner*

Jennifer L. Bowens, Purchasing Agent

*County of Ocean
Administration Building
101 Hooper Avenue
Toms River, NJ 08754*

BID

***MOTOR VEHICLE: FLATBED TRUCK WITH HYDRAULIC DIGGER
DERRICK***

2025

***ADVERTISEMENT DATE: July 16, 2025
OPENING: August 5, 2025, 11:00 am***

Bid Category: 04- Automotive Products, Vehicles and Services

Notice to Bidders

NOTICE IS HEREBY GIVEN that sealed bids for the furnishing and delivery of **MOTOR VEHICLE: FLATBED TRUCK WITH HYDRAULIC DIGGER DERRICK** for the County of Ocean, will be received by the Purchasing Agent of the County of Ocean on **Tuesday, August 5, 2025 at 11:00 am**, prevailing time.

Bids will be received electronically via the County's Online Procurement Portal. Specifications are available on the Procurement Portal or for viewing only, in the Department of Purchase, Room #224, Administration Building, 101 Hooper Avenue, Toms River, New Jersey. Direct all inquiries to Jennifer L. Bowens, Purchasing Agent.

Bidders are required to comply with the requirements of N.J.S.A. 10:5-31 et seq. and P.L. 1975 C. 127 (N.J.A.C. 17:27-1 et seq.) regarding equal employment opportunities and with the requirements of P.L. 1977 C.33 regarding corporate and/or partnership ownership.

The right to reject any and all bids is reserved in accordance with applicable law.

By order of the Board of Commissioners of the County of Ocean.

Signed:

JOHN P. KELLY, Director

JENNIFER L. BOWENS, Purchasing Agent

Contact Information and Project Timeline

Summary

The purpose of this bid package is to provide the County of Ocean with a Contractor who will supply the materials or services described and specified herein.

Contact Information

For further information regarding these specifications, contact

Brian W. McCarthy

Director

Email: jhannold@co.ocean.nj.us

Phone: [\(732\) 349-4579](tel:(732)349-4579)

Department:

Bridges, Vehicle Services

Timeline

Advertising Date	July 16, 2025
Bid Opening Date	August 5, 2025, 11:00am Administration Building, 101 Hooper Ave., Room 119, Toms River, NJ, 08753

Important Instructions for Electronic Submittal

Instructions for Electronic Bid Submission

The County is accepting electronic bid submissions with Open Gov by following these instructions:

Sign up for a FREE account at <https://procurement.opengov.com/portal/oceancounty>

Once you have completed account registration, browse back to this page: [County's OpenGov Electronic Bid Portal \(https://procurement.opengov.com/portal/oceancounty/\)](https://procurement.opengov.com/portal/oceancounty/)

Click on the bid of interest, then click "Draft Response".

Follow the instructions to submit the electronic bid.

It is important to note that this process should be completed well in advance of the bid deadline / bid opening. DO NOT WAIT UNTIL THE LAST MINUTE. The County's electronic submission system will not allow electronic bids to be submitted once the deadline has passed, even if you've already started the process. The deadline is based on the countdown timer found on the OpenGov bid submission page.

Instructions to Bidders

Bid Opening

All bids will be opened publicly in the Administration Building, Room 119, 101 Hooper Avenue, Toms River, New Jersey, commencing at 11:00 am, prevailing time on Tuesday, August 5, 2025.

Electronic Bid Submissions

Bids must be submitted electronically through Ocean County's Procurement Portal by the date and time stipulated in the Notice to Bidders.

Deadline Instructions

The County will not be responsible for late bids, and no bids will be accepted if received after the time stipulated in the notice to bidders.

Completion of all Documents

Bidders shall complete all documents and acknowledge all terms included with the bid package. All documents should be from this bid package and must not be dated or executed prior to the date of advertising. Failure to follow these instructions is cause for rejection.

NOTE: In order to access any DocuSign forms in this solicitation, you must first click "Draft Response".

Instructions on how to access the forms through DocuSign are available in the Attachments. Please note that in order to view the forms as a .pdf document, you must access DocuSign first. Once you access DocuSign, the option to download, save, print and complete the forms becomes available

Right to Reject

The County reserves the right to reject all bids in accordance with N.J.S.A. 40A:11-13.2, to waive any informalities in the bid and to accept the lowest responsible bid in accordance with applicable law.

Bidder Default

In case of default by the bidder or contractor, the County of Ocean may procure the articles or services from other sources and hold the bidder or contractor responsible for any excess cost occasioned thereby.

Indemnity

The bidder, if awarded a contract, agrees to protect, defend and save harmless the County against any damage for payment for the use of any patented material process, article or device that may enter into the manufacture, construction or form a part of the work covered by either order or

contract, and he further agrees to indemnify and save harmless the County from suits or actions of every nature and description brought against it, for, or on account of injuries or damages received or sustained by any party or parties by, or from any of the negligent acts of the contractor, his servants or agents.

Specifications

It is to be understood by the bidder that this bid is submitted on the basis of specifications prepared by the County and the fact that any bidder is not familiar with these specifications or conditions will not be accepted as an excuse.

Bid Security

NO BID SECURITY

Performance Bond

NO PERFORMANCE BOND

Pricing Proposal

Bidders must use the pricing proposal provided in the bid specifications. Failure to use the pricing proposal in the bid specifications shall be cause for rejection of the bid.

Pricing

Insert prices for furnishing all of the material and/or labor described or required. Prices shall be net, including any charges for packing, crating, containers, etc. and all transportation charges fully prepaid by the contractor F.O.B. destination and placement at locations specified by the County. No additional charges will be allowed for any transportation costs resulting from partial shipments made at the vendor's convenience when a single shipment is ordered.

Payment

Payments will be made upon the approval of vouchers submitted by the successful bidders in accordance with the requirements of the Board of Commissioners and subject to the Board of Commissioners customary procedures. The County will not pay interest or late fees regardless of language provided.

Discrepancy in Pricing

In the event that there is a discrepancy between the unit prices and the extended totals, the unit prices shall prevail. In the event there is an error of the summation of the extended totals, the computation by the OWNER of the extended totals shall govern.

Award Timeframe

Award will be made by Ocean County Board of Commissioners within sixty (60) days after receipt of bids.

Equal or Tie Bids

The County of Ocean reserves the right to award at their discretion to any one of the tie bidders where it is most advantageous for the County to do so, pursuant to N.J.S.A. 40A:11-6.1.

Tax Exempt

The County of Ocean is exempt from any State sales tax or Federal excise tax.

Equivalent Product

When offering an equivalent product, the bidder must clearly specify any variations from the stated specifications, regardless of how minor. The County will determine whether the proposed item meets or exceeds the specified product based on its quality, performance, and suitability for the intended use. Where equivalent equipment is offered, the County will determine if the proposed item is equal to or better than specified.

Evaluation

In addition to pricing, evaluation will include an assessment of quality, adherence to specifications, suitability for the County's needs, delivery terms, and warranty provisions. If no deviations from the specifications are noted, the bid will be assumed to be fully compliant with the stated requirements.

Quantities

The quantities shown on the pricing proposal are **estimates only**, and Ocean County will not guarantee any minimum purchase. The County reserves the right to decrease or omit quantities as needed over the course of the contract. The county will not consider any minimum requirements imposed on order quantities. The County also reserves the right to increase quantities to twenty (20) percent of the maximum quantities listed at the unit price bid, in accordance with N.J.A.C. 5:30-11.3. *Note: Actual orders are placed upon receipt of a Purchase Order, on an as needed basis. The County will not be responsible to pay for any product that was not ordered through a Purchase Order.*

Delivery of Goods and Services

Delivery of items shall only be made upon receipt of a Purchase Order issued by the Ocean County Department of Purchase, upon which delivery locations and needed quantities shall be indicated.

American Goods and Products

All contractors must comply with the provisions of New Jersey Statute Title 40A:11-18, when applicable.

Specific Market Conditions for Motor Vehicles

If the current model year changes mid contract, the vendor can submit a price adjustment request to the County for the next model year. Requests for price adjustments must include justification and documentation such as a notice of an increase in the manufacturer's price and/or an increase in the industry. Requests, including specifications and a revised price sheet, must be submitted to the Ocean County Purchasing Agent for review and approval. If approved, the revised specifications and price sheet will be posted on line for all future purchases for the new model year vehicle.

Additionally, if the awarded model vehicle is no longer available to order, the County reserves the right to purchase the same make and model vehicle (any year) from the awarded vendor from the lot, if available. Specifications and a price quote for these vehicles must be submitted to the Ocean County Purchasing Agent for review and approval before an order can be placed.

No Assignment

This agreement shall not be assigned without the written consent of the County of Ocean.

NJ One Call

By presenting a bid, contractor declares that he is aware of and, if required, will comply with the requirements of the "Underground Facility Protection Act (Public Law 1994, Chapter 118)" prior to commencing any intended excavation. The telephone number to call is 1-800-272-1000.

Public Works Contractor Registration Act, N.J.S.A. 34:11-56.48 et seq

The bidder must comply with the provisions of "The Public Works Contractor Registration Act", if applicable.

- All named contractors must be registered with the Department of Labor and Workforce Development pursuant to the Public Works Contractor Registration Act at the time the proposal is received, or the proposal will be determined to be non-responsive.
- Any non-listed contractor must be registered with the Department of Labor and Workforce Development prior to physically starting work. It is the responsibility of the General Contractor to insure that all non-listed sub-contractors comply.
- Contractors are encouraged to submit their and all named sub-contractors' Public Works Contractor Registration Certificates with the bid.

Prevailing Wage & Labor Laws

The New Jersey Prevailing Wage Act (P.L. 1963, Chapter 150) and provisions of the State Labor Laws must be complied with by the successful bidder, if applicable. The current Prevailing Wage Rates can be found online at <https://www.nj.gov/labor/wageandhour/prevailing-rates/public-works/currentprevailingwage.shtml>

All Certified Payrolls for Public Works Projects **must** be submitted online via the New Jersey Wage Hub website which can be accessed through the following link: <https://njwages.nj.gov/>. Certified payrolls must be submitted within ten (10) days of the payment of wages for each pay period, **both** online via New Jersey Wage Hub and hard copy to the contracting unit.

Special Surety Bid Requirements for Certain Construction Projects

The attention of the bidder is called to the provisions of N.J.S.A. 2A:44-143 which requires that the County of Ocean shall only accept performance and payment bonds from surety companies meeting the requirements of that statute. The bidder shall deliver with its bid a Consent of Surety. The Bidder's Surety Company shall complete the "Certificate of Surety Company" which bidder shall submit with its bid.

