



*Barbara Jo Crea, Director
Gary Quinn, Deputy Director
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John P. Kelly, Commissioner
Frank Sadeghi, Commissioner*

*Tristin J. Collins, Director, Management & Budget
Jennifer L. Bowens, Purchasing Agent*

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

BID

MOTOR VEHICLE: TRUCK WITH ATTENUATOR PLATFORM

2024

***ADVERTISEMENT DATE: May 29, 2024
OPENING: June 18, 2024, 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: TRUCK WITH ATTENUATOR PLATFORM** for the County of Ocean, will be received by the Purchasing Agent of the County of Ocean on **Tuesday, June 18, 2024 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:

BARBARA JO CREA, 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: ocpurchasing@co.ocean.nj.us

Phone: [\(732\) 929-2103](tel:(732)929-2103)

Department:

Engineering

Timeline

Advertising Date	May 29, 2024
Bid Opening Date	June 18, 2024, 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, June 18, 2024.

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

For purpose of evaluation where an equivalent product is being furnished, bidder must indicate any variation to our specifications no matter how slight. If no variations are indicated, it will be construed that the bid fully complies with our specifications.

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.

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>

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/treasury/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 applies 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.

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.**

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.

Motor Vehicle Specific Scope of Work

CONTRACT TERMS

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.

SPECIFICATIONS

Detailed specifications for this bid are located in the Vendor Questionnaire under the question labeled "Compliance Pages for MOTOR VEHICLE: TRUCK WITH ATTENUATOR PLATFORM" .

INTENT

The purpose of this bid package is to provide the County of Ocean with a contractor(s) who will supply current model year, or newer Motor Vehicles as specified herein.

NO ASSIGNMENT

This agreement shall not be assigned without the written consent of the County of Ocean which consent shall not be unreasonably withheld. Assignee shall promptly prepare and complete such documents as the County shall require.

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.

OWNERSHIP DISCLOSURE

All contractors shall comply with all laws governing the disclosure of all stockholders or partners, as included in N.J.S.A. 52:25-24.2.

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.

MODIFICATIONS & WITHDRAWALS

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

EVALUATION

The quality of the equipment supplied, their conformity with the specifications, their suitability to requirements, delivery terms, guaranty clauses, price of the materials shall all be taken into consideration. Where equivalent equipment is offered, the County will determine if the proposed item is equal or better than that specified. The awards will be made on the basis of a comparison of prices of each vehicle listed with standard equipment plus the cost of optional equipment.

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.

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.

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 any request for a contract roll-over to the next model year after the passing of the vehicle manufacturer's cut-off date, at the same contract pricing, specifications, terms and conditions or better. 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 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.

Vendor Questionnaire

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

BID 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.

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

*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: TRUCK WITH ATTENUATOR PLATFORM*

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 VENDOR DOCUMENTATION

Please submit any additional information you wish to be considered as part of your bid package.

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

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

Images (jpg, png, bmp, tif)

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: TRUCK WITH ATTENUATOR PLATFORM

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Year/Mfr./Make/Model:	Warranty:	Delivery, A.R.O.:	Comments:
1	Current Model Year, or Newer, Heavy Duty Truck Cab and Chassis with Attenuator Platform, As Specified, or Equal	2	EA						
OPTIONS									
1a	TMA Upfit - Sign Shop Package, As Specified	2	EA						
1b	Upgraded LED Strobe Lighting, As Specified	2	EA						
1c	Road Department Color Scheme, As Specified	2	EA						
1d	Diagnostic Tools/Test Equipment, As Specified	3	SET						
1e	Two-Way Radio Power and Wiring Requirements for County Vehicles, As Specifed	2	EA						
1f	Installation of County Supplied Two Way Radio Requirements, As Specified	2	EA						
1g	Technical Support, As Specified	180	EA						
TOTAL									