New Jersey Business Registration Requirements

Pursuant to N.J.S.A. 52:32-44, Ocean County ("Contracting Agency") is prohibited from entering into a contract with an entity unless the bidder/proposer/contractor, and each subcontractor that is required by law to be named in a bid/proposal/contract has a valid Business Registration Certificate on file with the Division of Revenue and Enterprise Services within the Department of the Treasury.

Prior to contract award or authorization, the contractor shall provide the Contracting Agency with its proof of business registration and that of any named subcontractor(s).

Subcontractors named in a bid or other proposal shall provide proof of business registration to the bidder, who in turn, shall provide it to the Contracting Agency prior to the time a contract, purchase order, or other contracting document is awarded or authorized.

During the course of contract performance:

- (1) the contractor shall not enter into a contract with a subcontractor unless the subcontractor first provides the contractor with a valid proof of business registration.
- (2) the contractor shall maintain and submit to the Contracting Agency a list of subcontractors and their addresses that may be updated from time to time.
- (3) the contractor and any subcontractor providing goods or performing services under the contract, and each of their affiliates, shall collect and remit to the Director of the Division of Taxation in the Department of the Treasury, the use tax due pursuant to the Sales and Use Tax Act, (N.J.S.A. 54:32B-1 et seq.) on all sales of tangible personal property delivered into the State. Any questions in this regard can be directed to the Division of Taxation at (609)292-6400. Form NJ-REG can be filed online at <http://www.state.nj.us/reasury/revenue/busregcert.shtml>.

Before final payment is made under the contract, the contractor shall submit to the Contracting Agency a complete and accurate list of all subcontractors used and their addresses.

Pursuant to N.J.S.A. 54:49-4.1, a business organization that fails to provide a copy of a business registration as required, or that provides false business registration information, shall be liable for a penalty of \$25 for each day of violation, not to exceed \$50,000, for each proof of business registration not properly provided under a contract with a contracting agency.

Pay to Play Requirements

Starting in January 2007, all business entities are advised of their responsibility to file an annual disclosure statement of political contributions with the New Jersey Election Law Enforcement Commission (ELEC) pursuant to N.J.S.A. 19:44A-20.27 if they receive contracts in excess of \$50,000 from public entities in a calendar year. Business entities are responsible for determining if filing is necessary. Additional information on this requirement is available from ELEC at 888-313-3532 or at www.elec.state.nj.us.

Statement of Ownership

The provisions of N.J.S.A. 52:25-24.2 apply to all forms of corporations and partnerships, including, but not limited to, limited partnerships, limited liability corporations, limited liability partnerships, and Subchapter S corporations.

Disclosure of Investment Activities in Iran

Pursuant to Public Law 2012, c. 25, any person or entity that is a successful bidder or proposer, or otherwise proposes to enter into or renew a contract, must complete the certification below to attest, under penalty of perjury, that neither the person or entity, nor any parent entity, subsidiary, or affiliate is identified on the State Department of Treasury's Chapter 25 list as a person or entity engaging in investment activities in Iran. The list is found on Treasury's website at www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf.

The Chapter 25 list must be reviewed prior to completing the certification. If a vendor or contractor is found to be in violation of law, action may be taken as appropriate and as may provided by law, rule or contract, including but not limited to imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party. Prior to contract award or authorization, the contractor shall provide the Contracting Agency with a completed Certification on Disclosure of Investment Activities in Iran.

Certification of Non-Involvement in Prohibited Activities in Russia or Belarus

Pursuant to N.J.S.A. 52:32-60.1, et seq. ([L. 2022, c. 3](#)) any person or entity (hereinafter "Vendor") that seeks to enter into or renew a contract with a State agency for the provision of goods or services, or the purchase of bonds or other obligations, must complete the certification below indicating whether or not the Vendor is identified on the Office of Foreign Assets Control (OFAC) Specially Designated Nationals and Blocked Persons list, available here: <https://sanctionssearch.ofac.treas.gov/>. If the Department of the Treasury finds that a Vendor has made a certification in violation of the law, it shall take any action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking

compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party.

Insurance Requirements

The contractor shall maintain primary insurance to protect against all claims under Workmen's Compensation, Comprehensive General Liability and Automobile. Except for Workmen's Compensation, all coverage shall apply as primary coverage with respect to any other insurance or self-insurance program afforded to the County. There shall be no endorsement or modification of this coverage to make it excess over other available insurance/coverage; alternatively, if the CGL and umbrella, excess of reinsurance states that it is pro rata, it shall be endorsed to be primary with respect to the County. Primary Coverage shall be subject to approval for adequacy of protection as per the following limits:

Worker's Compensation

1. Limits according to Worker's compensation Laws of the State of New Jersey.
2. Contractor's Liability not less than \$100,000.

Comprehensive General Liability

1. Bodily Injury - \$500,000 per person; \$1,000,000 per occurrence.
2. Property Damage - \$1,000,000 per occurrence.

Comprehensive General Liability Details

Comprehensive Automobile Liability shall include the following:

Business auto liability insurance or its equivalent with a minimum limit of \$1,000,000 per accident and including coverage for all of the following:

- A. Liability arising out of the ownership, maintenance or use of any auto;
- B. Auto non-ownership and hired car coverage.
- C. Contractor's Worker's Compensation, Comprehensive General Liability and
- D. Comprehensive Automobile Liability arising out of subcontractor's operations shall be identical as that listed above.

Proof of Insurance

Copies of each insurance certificate shall be furnished to the County when requested.

Open Public Records Act (OPRA)

**** ATTENTION****

Responses received pursuant to this solicitation are subject to complete disclosure pursuant to the Open Public Records Act. Please note that disclosure includes any and all attachments and addenda supplementing the solicitation response. Accordingly, please do not include personal identifying information in any supplementary documents submitted with the solicitation response.

County Cooperative Contract Purchasing System

The County has established a "COUNTY COOPERATIVE CONTRACT PURCHASING SYSTEM" pursuant to N.J.S.A. 40a:11-1 et seq...

The IDENTIFIER for this system is:

CK-02-OC

This system allows local government contracting entities located within the geographical boundaries of the County to purchase goods and services awarded as a result of this bid proposal if it is extended by the low bidder.

Goods and services must be made available without substitution or deviation from specifications, size, features, quality, price or availability as herein set forth. It is understood that orders, if any, will be placed directly by contracting units, subject to the overall terms of the contract to be awarded by the County of Ocean.

The estimated quantities listed in this specification reflect only the needs of the agencies under the direct control of the Ocean County Board of Commissioners. If the vendor chooses to extend the resulting contract to all other contracting units, the quantities could be higher.

Please check (✓) the YES or NO box in the Vendor Questionnaire to indicate whether or not you will extend contract prices to all contracting units.

Award Method

Contract will be awarded on a lump sum basis.

Motor Vehicle Specific Scope of Work

SPECIFICATIONS

Detailed specifications for this bid are located in the Vendor Questionnaire under the question labeled "Compliance Pages for MOTOR VEHICLE: FLATBED TRUCK WITH HYDRAULIC DIGGER DERRICK" .

MANUALS

Unless otherwise indicated, a minimum of three (3) complete sets of manuals, for each model year, MUST be provided with the first vehicle/equipment delivery as follows (thumb drive, CD/DVD/USB format preferred, if available):

- 1) Operator's Manual
- 2) Parts Book
- 3) Shop Service Manuals including wiring diagrams and trouble shooting guide
- 4) Hydraulic System Manual including parts book and service repair manual (if applicable)

TRAINING AND TECHNICAL SUPPORT

If requested, training shall be provided by the successful bidder for operators and mechanics at a County location with instructional materials as needed.

COOLING SYSTEM PROTECTION

All vehicles furnished must be protected to -20°F (-30°C) with permanent type anti-freeze and summer coolant.

AIR CONDITIONING

All air conditioning shall be factory installed, support system (cooling, electrical, etc.) shall be upgraded in accordance with factory recommendations.

FUEL & FLUIDS

All vehicles will be delivered with a minimum of one-half (½) tank of fuel. All other fluids will be filled in accordance with the manufacturer's recommended levels.

STANDARD EQUIPMENT

These specifications include all standard equipment provided for each vehicle unless specifically upgraded or deleted. In the event options are required, the contractor shall provide upgrading of all support systems affected, in accordance with factory recommendations.

DESIGN

Materials shall be of good commercial quality for the intended service and shall be produced by use of current manufacturing processes and treated to resist rust, corrosion and wear. The design of the mechanical member shall be such that the stress imposed through normal shock loads of maximum engine torque, shall not cause rupture or permanent deformation or undue wear on any member.

REPAIRS

All repairs are to be performed at the location the vehicle is stationed or at a service center within the County. All requests for repairs must be responded to within 24 hours.

DEMONSTRATION

Bidder shall be prepared to give, prior to bid award, a complete demonstration of the equipment proposed at a County facility or a mutually agreed to location and time within the State of New Jersey. The equipment so demonstrated shall be complete as offered by the bidder.

SERVICE

Contractor shall be able to service all equipment proposed. The contractor shall maintain a service facility staffed with qualified service personnel and a working inventory of parts.

WARRANTY

All warranty paperwork will be supplied with each unit at the time of delivery and shall be in typed form. The warranty commences with the final inspection and acceptance of the unit by the County. The authorized Dealer's Warranty shall be for a minimum of one (1) year period from date of final inspection and acceptance by the County for parts and labor on chassis, engine, transmission and all optional equipment. The vendor shall furnish for each vehicle delivered, all of the manufacturer's standard warranty against defects in material, workmanship and design in said vehicles. This agreement shall cover all warranty work, minor warranty and service work at the successful bidder's location. When requested by the Director of Vehicle Services, this agreement shall also cover all warranty work, minor warranty and service work at a County facility. The successful bidder will be responsible for vehicle transportation for all warranty repairs and recall work for the complete vehicle and installed equipment during the standard or extended warranty period, when applicable. The vehicle must be picked up within five (5) working days of notification that work is required, and returned to the County within seven (7) working days. Bidder shall have full service facility stocked with parts capable of performing all warranty and non-warranty repairs, to ensure efficient and economic maintenance of the vehicles and to reduce down time. In the case of any unnecessary delays in repairing vehicles with warranty work because of parts availability or service scheduling, the Director of Vehicle Services shall be notified and, if requested, a replacement vehicle shall be provided.

DESCRIPTIVE LITERATURE AND TECHNICAL SPECIFICATIONS

Bidders are encouraged to submit descriptive literature and technical specifications with their bid. If not submitted with the bid, the County reserves the right to request this information, prior to contract award.

USE OF OTHER NAMES AND REFERENCES

Unless otherwise stated, the use of manufacturers' names and product numbers are for descriptive purposes, and establishing general quality levels only. They are not intended to be restrictive. Bidders are required to state exactly what they intend to furnish, otherwise it is fully understood that they shall furnish all items as stated.

MODEL INFORMATION REQUIRED

The manufacturer, make and exact models proposed as substitutes shall also be submitted on bidder's letterhead with any proposal contended to be "equivalent". The vehicles, equipment and accessories shall be new. The bidder shall specify the specific model being bid in each class or type of vehicle.

ROLL-OVER MODEL YEAR

The County will consider requests to roll over a contract to the next model year if the manufacturer's cut-off date has passed, provided that updated vehicle specifications are submitted for review and approval. If a roll-over is agreed upon between the awarded bidder and Vehicle Services Director and approved by the Purchasing Agent, the contract affected by the roll-over will be amended to the newest model year's information.

CUT-OFF DATES FOR MODEL YEAR SPECIFIED

The bidder shall notify the County of Ocean Purchasing Department, c/o Jennifer Bowens, Purchasing Agent, P.O. Box 2191, Toms River, NJ 08754 in writing or by fax (732-288-7636) no less than thirty days prior to the factory cut-off date for any vehicle under contract. Successful bidder MUST provide written proof from manufacturer of factory cut-off dates and MUST confirm receipt of same by the County of Ocean Purchasing Department.

COMPLIANCE TO MINIMUM BID REQUIREMENTS EQUIVALENT PROPOSALS

It is the intent of these specifications to describe and govern the purchase of new and unused motor vehicles equipment with any and all accessories as noted herein. The units shall conform to the highest quality of manufacturing and design standards. Any item or items not specifically mentioned herein, but which would be required to produce a complete working unit, shall be supplied by the vendor. All bidders must answer compliance questions in full. A general exception cannot be taken for any paragraph or item. If a bidder is basing his proposal on equipment other than what is specified in these bid documents and wishes the equipment he proposes to be considered as an "approved equal", he shall submit on a separate sheet, in the exact format of the technical specifications contained herein, an item by item description of that

which he proposes to substitute including any and all variations from or exceptions to the conditions and specifications of this bid. Failure to comply may result in rejection of bid.

KEYS

A minimum of six (6) sets of keys are required with each vehicle and piece of equipment ordered. This is a minimum requirement: if additional sets are required, it will be indicated in the detailed specification section.

BID PROPOSAL PRICE INCLUSIONS

The price quoted shall include all options specified and all transportation charges fully prepaid to Ocean County Department of Vehicle Services, Chestnut Street, Toms River, New Jersey.

FLEET NUMBER

For Ford Vendors: The County of Ocean Fleet number is QB504.

PRE-BUILD

A detailed vehicle production plan must be provided and approved prior to the start of any upfitting. The production plan detail must include exact mounting locations and configurations for all components.

TITLES

Each vehicle must be delivered with a New Jersey motor vehicle new vehicle inspection sticker in place as prescribed by law. Each vehicle must also be delivered with a New Jersey Motor Vehicle Commission title, registration, and plates. (Temporary plates are not acceptable) Deliver with title issued as follows: 610 234 000 08754 0 Ocean, County of PO Box 2191, Admin. Bldg. Toms River, NJ 08754

DELIVER WITH TITLE NOT CERTIFICATION OF ORIGIN

Notwithstanding the delivery of the title, the County reserves the right to inspect the vehicles and reject them if non-conforming to the specifications.

DELIVERY REQUIREMENTS

Please be advised that when delivering vehicles and/or equipment to the County of Ocean the following procedure must be strictly adhered to:

1. Three (3) days prior to delivery, the successful contractor is required to contact Vehicle Services at (732) 349-4579 and speak with one of the service writers for an approved delivery date.

2. Two (2) days prior to the vehicle delivery the successful bidder will provide via Electronic Delivery (E-mail) a completed and accurate Vehicle Data Sheet and Parts Listing Sheet in a Word Document format for each vehicle being delivered.
3. The successful bidder will have a representative available, and if requested, present during the check-in process.
4. ALL manuals and related materials, as requested in the specifications, MUST be presented to appropriate County personnel at time of delivery of said vehicles /equipment.
5. ALL parts, if requested in the specifications (i.e. belts, filters, hoses, etc.), MUST be presented at time of delivery.
6. The successful contractor shall provide, upon delivery, a list of all supplies (filters, hoses, belts, etc.) needed for the periodic maintenance for the first year. This list shall be complete with part numbers.
7. The successful contractor shall provide, upon delivery, an "As Built" list of all installed equipment and part numbers to cover the vehicle chassis and body.
8. The successful contractor will also be responsible to fill out any and all paperwork needed by the County prior to vehicle delivery. This will assure proper data entry of each vehicle to aide in any future warranty issues.
9. A letter of assurance, on the awarded bidder's company letter head, shall accompany each delivered vehicle, certifying that the vehicle meets or exceeds all specifications as ordered on the Purchase Order.
10. The vehicles furnished shall comply with all safety laws, rules and regulations of the State of New Jersey and with standards for automotive vehicles. A DOT (Department of Transportation) Safety Kit shall be delivered with each vehicle purchased and include a First Aid Kit, Fire Extinguisher, and Safety Triangles.
11. The vehicles, equipment and accessories shall be new and ready for immediate use upon delivery, all service and make-ready having been done prior to delivery. Any vehicle not in such condition will be rejected. All vehicles are to be delivered to the Ocean County Department of Vehicle Services, Chestnut Street, Toms River, New Jersey.
12. No advertising shall appear on any vehicle delivered under the terms of the contract. Further, the contractor will not affix the dealer name to the vehicle. Vehicles delivered to final destinations with dealer's advertising will be rejected.
13. No Vehicle will be accepted at the final delivery point without all supporting documentation and paperwork completed and delivered with the units, which include the vehicle title, warranty, odometer/engine hour statement (if applicable), specified manuals, any line set tickets, invoice and keys sets. No unit will be considered accepted until it has undergone final inspection.
14. All delivered vehicles must be clean both inside and outside. Manufacturer's standard items, such as hubcaps, floor mats, jack and lug wrench or the like, shall be provided, installed, by the contractor prior to delivery.

DELIVERY INSPECTIONS

Prior to presentation for inspection, it shall be the contractor's responsibility to pre-inspect each vehicle. The vehicle must conform to the manufacturer's "new vehicle prep" procedures, if any. The contractor will be required to submit a copy of any "new vehicle prep" procedures upon delivery of the vehicle. Each vehicle presented for inspection shall be accompanied by an inspection package including, but not limited to the following: purchase order, line set sheet (when available) and dealer's pre-inspection prep checklist. The checklist will list the responsible prep mechanic and acknowledge that the vehicle conforms to delivery specifications and that all added equipment and accessories have been properly installed.

Reasons for rejection of units include, but are not limited to:

1. Grinding noise in the wheels (wheel bearings).
2. Improperly aligned wheels.
3. Damaged rims.
4. Any spare tire-rim not mounted on vehicle.
5. Leakage of oil.
6. Transmission leaking fluid at transmission cooler lines or transmission seals.
7. Leakage at rear end.
8. Leaking at radiator.
9. Fuel Leaks.
10. Restrictions in fuel system.
11. Leakage in any part of the exhaust system.
12. Excessively noisy brakes or excessive brake pedal travel.
13. Oil pan damage.
14. Inoperative windshield wipers.
15. Windshield washer not functioning properly.
16. Windshield washer bottle leaking.
17. Transmission malfunctions.
18. Lack of grease fittings in ball joints, U-joints, etc. if factory standard.
19. Horn blowing while driving or inoperative.
20. Gauges or dials missing/malfunctioning.
21. Vehicle pulls to one side.
22. Seatbelts not operating properly.
23. Keys not working properly.
24. Door locks inoperative.
25. Oil dipstick missing or rust on dipstick.

26. Appropriate new vehicle inspection sticker not furnished on windshield.
27. Lights – running, turn, backup, brake, side indicators, and indicator lights not working properly.
28. Lenses missing on interior/exterior light or water in lenses.
29. Any manufacturing deficiencies which permit water leakage into passenger compartment.
30. Windows not operating properly.
31. Vehicle not properly prepped in accordance with the manufacturer's pre-delivery specifications.
32. Vehicle not configured with all equipment and items specified in the contract/purchase order.
33. Body dents, scratches and other defects.
34. Body paint defects.
35. Water leak through roof.
36. Any defects in equipment installation.
37. Electrical system problem.
38. Any defects in after-market components, such as truck body, snow plow, aerial platform, generator, winch, crane and lift-gate.
39. Improperly run wiring and hoses along the chassis.

Inspected units which do not comply with these or other requirements will be rejected. If a vehicle has been rejected, the contractor will be notified and the notification will indicate the reason for rejection. All rejected units will be corrected and the corrected unit(s) will be presented for re-inspection within seven (7) working days. The ordering Department may cancel the purchase order if the contractor fails to correct any problem, without incurring any cost or fee.

Intent

CONTRACT TERMS

The contract shall be one (1) year from date of award, or until delivery is complete unless otherwise stated. The County reserves the right to extend the term of the contract pursuant to N.J.S.A. 40A:11-15.

INTENT

The purpose of this bid package is to provide the County of Ocean with a Contractor who will supply the materials described and specified herein.

BID REVIEW

Bids may be reviewed at the bid opening and results will be made available online through the County's procurement portal once the bid meeting has concluded. Additionally, bid results are available in the Ocean County Purchasing Department on the day following the bid openings for any interested party that may wish to review them.

AVAILABILITY OF FUNDS

The County's obligation hereunder is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the County for payment of any money shall arise unless, and until funds are made available each year to the Ocean County Purchasing Agent.

MODIFICATIONS AND WITHDRAWALS

Bids may be withdrawn from the bidder prior to the time fixed for opening. No right for withdrawal exists after the bid has been opened. Written request for withdrawal shall be signed by the bidder or proper corporate officers.

USE OF OTHER NAMES AND REFERENCES

Unless otherwise stated, the use of manufacturers' names and product numbers are for descriptive purposes, and establishing general quality levels only. They are not intended to be restrictive. Bidders are required to state exactly what they intend to furnish, otherwise it is fully understood that they shall furnish all items as stated.

QUALITY

The materials and supplies called for herein, shall be the best of their grade and types, prepared according to the best available standards or accepted formulas, and thoroughly tested and subjected to rigid examinations and standardization. Items not meeting these requirements shall be replaced at no cost to the County upon due notice of deficiency.

WARRANTY

Manufacturer's warranty shall apply.

MODEL INFORMATION REQUIRED

The manufacturer, make or exact models proposed as substitutes shall also be submitted on bidder's letterhead with any proposal contended to be "equivalent."