ITEM #1 – CURRENT MODEL YEAR OR NEWER, HEAVY DUTY TRUCK CAB AND CHASSIS WITH ATTENUATOR PLATFORM, AS SPECIFIED, OR EQUAL

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Chassis</u>		
Freightliner M2-106, or Kenworth T280, as specified or equal	<input type="checkbox"/>	<input type="checkbox"/>
<u>General</u>		
Set back axle truck package with a minimum bumper-to-back-of-cab measurement of 106"	<input type="checkbox"/>	<input type="checkbox"/>
Cab to Body Clearance: 3"	<input type="checkbox"/>	<input type="checkbox"/>
Front Axle Capacity: 10,000 lbs.	<input type="checkbox"/>	<input type="checkbox"/>
Rear Axle Capacity: 16,000 lbs.	<input type="checkbox"/>	<input type="checkbox"/>
Expected GVWR Capacity: 26,000 lbs.	<input type="checkbox"/>	<input type="checkbox"/>
<u>Engine</u>		
Cummins 6.7B, minimum 260 hp at 2300 rpm and 660 lb. - ft. torque at 1600 rpm	<input type="checkbox"/>	<input type="checkbox"/>
Shall be in line 6 cylinder of parent bore design	<input type="checkbox"/>	<input type="checkbox"/>
Minimum displacement 6.7 liters	<input type="checkbox"/>	<input type="checkbox"/>
Must comply with latest Federal Mandate for Diesel Emission	<input type="checkbox"/>	<input type="checkbox"/>
Must have latest Clean Idle Emissions certification label on left-hand door	<input type="checkbox"/>	<input type="checkbox"/>
Engine mounted oil check/fill	<input type="checkbox"/>	<input type="checkbox"/>
Side of hood air intake with firewall mounted Donaldson Air Cleaner Assembly	<input type="checkbox"/>	<input type="checkbox"/>
Alternator: 160 Amp DR 28 SI with remote battery volt sense	<input type="checkbox"/>	<input type="checkbox"/>
Batteries: Two (2) 12-Volt GNB Maintenance-Free 2250 CCA	<input type="checkbox"/>	<input type="checkbox"/>
Positive load disconnect switch with control mounted next to driver's seat	<input type="checkbox"/>	<input type="checkbox"/>
Battery Box: Frame-Mounted left side under cab with jump start studs on frame next to starter	<input type="checkbox"/>	<input type="checkbox"/>
Compressor: 18.7 cfm	<input type="checkbox"/>	<input type="checkbox"/>
Discharge Line: Teflon	<input type="checkbox"/>	<input type="checkbox"/>
Engine Protection: Electronic engine-integral warning system with shut down function	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – CURRENT MODEL YEAR OR NEWER, HEAVY DUTY TRUCK CAB AND CHASSIS WITH ATTENUATOR PLATFORM, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Engine (Cont'd)</u>		
Engine Brake: Cummins Exhaust brake with on/off dash switch	<input type="checkbox"/>	<input type="checkbox"/>
Exhaust: Single right-hand under cab ATD with bright finish 10' vertical pipe	<input type="checkbox"/>	<input type="checkbox"/>
Exhaust Shield: Stainless Steel	<input type="checkbox"/>	<input type="checkbox"/>
Fan Drive: Horton frontal air on/off type	<input type="checkbox"/>	<input type="checkbox"/>
Fuel Filter: Omit primary in lieu of fuel/water separator	<input type="checkbox"/>	<input type="checkbox"/>
Oil Filter: Full Flow	<input type="checkbox"/>	<input type="checkbox"/>
Radiator: 700 in ² minimum with drain valve	<input type="checkbox"/>	<input type="checkbox"/>
Heavy Duty Coolant: -34 long life with coolant filter	<input type="checkbox"/>	<input type="checkbox"/>
Coolant Hoses: Gates Blue-Stripe	<input type="checkbox"/>	<input type="checkbox"/>
Constant Torque Clamps: Constant torque for coolant hoses 1-3" diameter	<input type="checkbox"/>	<input type="checkbox"/>