AVAILABILITY AND DELIVERY

The bidder should indicate the number of days required for the delivery After Receipt of Order (A.R.O.). If not submitted with the bid proposal, the County reserves the right to request this information prior to the award of contract.

TRANSITIONAL PERIOD

In the event services are terminated by contract expiration or by voluntary termination by either the Contractor or the County of Ocean, the Contractor shall continue all terms and conditions of said contract for a period not to exceed one (1) month at the County's request.

COMPLIANCE TO MINIMUM BID REQUIREMENTS / EQUIVALENT PROPOSALS

These specifications intend to describe and govern the purchase of a new and unused MOTOR VEHICLE: FLATBED TRUCK WITH HYDRAULIC DIGGER DERRICK with all accessories as noted herein. The products shall conform to the highest quality of manufacturing and design standards. Any item or items not specifically mentioned herein, but which would be required to produce a complete working unit, shall be supplied by the vendor.

All compliance pages must be completed in full if required within the specifications. A general exception cannot be taken for any paragraph or item. Suppose a bidder is basing his proposal on equipment other than what is specified in these bid documents and wishes the equipment he proposes to be considered as an "approved equal". In that case, he shall submit on a separate sheet, in the exact format of the technical specifications contained herein, an item-by-item description of that which he proposes to substitute including all variations from or exceptions to the conditions and specifications of this bid. Failure to comply may result in the rejection of the bid.

CURRENT BID RESULTS

If there is a current contract in place for this bid, those results may be obtained by accessing our procurement portal at the below link:

<https://procurement.opengov.com/portal/oceancounty>

Once you have clicked the link, click "Advanced Search" to begin searching for the current opportunity.

Americans with Disabilities Act

Equal Opportunity For Individuals With Disabilities

The CONTRACTOR and the COUNTY do hereby agree that the provisions of title II of the Americans with Disabilities Act of 1990 (the "Act") (42 U.S.C. 12101 et seq.), which prohibits discrimination on the basis of disability by public entities in all services, programs and activities provided or made available by public entities, and the rules and regulations promulgated pursuant thereto, are made a part of this contract. In providing any aid, benefit, or service on behalf of the COUNTY pursuant to this contract, the CONTRACTOR agrees that the performance shall be in strict compliance with the Act. In the event that the CONTRACTOR, its agents, servants, employees, or subcontractors violate or are alleged to have violated the Act during the performance of this contract, the CONTRACTOR shall defend the COUNTY in any action or administrative proceeding commenced pursuant to this Act. The CONTRACTOR shall indemnify, protect and save harmless the COUNTY, its agents, servants and employees from and against any and all suits, claims, losses, demands, or damages of whatever kind or nature arising out of or claimed to arise out of the alleged violation. The CONTRACTOR shall, at its own expense, appear, defend and pay any and all charges for legal services and any and all costs and other expenses arising from such action or administrative proceeding or incurred in connection therewith. In any and all complaints brought pursuant to the COUNTY'S grievance procedure, the CONTRACTOR agrees to abide by any decision of the COUNTY which is rendered pursuant to said grievance procedure. If any action or administrative proceeding results in an award of damages against the COUNTY or if the COUNTY incurs any expense to cure a violation of the ADA which has been brought pursuant to its grievance procedure, the CONTRACTOR shall satisfy and discharge the same at its own expense.

The COUNTY shall, as soon as practicable after a claim has been made against it, give written notice thereof to the CONTRACTOR along with full and complete particulars of the claim. If any action or administrative proceeding is brought against the COUNTY or any of its agents, servants and employees, the COUNTY shall expeditiously forward or have forwarded to the CONTRACTOR every demand, complaint, notice, summons, pleading, or other process received by the COUNTY or its representatives.

It is expressly agreed and understood that any approval by the COUNTY of the services provided by the CONTRACTOR pursuant to this contract will not relieve the CONTRACTOR of the obligation to comply with the Act and to defend, indemnify, protect and save harmless the COUNTY pursuant to this paragraph.

It is further agreed and understood that the COUNTY assumes no obligation to indemnify or save harmless the CONTRACTOR, its agents, servants, employees and subcontractors for any claim which may arise out of their performance of this Agreement. Furthermore, the CONTRACTOR expressly understands and agrees that the provision of this indemnification clause shall in no way limit the CONTRACTOR'S obligations assumed in this Agreement, nor shall they be construed to relieve the CONTRACTOR from any liability, nor preclude the COUNTY from taking any other actions available to it under any other provisions of this Agreement or otherwise at law.

Mandatory Equal Employment Opportunity

N.J.S.A. 10:5-31 et seq. (P.L. 1975, C. 127)

N.J.A.C. 17:27

GOODS, PROFESSIONAL SERVICE AND GENERAL SERVICE CONTRACTS

During the performance of this contract, the contractor agrees as follows:

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Except with respect to affectional or sexual orientation and gender identity or expression, the contractor will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Such equal employment opportunity shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.

The contractor or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

The contractor or subcontractor will send to each labor union, with which it has a collective bargaining agreement, a notice, to be provided by the agency contracting officer, advising the labor union of the contractor's commitments under this chapter and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

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 and the Americans with Disabilities Act.

The contractor or subcontractor agrees to make good faith efforts to meet targeted county employment goals established in accordance with N.J.A.C. 17:27-5.2.

The contractor or subcontractor agrees to inform in writing its appropriate recruitment agencies including, but not limited to, employment agencies, placement bureaus, colleges, universities, and labor unions, that it does not discriminate on the basis of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.

The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

In conforming with the targeted employment goals, the contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.

The contractor shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three documents:

- Letter of Federal Affirmative Action Plan Approval
- Certificate of Employee Information Report
- Employee Information Report Form AA302 (electronically provided by the Division and distributed to the public agency through the Division's website at www.state.nj.us/treasury/contract_compliance)

The contractor and its subcontractors shall furnish such reports or other documents to the Division of Purchase & Property, CCAU, EEO Monitoring Program as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Division of Purchase & Property, CCAU, EEO Monitoring Program for conducting a compliance investigation pursuant to **Subchapter 10 of the Administrative Code at N.J.A.C. 17:27.**

Vendor Questionnaire

OpenGov Vendor Account Verification*

I hereby confirm that I am logged into OpenGov using an account directly associated with the Business Name (and corresponding Tax ID number) as provided in all solicitation documentation. I fully understand that, if awarded a contract with Ocean County, the company information listed in the Contract Information Field will be used for the preparation of all contract documents. *Failure to adhere to these requirements may result in the rejection of this bid.*

Please confirm

*Response required

County Cooperative Contract Purchasing System*

Vendor will extend contract prices to "County Cooperative Contract Purchasing System" Participants as described in [Instruction to Bidders](#) .

Yes

No

*Response required

DOCUMENTS TO BE EXECUTED*

Documents include:

- Signature Page
- Non-Collusion Certification
- Affirmative Action Questionnaire
- **Statement of Ownership (N.J.S.A. 52:25-24.2) (Mandatory Document)**
- Disclosure of Investment Activities in Iran
- Certification of Non-Involvement in Prohibited Activities in Russia or Belarus

FAILURE TO SUBMIT ANY OF THESE DOCUMENTS MAY BE CAUSE FOR REJECTION OF YOUR PROPOSAL.

All documents should be from this proposal package as forms change frequently and the most updated forms are provided in this specification. The forms must not be dated or executed prior to the date of advertising.

NOTE: For detailed instructions on how to complete the forms via DocuSign, please access the "Instructions for Completing Forms in DocuSign" document available in the Attachments.

Please note: The County's preferred method of submission is DocuSign.

DOCUSIGN WORKS BEST IN THE GOOGLE CHROME BROWSER

[Click here to go to the form](#)

*Response required

CONTRACT INFORMATION*

Should your company be awarded a contract with Ocean County, please provide the contact name and physical mailing address where the contract documents should be mailed. *(no email addresses, please!)*

*Response required

Copy of Bidder's Certificate of Employee Information Report

Within seven (7) days after receipt of the notification of intent to award the contract or receipt of the contract, whichever is sooner, a Contractor should present one of the following to the County of Ocean:

- (a) An existing federally approved or sanctioned affirmative action program.
- (b) A New Jersey Certificate of Employee Information Report Approval.
- (c) If the Contractor cannot present "a" or "b", the Contractor is required to submit a completed Employee Information Report (Form AA302 for Goods and Services; Form AA201 for Construction). This form is available [here](#).

QUESTIONS BELOW MUST BE ANSWERED BY ALL CONTRACTORS ON THE AFFIRMATIVE ACTION DOCUMENT:

1. Do you have a Federally approved or sanctioned Affirmative Action Program?

If yes, please upload a photocopy of such approval.

2. Do you have a State of New Jersey "Certificate of Employee Information Report" approval?

If yes, please upload a photocopy of such certificate.

Please note, the only acceptable file forms are as follows:

Documents (doc, docx, rtf, txt, xls, xlsx, pdf)

Images (jpg, png, bmp, tif)

Copy of Bidder's New Jersey Business Registration Certificate

Please use this area to upload your company's BRC.

Use this link to verify your company's BRC:

https://www1.state.nj.us/TYTR_BRC/jsp/BRCLoginJsp.jsp

Please note that a BRC is not required at the time of bid submission but shall be required prior to the award of a contract.

Please note, the only acceptable file forms are as follows:

Documents (doc, docx, rtf, txt, xls, xlsx, pdf)

Images (jpg, png, bmp, tif)

Mandatory Equal Employment Opportunity Statement*

Does the BIDDER comply with the [#Mandatory Equal Employment Opportunity Statement?](#)

Yes

No

*Response required

Americans with Disabilities Act Provisions*

Does the BIDDER comply with the [#Americans with Disabilities Act Provisions?](#)

Yes

No

*Response required

Descriptive Literature and Warranty Details*

Please supply all descriptive literature and warranty details for all items being bid as well as a list of all diagnostic tools and testing equipment, if applicable.

Please note, the only acceptable file forms are as follows:

Documents (doc, docx, rtf, txt, xls, xlsx, pdf)

Images (jpg, png, bmp, tif)

*Response required

Mechanic and Operator Training for All Heavy Duty Motor Vehicles*

MECHANIC AND OPERATOR TRAINING

Training shall be provided by the successful bidder for operators and Mechanics at a County location with instructional materials as needed.

Mechanic training will be provided on site for shop mechanics and supervisors. Class size will not exceed twenty (20) total people. Separate training sessions may be required to accommodate the County's two (2) shifts. Training will be conducted to include the following minimum material:

- Brake system component identification / diagnosis and service procedures
- Electrical system features / diagnosis / maintenance
- Air conditioning system diagnostic and service procedures
- Engine repair and maintenance to include specifications / components / sensor locations
- Emissions equipment to include exhaust after treatment / regeneration / warning system
- Internet based Service and Parts Manual usage

Operator training will be provided for a minimum of four (4) hours immediately following vehicle check in and acceptance. The training will cover familiarization of the truck chassis, installed equipment, and truck hydraulic system operation.