Engine Heater: Phillips 750W/115V	<input type="checkbox"/>	<input type="checkbox"/>
Chrome Heater receptacle mounted under driver's door	<input type="checkbox"/>	<input type="checkbox"/>
Air intake warmer	<input type="checkbox"/>	<input type="checkbox"/>
Starter: Mitsubishi, or equal	<input type="checkbox"/>	<input type="checkbox"/>
<u>Transmission and Equipment</u>		
Allison World RDS 2,500 six-speed electronic automatic with PTO provision	<input type="checkbox"/>	<input type="checkbox"/>
Six (6) forward gears and one (1) reverse gear	<input type="checkbox"/>	<input type="checkbox"/>
Six-speed transmission programming	<input type="checkbox"/>	<input type="checkbox"/>
Vehicle interface wiring with body builder connector back of cab	<input type="checkbox"/>	<input type="checkbox"/>
Magnetic transmission drain plug	<input type="checkbox"/>	<input type="checkbox"/>
Transmission and rear axle fill and drain plugs	<input type="checkbox"/>	<input type="checkbox"/>
Electronic transmission customer access connector firewall mounted	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – CURRENT MODEL YEAR OR NEWER, HEAVY DUTY TRUCK CAB AND CHASSIS WITH ATTENUATOR PLATFORM, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Transmission and Equipment (Cont'd)</u>		
Trans oil check and fill with electronic oil level check	<input type="checkbox"/>	<input type="checkbox"/>
PTO mounting left hand side of transmission	<input type="checkbox"/>	<input type="checkbox"/>
<u>Front Axle and Equipment</u>		
Detroit, Dana or Meritor minimum capacity of 10,000 lbs.	<input type="checkbox"/>	<input type="checkbox"/>
Front Brakes: Meritor or equal cam 15" X 5" Q+ cast spider with dust shields	<input type="checkbox"/>	<input type="checkbox"/>
Front Brake Linings: Non-Asbestos	<input type="checkbox"/>	<input type="checkbox"/>
Front Brake Drums: Conmet outboard-mounted cast iron	<input type="checkbox"/>	<input type="checkbox"/>
Front oil seals with 75W-90 Synthetic Lube	<input type="checkbox"/>	<input type="checkbox"/>
Vented front hub caps with window and side plug	<input type="checkbox"/>	<input type="checkbox"/>
Front slack adjusters: Meritor	<input type="checkbox"/>	<input type="checkbox"/>
Power steering pump: Shepherd. or equal	<input type="checkbox"/>	<input type="checkbox"/>
Power steering reservoir: 2 quart clear reservoir	<input type="checkbox"/>	<input type="checkbox"/>
Suspension bushings: maintenance free rubber bushings	<input type="checkbox"/>	<input type="checkbox"/>
Front Suspension: Taper-leaf springs rated at 12,000 lbs. minimum	<input type="checkbox"/>	<input type="checkbox"/>
Front Shock Absorbers	<input type="checkbox"/>	<input type="checkbox"/>
<u>Rear Axle and Equipment</u>		
Dana or Meritor, or equal; 16,000 lb. minimum capacity rating	<input type="checkbox"/>	<input type="checkbox"/>
Rear Axle Ratio: 6.14	<input type="checkbox"/>	<input type="checkbox"/>
Iron Rear Axle carrier housing	<input type="checkbox"/>	<input type="checkbox"/>
Main Driveline: Meritor 17T extended lube with half round yokes	<input type="checkbox"/>	<input type="checkbox"/>
Lubrication: synthetic based lubricant TES-295 in transmission and 75W-90 in axles	<input type="checkbox"/>	<input type="checkbox"/>
Rear Brakes: Meritor, or equal cam 16.5" X 7" Q+ cast spider heavy duty with dust shields	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – CURRENT MODEL YEAR OR NEWER, HEAVY DUTY TRUCK CAB AND CHASSIS WITH ATTENUATOR PLATFORM, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Rear Axle and Equipment (Cont'd)</u>		
Rear Axle Brake Linings: non-asbestos	<input type="checkbox"/>	<input type="checkbox"/>
Rear Brake Drums: Conmet outboard-mounted cast iron	<input type="checkbox"/>	<input type="checkbox"/>
Rear Axle Oil Seals with 75W-90 synthetic lube	<input type="checkbox"/>	<input type="checkbox"/>
Parking brake chambers: Wabco Tri-Stop D longstroke forward mounted on drive axle, or equal	<input type="checkbox"/>	<input type="checkbox"/>
Rear Axle Slack Adjusters: Meritor Automatic or Bendix	<input type="checkbox"/>	<input type="checkbox"/>
Rear Suspension: 16,000 lb. vari-rate multi leaf or taperleaf	<input type="checkbox"/>	<input type="checkbox"/>
<u>Brake System Equipment</u>		
Full Air Brake Package	<input type="checkbox"/>	<input type="checkbox"/>
Anti-Lock Brake System: Wabco, or equal, Four-Channel, 4-Sensor/4 Modulator, without traction control enhancement	<input type="checkbox"/>	<input type="checkbox"/>
Chassis Airlines: Reniforced nylon, fabric braid and wire braid depending on location	<input type="checkbox"/>	<input type="checkbox"/>
Brake relay valve with 5-8 psi crack pressure	<input type="checkbox"/>	<input type="checkbox"/>
Wabco SS-1200 or Bendix heated air dryer mounted on frame or under hood	<input type="checkbox"/>	<input type="checkbox"/>
Aluminum Air Reservoir	<input type="checkbox"/>	<input type="checkbox"/>
Pull cables on all air tank drain valves	<input type="checkbox"/>	<input type="checkbox"/>
Quick disconnect fitting with 40' of 200 psi hose for tire inflation	<input type="checkbox"/>	<input type="checkbox"/>
<u>Frame and Wheelbase</u>		
Wheelbase: 204"	<input type="checkbox"/>	<input type="checkbox"/>
Cab-to-Axle: 138"	<input type="checkbox"/>	<input type="checkbox"/>
Frame: Single 2,592,000 RBM, 7/16" X 3 9/16" X 11 1/8" heat treated steel	<input type="checkbox"/>	<input type="checkbox"/>
120,000 psi yield strength minimum	<input type="checkbox"/>	<input type="checkbox"/>
Rear overhang: 90" or adequate amount to allow body installer to cut any excess back to a custom measurement for installation of body. No body installations requiring the addition of rear frame beyond factory standard shall be accepted. Bidder shall provide unladen frame height and dock height with body mounted	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – CURRENT MODEL YEAR OR NEWER, HEAVY DUTY TRUCK CAB AND CHASSIS WITH ATTENUATOR PLATFORM, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Frame and Wheelbase (Cont'd)</u>		
Square-cut end of frame	<input type="checkbox"/>	<input type="checkbox"/>
Rear suspension cross member: standard heavy-duty C-Channel	<input type="checkbox"/>	<input type="checkbox"/>
<u>Chassis Equipment</u>		
Fender and front of hood mounted front mud flaps	<input type="checkbox"/>	<input type="checkbox"/>
Front two (2) hooks frame mounted	<input type="checkbox"/>	<input type="checkbox"/>
Front license plate bracket included	<input type="checkbox"/>	<input type="checkbox"/>
Heavy duty steel bumper	<input type="checkbox"/>	<input type="checkbox"/>
Grade 8 threaded hex chassis fasteners	<input type="checkbox"/>	<input type="checkbox"/>
<u>Fuel Tanks and Equipment</u>		
Left hand fuel tank, 50-gallon, short must be constructed of aluminum	<input type="checkbox"/>	<input type="checkbox"/>
Rectangular Fuel Tank forward mounted under cab with standard, non-locking tank cap	<input type="checkbox"/>	<input type="checkbox"/>