By confirming this question, bidder understands they shall comply with the Mechanic's Training set forth above.

Please confirm

*Response required

COMPLIANCE PAGES FOR MOTOR VEHICLE: FLATBED TRUCK WITH HYDRAULIC DIGGER DERRICK*

Please download the attached Compliance Pages. Complete each compliance line by placing a check mark in the box for yes or no. Once finished, upload the completed document. If you are taking any exceptions to any of the compliance lines, please list and explain each exception in detail on company letterhead. Please upload the exceptions letter with the completed compliance pages.

- [COMPLIANCE PAGES FOR MOTOR ...](#)

*Response required

ADDITIONAL DOCUMENTATION

Please add any additional documentation you wish to be considered here.

Acknowledgement of Submission of Forms from Current Bid Package*

Bidders shall complete all documents and acknowledge all terms included with the bid package. All documents should be from this bid package as forms change frequently and the most updated forms are provided in this specification. The forms must not be dated or executed prior to the date of advertising. Failure to follow these instructions is cause for rejection.

Please confirm

*Response required

Submission of Bid Package*

By submitting a response to this solicitation, the Vendor understands and acknowledges that all required documents to this solicitation must be submitted and that failure to do so may be cause for rejection.

Bidder also understands that only one (1) bid submission shall be considered. Please DO NOT Submit a manual bid response. Submitting a manual response in addition to the electronic response is cause for rejection of your bid.

Please confirm

*Response required

Pricing Proposal

MOTOR VEHICLE: FLATBED TRUCK WITH HYDRAULIC DIGGER DERRICK

Vendors must bid on all items to be considered for award.

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
1	Current Model Year Or Newer M2 106 Freightliner Chassis With Altec Dm47e Hydraulic Derrick Digger, As Specified Or Equal	1	EA		
OPTIONS					
1A	Diagnostic Tools / Test Equipment, As Specified	3	SET		
1B	Two-Way Radio Power and Wiring Requirements for New Vehicles, As Specified	1	EA		
1C	Installation of County Supplied Two Way Radio and Accessories, As Specified	1	EA		
1D	Technical Support, As Specified	180	HR		
TOTAL					

ITEM # 1 – CURRENT MODEL YEAR OR NEWER M2 106 FREIGHTLINER CHASSIS WITH ALTEC DM47E HYDRAULIC DERRICK DIGGER, AS SPECIFIED OR EQUAL

COMPLIANCE
YES **NO**

GENERAL DESCRIPTION:

A 47-foot digger derrick unit with hydraulic extending full-capacity intermediate and upper booms.

Unit shall be built in accordance with standard specifications and include the following:

PERFORMANCE SPECIFICATIONS:

- Maximum Sheave Height: 46.4 ft
- Maximum Horizontal Reach: 37.3 ft
- Maximum Digging Radius: 26.7 ft
- Maximum Capacity (ANSI Rating Classification): 12,902 lb
- Articulation: 80° above horizontal to 20° below horizontal

WINCH:

- 15,000 lb bare drum capacity turntable winch with 8.625 in diameter drum (ANSI 10.31 Section 4.10.4 compliant for wire rope #P/N 893946330 High-torque hydraulic motor driving a self-locking worm gear winch
- Counterbalance valves provide reliable load holding

INSULATION:

- Insulated for operation at 46 kV and below

PROTECTION & SAFETY SYSTEMS

Load Management and Safety Features

- Hydraulic Overload Protection System – Automatically activates to prevent overload-related function actuation (e.g., Boom Lower, Intermediate Boom Extend, Third Stage Extend, Winch Raise, Auger Dig). Automatically resets when overload is relieved.
- Load Indicator Gauge – Mounted at the main control panel, displays percent of total lifting capacity being utilized.
- Hydraulic Side Load Protection – Rotation system back-drives under side load conditions to prevent overload.
- Continuous Rotation – High-capacity worm gear drive system.

ITEM # 1 – CURRENT MODEL YEAR OR NEWER M2 106 FREIGHTLINER CHASSIS WITH ALTEC DM47E HYDRAULIC DERRICK DIGGER, AS SPECIFIED OR EQUAL

COMPLIANCE
YES **NO**

CONTROLS

Operational and Diagnostic Interface

- Electronic CAN Controls – Diagnostic port allows handheld service tool connection for troubleshooting and calibration. Controls eliminate high-pressure hose risks near operator.
- Indicator Light Panel – Indicates hot oil, hydraulic filter replacement, Rotafloat active (if equipped), system diagnostic status.
- Proportional Hydraulic Control System – Closed center system with electro-proportional valves for full metering and feathering.
- Manual Override – Boom, winch, and digger override at main control valve.
- Standard/Low Speed Selector – Operator can switch between normal and reduced function speeds (separate from throttle).
- Remote Control Retrofittable – Includes quick-connect plug for optional radio remote installation.

HYDRAULIC SYSTEM

System Design and Performance

- Closed Center Hydraulic System – 50 GPM maximum flow.
- Flow-on-demand design using variable displacement, pressure-compensated piston pump.
- Valve section compensators ensure smooth transition.
- System Pressure – 3000 psi max. Allows simultaneous operation of boom and digger/winch functions without flow combining.
- Pressure Gauges – Installed on all main control stations.

BOOM & POLE GUIDE

Structural and Functional Components

- Hydraulic Pole Guides – Transferable, proportional open/close/tilt operation, includes adjustable alignment guides and steel boom flares.
- Pole Guide Tilt Interlock – Prevents upper boom extension unless pole guides are detected in full upright/stowed position.
- Boom Tip – Fiberglass construction with provisions for platform attachment.
- Load Line – Two-part attachment point on intermediate boom.
- Fiberglass Upper Boom – Round, centrifugally cast, with smooth inner/outer finish for easy cleaning and high damage resistance.

STOW PROTECTIONS

Storage Safeguards and Function Interlocks

- Boom Stow Protection – Proximity switch limits down pressure as boom is stored.
- Auger Stow Protection – Prevents over-stow condition at latch point.
- Outrigger/Boom Interlock – Prevents boom operation until outriggers are partially deployed.

ITEM # 1 – CURRENT MODEL YEAR OR NEWER M2 106 FREIGHTLINER CHASSIS WITH ALTEC DM47E HYDRAULIC DERRICK DIGGER, AS SPECIFIED OR EQUAL

COMPLIANCE
YES **NO**

SAFETY & FINISH

Compliance, Manuals, and Finish

- Back-Up Alarm – Installed
- Manuals – Two (2) Operator and Maintenance/Parts Manuals with safety and hazard identification
- Paint – Eight-step powder coat finish for chip/scratch/abrasion/corrosion resistance: shot blast, alkaline cleaner, conversion coating, drying, primer, primer cure, topcoat, topcoat cure
- ANSI Compliance – Meets or exceeds ANSI 10.31-2019; placard with serial number included
- Manufacturing – Unit produced in ISO 9001 certified facilities □ □

ELECTRIC-HYDRAULIC CONTROL SYSTEM

Hydraulic Power Efficiency and Control

- Hydraulic Pump – Variable displacement, pressure-compensated piston pump for "flow-on-demand" system efficiency.
- System Design – Smooth transition between functions via valve section compensators. □ □

REAR MOUNT PEDESTAL

Mounting Configuration and Features

- Configuration – 168 Rear Mount Traditional Control Seat
- Mounting – Installed curbside of turntable
- Features – Includes single control station □ □

CONTROL & FUNCTION COMPONENTS

- Three-Position Throttle.
- No hardwired upper controls at boom tip.
- No tool circuit at boom tip □ □

WINCH AND DIGGER SYSTEM

Drilling and Lifting Components

- Turntable Winch – 15,000 lb capacity (normal winch speed)
- Digger – Two-speed mechanical shift, 12,000 ft-lbs torque
- Includes all necessary operating components
- 2.50 in Hex Output Shaft with 2.50 in Hex Extension Shaft
- Right-hand digger storage (standard orientation: streetside for rear/corner mount, curbside for behind-cab mount)
- Auger Overstow Protection System
- Dedicated Digger Shake Command for rapid dig/clean function
- ANSI Compliance – Digger use only (no personnel handling) □ □

ITEM # 1 – CURRENT MODEL YEAR OR NEWER M2 106 FREIGHTLINER CHASSIS WITH ALTEC DM47E HYDRAULIC DERRICK DIGGER, AS SPECIFIED OR EQUAL

COMPLIANCE
YES **NO**

POLE GUIDES

- Style: Standard Pole Guides
- Capacity: 18 in diameter maximum

SIDE LOAD PROTECTION

- Hydraulic Side Load Protection

OUTRIGGER SYSTEM

Stabilization and Safety Control

- Type – A-frame style with folding shoes
- Maximum Spread – 153 in (measured centerline to centerline of shoe pins)
- Penetration – 6.5 in (based on standard 40 in frame height installation)
- Shoe Dimensions – 14 in x 15.25 in
- Hydraulic Outrigger Control Valves
- Outrigger/Unit Selector Control – Prevents inadvertent movement during machine operation if controls are bumped
- Outrigger Motion Alarms
- Interlock Feature – Prevents unit operation until outriggers are partially deployed

UNIT & HYDRAULIC ACCESSORIES

Supplemental Tools and Hydraulic Support

- Rock Auger – 18 in DIA, 2-1/2 in Hex x 104 in Length, Single Flight, Painted Black
- Turntable Winch Rope – Custom, Part #893946330
- Load Line Swivel Hook – 8-1/2 Ton Capacity
- Derrick Subbase – Rigid Series
- Subbase Blocks
- Hydraulic Reservoir – 60 Gallon, Standard, No Sight Gauge
- Hydraulic Oil – HVI-22, 65 Gallon
- Subbase Storage – Drop-down Door (Paddle Latch), Rear Mounted, Notched for Tool Storage, 6 in Height
- Pump – Standard Pump for PTO
- Muncie PTO
- Hot Shift PTO – Compatible with Automatic Transmission
- PTO/Transmission – Standard functionality with park brake auto-neutral for Allison automatic transmissions
- Parking Brake Interlock – Standard machine interlock
- Tool Circuit Installation – Below Rotation (Male Pressure, Female Return)
- Hose Kit – 50 ft Non-Conductive, Orange, with Quick Disconnects and Dust Caps (Industry Preferred)
- Hydraulic Hose Reel – Hannay N616 Series, Spring Loaded, 50 ft Capacity (Standard, not horizontally mounted)

ITEM # 1 – CURRENT MODEL YEAR OR NEWER M2 106 FREIGHTLINER CHASSIS WITH ALTEC DM47E HYDRAULIC DERRICK DIGGER, AS SPECIFIED OR EQUAL

COMPLIANCE
YES **NO**

FINISHING

Finish: Powder Coat

Color: White

BODY & COMPARTMENTATION: FLATBED BODY

Flatbed Construction and Access Features

- Dimensions – 134 in Length x 96 in Width
- Material – All-steel construction with hot-rolled steel and 10-gauge galvaneal floor
- Edges – Folded contact edges for operator safety
- Rust Prevention – Steel pre-treated for improved primer adhesion; underside coated with automotive-grade undercoating
- Paint – Primer and Altec White finish applied at body manufacturer
- Frame – 4 in High Structural Channel Design
- Side/Rear Rail – 3 in High x 3/16 in Thick, notched for drainage and tire clearance
- Access – Gripstrut recessed steps with U-shaped grab handle and drop-in wood cargo retaining board
- Rear Body Features – Includes light channels and outrigger valve guards

TOOL BOX COMPARTMENTS

Compartment Features

- Dimensions – 42 in H x 46 in W x 96 in L; 18 in Deep Compartments (Curb and Street Side)
- Construction – A40 grade zinc alloy steel, heavy-gauge welded frame, tread plate floor, structural crossmembers
- Doors – Full, double-paneled, weather-tight, self-sealing, recessed stainless-steel paddle latches with locks
- Door Hardware – Full-length stainless-steel hinge rods, built-in drainage, recessed handles, mechanical non-porous door seals
- Header – Integrated drip rail for added protection
- Paint – Primer (interior and exterior) with Altec White finish applied at body manufacturer
- Undercoating – Applied to entire underside
- Safety – All edges rolled/folded for strength and injury prevention
- Master Locking System – Included
- Door Holders – Gas shock-type on vertical doors
- B-Line Channel – Installed in compartments

Curbside (RH) Compartments

- 1st Vertical – One (1) through shelf, Four (4) locking swivel hooks (2-0-2)
- 2nd Vertical – Open to streetside; Three (3) adjustable shelves with dividers (4 in centers), punched metal retainer rail

ITEM # 1 – CURRENT MODEL YEAR OR NEWER M2 106 FREIGHTLINER CHASSIS WITH ALTEC DM47E HYDRAULIC DERRICK DIGGER, AS SPECIFIED OR EQUAL

COMPLIANCE
YES **NO**

Streetside (LH) Compartments

- 1st Vertical – One (1) through shelf, Four (4) locking swivel hooks (2-0-2)
- 2nd Vertical – Open to curbside; Four (4) locking swivel hooks (2-0-2)

Additional Features

- Grab Handle – One (1) sloped handle mounted at rear vertical curbside

BODY AND CHASSIS ACCESSORIES

- Dock Bumpers, rectangular (pair), rear-mounted at furthest point on frame rail
- Safety Chain Eye Bolts (set)
- Swivel Style Pintle Hitch, 30,000 lb MGTW / 6,000 lb MVL, 11-bolt T-mount (T-125 style), includes eye bolts and dock bumper
- Underride Protection
- Eyebolt for trailer breakaway cable, 3/8 inch
- Glad Hands, rear-mounted, straight, includes dust covers
- Rigid Step, mounted beneath side access steps (extends approx. 2" outward)
- Riding Seat Access Step
- Pole Rack, two-pole capacity, semi-ratchet tie binders, ratchet cap, cheater bar, behind cab mount
- Secondary Boom Saddle for offset stowing of derrick due to pole rack
- Light Mounting Brackets, located on lower boom rest
- Lower Boom Rest
- Outrigger Pads, plastic, 24" x 24" with rope handle (Qty: 4)
- Outrigger Pad Holders, 25" L x 25" W x 5" H, fits up to 24.5" x 24.5" x 4" pads, bolt-on bottom, steel with washout holes and 3/4" lip retainer (Qty: 4)
- Pendulum Retainers for outrigger pad holders (Qty: 4)
- Wheel Chocks, rubber, metal hairpin handle, 9.75" L x 7.75" W x 5" H (pair)
- Wheel Chock Holders (pair), installed under flatbed
- Mud Flaps with logo (pair)
- Fire Extinguisher, 5 lb, light-duty bracket, Amerex #B402T, installed in cab or inside compartment
- Triangular Reflector Kit (set of 3)
- Slope Indicator Assembly (pair) for machine with outrigger
- Vinyl Manual Pouch for storage of all operator and parts manuals

ITEM # 1 – CURRENT MODEL YEAR OR NEWER M2 106 FREIGHTLINER CHASSIS WITH ALTEC DM47E HYDRAULIC DERRICK DIGGER, AS SPECIFIED OR EQUAL

COMPLIANCE
YES **NO**

ELECTRICAL ACCESSORIES

Lighting, Alarms, and Electrical Systems

- Lights and Reflectors – Per FMVSS 108, complete LED configuration
- Strobe Beacons – Amber LED with brush guard (Qty: 2), mounted on each side of boom stow (Tecniq #K10-AAAD-1)
- Backup Alarm – Dual tone with integrated outrigger motion alarm
- Grounding System – Multi-point grounding (Qty: 7)
- Copper Grounding Lugs – U-shaped, threaded, front and rear locations (Qty: 2)
- Trailer Receptacle – Relocated from chassis; 7-way (RV style pin type) installed at rear
- Trailer Brake Controller – Electric, Tekonsha Voyager #9030
- Switch Panel – Includes mounting panel and accessory switches
- Power Distribution Module – Pre-wired, 10-circuit electronic interface system
- Outrigger Controls – Tail shelf-mounted with emergency stop (E-Stop)
- Telematics – Verizon control unit with in-cab antenna

FINISHING DETAILS & FINAL DELIVERABLES

Finish and Delivery Requirements

- Paint – Front, rear, and underbody components painted black (excludes rust-resistant parts)
- Paint – Unit powder coated white
- Paint – Body accessories above floor painted white
- Coating – Non-skid (black) applied to all walking surfaces
- Decals – Safety and instructional decals in English
- Placards – Vehicle height placard installed in cab; HVI-22 hydraulic oil placard
- Testing – Dielectric test and stability test performed to SI requirements
- Build – Focus factory build
- Delivery – Completed unit delivered
- Freight – Inbound freight included
- Documentation – As-built electrical and hydraulic schematics included in manual pouch
- Test Forms – Completed stability and dielectric test forms included in manual pouch

CHASSIS SPECIFICATIONS

- M2 106 Plus conventional chassis
- 2026 model year
- Set back axle – truck
- Trailer towing provision at end of frame with SAE J560
- Left-hand primary steering location

ITEM # 1 – CURRENT MODEL YEAR OR NEWER M2 106 FREIGHTLINER CHASSIS WITH ALTEC DM47E HYDRAULIC DERRICK DIGGER, AS SPECIFIED OR EQUAL

COMPLIANCE
YES **NO**

GENERAL SERVICE

Configuration and Operational Parameters

- Truck/Trailer Configuration
- Domicile – USA, 50 states including California and CARB opt-in states
- CARB Clean Idle Labels – Not for initial registration in CARB certification states
- Domicile: New Jersey
- Service Type – Utility/Repair/Maintenance
- Business Segment – Government
- Load Type – Fixed load commodity
- Terrain/Duty – 100% paved roads
- Road Grade – Max 8% expected grade
- Road Surface – Smooth concrete or asphalt
- Warranty – Medium truck warranty □ □

Expected Load Parameters

- Front Axle Load – 14,600 lbs
- Rear Drive Axle Load – 21,000 lbs
- Gross Vehicle Weight Capacity (GVWR) – 35,600 lbs
- Gross Combination Weight – 70,000 lbs □ □

TRUCK SERVICE

- Flatbed/platform body with lift/pull device/crane
- Body manufacturer: Altec, or equal
- Expected body/payload CG height above frame: 32 in □ □

CHASSIS EQUIPMENT

- Three-piece 14 inch painted steel bumper with collapsible ends
- Front tow hooks, frame mounted
- Single license plate bumper mounting on LH side
- No mudflap brackets
- No rear mudflaps
- Fender and front of hood mounted front mudflaps
- Grade 8 threaded hex headed frame fasteners
- Exterior harnesses wrapped in abrasion tape
- Clear frame rails from back of cab to front rear suspension bracket, both rails outboard □ □

ELECTRONIC PARAMETERS

- Road Speed Limit – 74 mph
- Cruise Control Speed Limit – Matches road speed limit
- PTO Governor Ramp Rate – 250 RPM per second
- PTO Minimum RPM – 800
- Regeneration Inhibit Speed Threshold – 5 mph □ □

ITEM # 1 – CURRENT MODEL YEAR OR NEWER M2 106 FREIGHTLINER CHASSIS WITH ALTEC DM47E HYDRAULIC DERRICK DIGGER, AS SPECIFIED OR EQUAL

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
ENGINE		
<ul style="list-style-type: none"> • Cummins B6.7 280 HP @ 2400 RPM, 2600 GOV, 660 lb-ft @ 1600 RPM 	<input type="checkbox"/>	<input type="checkbox"/>
ENGINE EQUIPMENT		
General Configuration		
<ul style="list-style-type: none"> • EPA 2010 GHG 2024 / CARB 2024 ultralow NOx configuration • Standard oil pan • Engine-mounted oil check and fill • Side-of-hood air intake with firewall-mounted Donaldson air cleaner 	<input type="checkbox"/>	<input type="checkbox"/>
Electrical and Battery System		
<ul style="list-style-type: none"> • 12V 200 amp 28-SI Quadramount pad alternator with remote battery volt sense • (2) DTNA genuine flooded starting batteries, minimum 2000 CCA, 370 RC, threaded stud terminals • Battery box frame-mounted • Standard battery jumpers • Single battery box frame-mounted LH side under cab • Wire ground return for battery cables with additional frame ground return • Non-polished battery box cover • Non-essential positive load disconnect with in-cab control switch (mounted outboard of driver seat) • Positive and negative posts for jumpstart located on frame next to starter • Progressive low voltage disconnect at 12.3 volts for designated circuits 	<input type="checkbox"/>	<input type="checkbox"/>
Air and Exhaust System		
<ul style="list-style-type: none"> • Cummins turbocharged 18.7 CFM air compressor with internal safety valve • Standard mechanical air compressor governor • Air compressor discharge line • Electronic engine integral shutdown protection system • Cummins engine integral brake with variable geometry turbo (on/off) • RH outboard under-step mounted horizontal aftertreatment system with RH horizontal tailpipe • Engine aftertreatment device with automatic over-the-road regeneration and virtual regeneration request switch in cluster • Standard exhaust system length • RH standard horizontal tailpipe 	<input type="checkbox"/>	<input type="checkbox"/>
Diesel Exhaust Fluid (DEF) System		
<ul style="list-style-type: none"> • 6-gallon diesel exhaust fluid (DEF) tank • 100% DEF fill • LH medium duty standard DEF tank location • Standard DEF pump mounting • Standard DEF tank cap 	<input type="checkbox"/>	<input type="checkbox"/>

ITEM # 1 – CURRENT MODEL YEAR OR NEWER M2 106 FREIGHTLINER CHASSIS WITH ALTEC DM47E HYDRAULIC DERRICK DIGGER, AS SPECIFIED OR EQUAL

COMPLIANCE
YES **NO**

ENGINE EQUIPMENT

Cooling and Fan System

- No muffler/tailpipe shield
- Air-powered on/off engine fan clutch
- Automatic fan control with dash switch and indicator light (non-engine mounted)
- Cummins spin-on fuel filter
- Full flow oil filter
- No coolant filter
- 700 square inch aluminum radiator
- Antifreeze to -34°F, OAT (nitrite and silicate free) extended life coolant
- Gates Blue Stripe coolant hoses or equivalent
- Constant tension hose clamps for coolant hoses
- Radiator drain valve
- Lower radiator guard □ □

Heater and Starter

- Phillips-Temro 750 watt / 115 volt block heater
- Chrome engine heater receptacle mounted under LH door
- Aluminum flywheel housing
- Electric grid air intake warmer
- Delco 12V 38MT HD starter with integrated magnetic switch □ □

TRANSMISSION

Transmission Specification

- Allison 3500 RDS automatic transmission with PTO provision

Transmission Equipment

- Allison vocational package 223 for 3000/4000 product families (engine and vocation dependent)
- Neutral at stop enabled
- Driver switch input – default (no switches)
- Max engine speed for PTO engagement: 1000 RPM
- QuickFit body lighting connector at end of frame with cap
- Electronic transmission wiring to customer interface connector
- (2) customer-installed Muncie CS10 series PTOs
- PTO mounting on LH and RH sides of main transmission
- Magnetic plugs: engine drain, transmission drain, axle(s) fill and drain
- Push-button electronic shift control, dash-mounted
- Transmission prognostics enabled 2013
- Water-to-oil transmission cooler, in radiator end tank
- Transmission oil check and fill with crossover to clear LH PTO and direct mount pump
- Synthetic transmission fluid (TES-295 compliant) □ □

ITEM # 1 – CURRENT MODEL YEAR OR NEWER M2 106 FREIGHTLINER CHASSIS WITH ALTEC DM47E HYDRAULIC DERRICK DIGGER, AS SPECIFIED OR EQUAL

COMPLIANCE
YES **NO**

FRONT AXLE AND EQUIPMENT

Front Axle

- Detroit DA-F-14.7-3 14,700 lb FF1 front axle, 71.5 KPI / 3.74 drop
- Meritor 16.5 x 5 Q+ cast spider cam front brakes, double anchor, fabricated shoes
- Non-asbestos front brake lining
- ConMet cast iron front brake drums
- Front oil seals
- Vented front hub caps with window, center and side plugs (oil)
- Standard spindle nuts for all axles
- Meritor automatic front slack adjusters
- TRW TAS-85 power steering
- Power steering pump
- 2-quart see-through power steering reservoir
- Synthetic 75W-90 front axle lube (current availability)

FRONT SUSPENSION

- 14,600 lb taperleaf front suspension
- Maintenance-free rubber bushings
- Front shock absorbers

REAR AXLE AND EQUIPMENT

Rear Axle

- Meritor RS-23-160 23,000 lb R-series single rear axle
- 6.14 rear axle ratio
- Iron rear axle carrier with standard axle housing
- MXL 176T Meritor extended lube main driveline with half-round yokes
- Driver-controlled traction differential (single rear axle)
- Driver-controlled differential lock rear valve for single drive axle
- Indicator light for each differential lockout switch
- Meritor 16.5 x 7 Q+ cast spider cam rear brakes, double anchor, fabricated shoes
- Non-asbestos rear brake lining
- Brake cams and chambers on forward side of drive axle(s)
- ConMet cast iron rear brake drums
- Rear oil seals
- WABCO Tristop D longstroke spring parking chambers (1-drive axle)
- Meritor automatic rear slack adjusters
- Synthetic 75W-90 rear axle lube (current availability)

REAR SUSPENSION

- 23,000 lb, 52-inch variable rate multi-leaf spring rear suspension with leaf spring

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COMPLIANCE
YES **NO**

HELPER SUSPENSION

- Spring suspension with 1.00" axle spacer
- Standard axle seats in axle clamp group

BRAKE SYSTEM

- Air brake package
- WABCO 4S/4M ABS with traction control and ATC shut-off switch
- Reinforced nylon, fabric braid, and wire braid chassis air lines
- Fiber braid parking brake hose
- Standard brake system valves
- Standard air system pressure protection system
- Standard U.S. front brake valve
- Relay valve with 5–8 PSI crack pressure, no rear proportioning valve
- WABCO System Saver HP with integral air governor and heater
- Air dryer mounted under hood
- Steel air brake reservoirs mounted inside rail
- BW DV-2 auto drain valve with heater (wet tank); petcocks on all others

TRAILER CONNECTIONS

- No trailer air hose
- No air hose hanger
- Air connections to end of frame with glad hands for truck, no dust covers
- Primary connector/receptacle wired for combination stop/turn, center pin powered through ignition, with stop signal prewire package
- SAE J560 7-way primary trailer cable receptacle mounted at end of frame
- No trailer electrical cable

WHEELBASE & FRAME

Dimensions and Specifications

- 4825 mm (190 inch) wheelbase
- 7/16 x 3-9/16 x 11-1/8 inch steel frame (11.11 mm x 282.6 mm / 0.437 x 11.13 inch), 120 KSI
- 1900 mm (75 inch) rear frame overhang
- Frame overhang range: 71 to 80 inches
- Calculated back of cab to rear suspension centerline (CA): 124.41 in
- Calculated effective CA: 121.41 in
- Calculated frame length – overall: 303.74 in
- Calculated frame space LH side: 88.85 in
- Calculated frame space RH side: 90.94 in
- Calculated space available for deckplate: 0.0 in

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COMPLIANCE
YES **NO**

WHEELBASE & FRAME

Frame Configuration

- Square end of frame
 - Front closing crossmember
 - Standard weight engine crossmember
 - Crossmember flush with back of cab
 - Standard midship #1 crossmember(s)
 - Standard rearmost crossmember
 - Standard suspension crossmember
-

TIRES, HUBS, AND WHEELS

Tires

- Michelin X Works Z 315/80R22.5 20-ply radial front tires
 - Michelin XDS2 11R22.5 16-ply radial rear tires
-

Hubs

- ConMet PreSet Plus premium iron front hubs
 - ConMet PreSet Plus premium iron rear hubs
-

Wheels

- Accuride 29039 22.5 x 9.00 10-hub pilot 5.25 inset 5-hand steel disc front wheels
 - Accuride 28828 22.5 x 8.25 10-hub pilot 2-hand HD steel disc rear wheels
 - Front and rear wheel mounting nuts
 - Nylon wheel guards (front and rear, all interfaces)
-

Hi-Visibility Green wheel nut indicators to be installed on all wheels

One (1) complete rear tire set – hub and rim

One (1) complete front tire set – hub and rim

FUEL TANKS

- 50 gallon (189 liter) short rectangular aluminum fuel tank – LH
 - Rectangular fuel tank(s)
 - Plain aluminum/painted steel fuel/hydraulic tank(s) with painted bands
 - Fuel tank(s) forward
 - Plain step finish
 - Fuel tank cap(s)
 - Detroit fuel/water separator with water-in-fuel sensor and hand primer
 - Equiflo inboard fuel system
 - High temperature reinforced nylon fuel line
-

ITEM # 1 – CURRENT MODEL YEAR OR NEWER M2 106 FREIGHTLINER CHASSIS WITH ALTEC DM47E HYDRAULIC DERRICK DIGGER, AS SPECIFIED OR EQUAL

COMPLIANCE
YES **NO**

CAB EXTERIOR

Cab Design and Construction

- 106" BBC flat roof aluminum conventional cab
- Rubber cab mounts
- Fiberglass hood with tunnel/firewall liner

Exterior Components and Trim

- Non-removable bug screen mounted behind grille
- Hood-mounted chromed plastic grille
- Chrome hood-mounted air intake grille
- LH and RH exterior grab handles with single rubber insert

Horns and Mounts

- Single 14" round Hadley air horn (under LH deck)
- Single electric horn
- Rear license plate mount (end of frame)

Lighting and Signals

- Integral headlight/marker assembly with chrome bezel
- LED aerodynamic marker lights
- Headlights on with wipers (no daytime running lights)
- Integral LED stop/tail/back-up lights
- Standard front turn signal lamps

Wiring Provisions

- Switch, indicator light, and ~10 feet of wire on chassis RH back of cab

MIRRORS AND WINDOWS

Mirrors

- Dual West Coast bright finish heated mirrors with LH and RH remote
- Door-mounted mirrors
- LH and RH 8" bright finish convex mirrors mounted below primary mirrors
- 102" equipment width
- RH aftertreatment system cab access with plain diamond plate cover

Windows and Visibility

- Composite exterior sun visor
- 63" x 14" tinted rear window
- Tinted door glass (LH and RH) with tinted operating wing windows
- RH and LH electric-powered windows
- One-piece solar green glass windshield
- 2-gallon windshield washer reservoir with fluid level indicator (frame mounted)

Lighting Provisions

- Provision for customer-furnished utility light(s)

ITEM # 1 – CURRENT MODEL YEAR OR NEWER M2 106 FREIGHTLINER CHASSIS WITH ALTEC DM47E HYDRAULIC DERRICK DIGGER, AS SPECIFIED OR EQUAL

COMPLIANCE
YES **NO**

CAB INTERIOR

Trim and Materials

- Professional trim package
- Mist and carbon cloth interior ("Professional")
- Carbon with base black accent
- Molded door panels (plastic)
- Black mats with single insulation

Storage and Convenience

- LH and RH door storage pockets (integrated)
- Forward roof-mounted console
- (1) 12V outlet, (1) dash-mounted dual USB-C outlet
- (2) cup holders (LH and RH dash)

Dashboard and Controls

- M2/SD dash layout
- Digital alarm clock (in driver display)
- Adjustable tilt and telescoping steering column
- 4-spoke 18" black steering wheel with integrated switches
- Driver and passenger interior sun visors

Climate and Insulation

- Heater, defroster, and air conditioner
- Main HVAC controls with recirculation switch
- Standard HVAC ducting
- Valeo heavy duty A/C refrigerant compressor
- Binary control (R-134A refrigerant)
- Standard heater plumbing with ball shutoff valves (supply lines only)
- Premium insulation

Electrical and Safety Features

- Solid-state circuit protection and fuses
- 12V negative ground electrical system
- Premium LED cab lighting
- Remote keyless entry with (2) transmitters
- All units keyed alike (key code FT1007)
- Total key quantity: 6
- LH and RH electric door locks
- Triangular reflectors (no flares)
- No mattress

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COMPLIANCE
YES **NO**

CAB INTERIOR

Seats

- Premium Isringhausen high-back air suspension driver seat:
 - 2 air lumbar, cushion extension, tilt, adjustable shock
- Premium Isringhausen high-back air suspension passenger seat:
 - 2 air lumbar, cushion extension, tilt, adjustable shock
- Dual armrests for driver and passenger seats
- LH and RH integral armrests (door panel)
- Black vinyl seat covers (driver and passenger)
- Black seat belts □ □

Emergency Equipment

- 5 lb fire extinguisher □ □
- First aid kit □ □

INSTRUMENTS AND CONTROLS

- Electronic accelerator control
- No instrument panel-driver
- Configurable upper panel with integrated lower storage
- Engine remote interface with park brake and neutral interlocks
- Bright argent finish gauge bezels
- Low air pressure indicator light and audible alarm
- Dual needle primary and secondary air pressure gauge
- Intake mounted air restriction indicator without graduations
- Automatic self-adjusting backup alarm (87–112 dB)
- Electronic cruise control with steering wheel controls
- Key operated ignition switch with 4-position (off/run/start/accessory)
- Premium instrument cluster with 5.0" TFT color display
- Digital panel lamp dimmer in driver display
- Onboard diagnostics interface connector (LH dash)
- 2" electric fuel gauge
- Engine remote interface for remote throttle
- QuickFit powertrain interface connector (under cab with caps)
- Powertrain interface connector for engine remote interface
- Prewire package for Altec module and chassis interface with BW cutout
- Electrical engine coolant temperature gauge
- 2" transmission oil temperature gauge
- Outside temperature sensor in driver message center
- Engine and trip hour meters (driver display)
- PTO controls for electric/electronic architecture
- Electric engine oil pressure gauge
- 7" B-panel touchscreen radio:
 - USB-C, Apple CarPlay, Android Auto, Bluetooth,
 - AM/FM/SXM/WB, microphone

ITEM # 1 – CURRENT MODEL YEAR OR NEWER M2 106 FREIGHTLINER CHASSIS WITH ALTEC DM47E HYDRAULIC DERRICK DIGGER, AS SPECIFIED OR EQUAL

COMPLIANCE
YES **NO**

INSTRUMENTS AND CONTROLS

- Dash mounted radio with (2) cab speakers
- Sharkfin multi-band antenna (RH roof):
 - AM/FM/weatherband, WiFi/Bluetooth, SiriusXM, GPS
- Interoperable SDAR antenna
- Standard radio wiring with steering wheel controls
- Electronic MPH speedometer with secondary KPH scale (no odometer)
- Standard vehicle speed sensor
- Electronic 3000 RPM tachometer
- Detroit Connect platform hardware
- Daimler Connectivity base package – 3 years (Cummins)
- (2) TMC RP1226 accessory connectors: behind RH dash and overhead console
- Ignition switch-controlled engine stop
- (4) hardwired switches in dash, routed under cab (capped):
 - Switch 1: on/off, 20A battery
 - Switch 2: on/off, 20A battery
 - Switch 3: on/off, 20A ignition
 - Switch 4: on/off, 20A battery
- Overhead-mounted lanyard control for air horn
- BW tractor protection valve
- Trailer hand control brake valve
- Digital voltage display (driver display)
- Electric windshield wiper motor with delay
- Rotary headlamp switch with fog/road lamp pull-out
- Two-valve parking brake system with warning indicator
- Self-canceling turn signal switch with headlamp flash, wash/wipe/intermittent
- Electronic turn signal flasher (40A capacity) □ □

DESIGN AND COLOR

- Paint: one solid color
- Cab color A: L0006EY White Elite EY
- Black, high solids polyurethane chassis paint
- Powder white (N0006EA) front wheels/rims
- Powder white (N0006EA) rear wheels/rims
- Bumper paint: FP24812 Argent Silver Dupont Flex
- Sunvisor painted same as cab color A
- Standard e-coat/undercoating □ □

ITEM # 1 – CURRENT MODEL YEAR OR NEWER M2 106 FREIGHTLINER CHASSIS WITH ALTEC DM47E HYDRAULIC DERRICK DIGGER, AS SPECIFIED OR EQUAL

COMPLIANCE
YES **NO**

MISCELLANEOUS

- 12-month access to derrick safety and performance insights via web browser with configurable email/text notifications (non-transferable, non-refundable; terms and exclusions apply)
- Radio remote controls
- Stanley pole tamper
- Seabee pole puller assembly
- 4-Corner-mounted strobe light
- TLME warranty – 5 years

WARRANTY

- Cummins B6.7 HD1 MD DTY engine (CARB compliant):
 - 5 years / 100,000 miles / 161,000 km extended warranty
- Allison 3500 RDS series transmission: 5 years / unlimited miles extended warranty
- Towing coverage: 5 years / unlimited miles/km (maximum reimbursement \$750)
- General warranty: 1 year parts, 1 year labor, 90 days travel
- Limited lifetime structural warranty

OPTIONS

1A. Diagnostic Tools / Test Equipment

Cummins Quickserv Unlimited Service plan, with renewals, shall be provided at no cost to the county for a period of five (5) years from the acceptance of the equipment"

1. Successful bidder may be required to supply between one (1) to three (3) complete sets of OEM test/diagnostic/ programming equipment (i.e. laptop, software, cabling, and adapters) and special tools required to perform the full range of diagnostic and maintenance actions necessary to maintain vehicle operability. This equipment will cover the vehicle chassis, engine, transmission, brakes, hydraulics, and all additional equipment (if applicable)
2. All laptop computers will be of the newest available technology and have sufficient storage and memory to operate all required software.
3. Provide a list of all test/diagnostic/programming equipment and special tools being supplied at the time of bid.
4. All software installations and activations will be completed by the successful bidder at no cost to the County.
5. All software updates and renewal will be provided at no cost to the County for a period of five (5) years from the acceptance of the equipment.
6. All technical issues relating to test/diagnostic/programming equipment and special tools shall be resolved by the successful bidder at no cost to the County for a period of five (5) years from the acceptance of the equipment.
7. Training shall be provided on all items in this section at a County location.

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COMPLIANCE
YES **NO**

OPTIONS

1B. Two-Way Radio Power and Wiring Requirements for New Vehicles

For the purpose of installing two-way radios into new County vehicles and equipment, the following power and wiring components shall be included:

1. #12 AWG RED wire connected to 12VDC Battery Source rated at 20 Amps.
2. #12 AWG BLACK wire connected to chassis ground.
3. #16 AWG YELLOW wire connected to 12VDC Ignition Sense rated at 5 Amps.

These wires shall be encased in plastic wire loom and routed from their source into the cab of the vehicle and secured in the vicinity of the operator. The wiring harness shall be clearly labeled “TWO-WAY RADIO”. The wires shall be unterminated. The 12VDC sources shall be protected from making contact with grounded metal surfaces

1C. Installation of County Supplied Two Way Radio and Accessories

Install is to include but not limited to antenna cable, mounts, speakers, brackets, etc. For the purpose of installing two-way radios into new County vehicles and equipment, the following power and wiring components shall be included:

1. #12 AWG RED wire connected to 12VDC Battery Source rated at 20 Amps.
2. #12 AWG BLACK wire connected to chassis ground.
3. #16 AWG YELLOW wire connected to 12VDC Ignition Sense rated at 5 Amps.

These wires shall be encased in plastic wire loom and routed from their source into the cab of the vehicle. The wiring harness shall be clearly labeled “TWO-WAY RADIO”. The 12VDC sources shall be protected from making contact with grounded metal surfaces.

1D. Technical Support

Technical Support is to be provided by factory authorized technical representatives and is to be the original equipment Manufacturer’s industry standard technical presentation in a classroom setting"

Technical support may be requested in the following areas:

1. Engine (cooling, fuel, ignition, lubrication systems) – 1 day at each location.
2. Transmission – 1 day at each location
3. Electrical – 1 day at each location
4. Brakes – 1 day at each location
5. Hydraulic system (dump body, spreader, snow plow) – 1 day at each location
6. Upfitter (dump body, sweeper, etc.) – 1 day at each location

ITEM # 1 – CURRENT MODEL YEAR OR NEWER M2 106 FREIGHTLINER CHASSIS WITH ALTEC DM47E HYDRAULIC DERRICK DIGGER, AS SPECIFIED OR EQUAL

COMPLIANCE
YES **NO**

OPTIONS

1D. Technical Support

A technical representative(s) shall be made available for a total of 180 training/support hours (anticipated to be scheduled in six (6) hour blocks). Shorter training days will be allowed only with consent of Vehicle Services. The total training hours will be required to be provided and no additional compensation will be considered. The actual time to be spent on each area will be by mutual agreement of the Vehicle Services Department and the successful bidder.

For the purposes of determining materials and other training costs, class size is anticipated to be comprised of six (6) to ten (10) Vehicle Services Department personnel. Actual class size will be determined by the Vehicle Services Department at the time the classes are scheduled.

Before the training is scheduled, Vehicle Services and the contractor will agree on the scope of the training, and the type and quantity of manuals, etc. that are necessary for proper coverage.

Technical Support for Vehicle Services may be provided at the following fleet maintenance facility location as scheduled by a Vehicle Services Department representative:

- a. Toms River, 152 Chestnut Street, Toms River, N.J. 08753 (Two (2) sessions will be provided at this location. One beginning at 7 am and another beginning at 1:30 pm)
- b. Manahawkin, 379 Haywood Road, Bldg. 109, Manahawkin, N.J. 08050

Technical Support for other Departments will be held at a location within Ocean County. The requesting Department will notify the successful bidder of the location.

Training at the successful bidder’s site, rather than the designated locations, will be by mutual consent only.

Technical support will be requested and scheduled on an as needed basis up to but not exceeding the 180 hours total during a period not to exceed twelve (12) months from the date of placing the last unit in service.