Plain fuel tank and band finish	<input type="checkbox"/>	<input type="checkbox"/>
Fuel/Water Separator: 12 volt pre heater with heated bowl. Water in Fuel Sensor and primer pump	<input type="checkbox"/>	<input type="checkbox"/>
Equiflo inboard fuel supply and return system to maintain constant fuel temperature with fuel cooler	<input type="checkbox"/>	<input type="checkbox"/>
Nylon fuel hoses	<input type="checkbox"/>	<input type="checkbox"/>
<u>Front Tires, Hubs and Wheels</u>		
Michelin XZE 11R22.5 14 Ply	<input type="checkbox"/>	<input type="checkbox"/>
Conmet Iron Front Hubs	<input type="checkbox"/>	<input type="checkbox"/>
Accuride 28828 2-hand 10-bolt hub-pilot 22.5" X 8.25" steel disc wheels in white	<input type="checkbox"/>	<input type="checkbox"/>
Front Wheel Nuts Metform 1.30" Hub-pilot	<input type="checkbox"/>	<input type="checkbox"/>
Loose lug nut indicators; green high visibility	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – CURRENT MODEL YEAR OR NEWER, HEAVY DUTY TRUCK CAB AND CHASSIS WITH ATTENUATOR PLATFORM, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Rear Tires, Hubs and Wheels</u>		
Michelin XDN2 11R22.5 14 Ply	<input type="checkbox"/>	<input type="checkbox"/>
Conmet Iron Front Hubs	<input type="checkbox"/>	<input type="checkbox"/>
Accuride 28828 2-hand 10-bolt hub-pilot 22.5" X 8.25" steel disc wheels in white	<input type="checkbox"/>	<input type="checkbox"/>
Rear Wheel Nuts Metform 1.30" Hub-pilot with flat flange	<input type="checkbox"/>	<input type="checkbox"/>
<u>Cab Exterior</u>		
106" BBC conventional aluminum cab with one-piece 2,500 sq. in. windshield	<input type="checkbox"/>	<input type="checkbox"/>
Adjustable doors with concealed hinges, flush paddle-type door handles	<input type="checkbox"/>	<input type="checkbox"/>
Fiberglass hood and split fenders with splash shields that lift away from the engine compartment when hood is tilted	<input type="checkbox"/>	<input type="checkbox"/>
Entry and egress shall be made via a 3-point system consisting of self-cleaning non-slip steps and a minimum of two (2) grab handles on each side for the operator and passengers to utilize, one on the inside of the door and one on the cab exterior to the rear of the door	<input type="checkbox"/>	<input type="checkbox"/>
Steps shall be a minimum of 4" wide and the grab handles must be large enough to be safely grasped by someone wearing heavy-duty work gloves	<input type="checkbox"/>	<input type="checkbox"/>
Total cab dimensions shall not be less than 80.75" wide outside and 56.5" from floor to roof inside	<input type="checkbox"/>	<input type="checkbox"/>
Cabs with raised or bubble roofs are not acceptable	<input type="checkbox"/>	<input type="checkbox"/>
Left and right doors with 70° door stop	<input type="checkbox"/>	<input type="checkbox"/>
Air Cab mounts	<input type="checkbox"/>	<input type="checkbox"/>
Left and right cab mounted grab handles with rubber insert	<input type="checkbox"/>	<input type="checkbox"/>
Stationary grille molded in color with non-removable bug screen	<input type="checkbox"/>	<input type="checkbox"/>
Fiberglass hood	<input type="checkbox"/>	<input type="checkbox"/>
Tunnel/Firewall liner	<input type="checkbox"/>	<input type="checkbox"/>
Exterior composite sun visor	<input type="checkbox"/>	<input type="checkbox"/>
Single under deck air horn	<input type="checkbox"/>	<input type="checkbox"/>
Single horn shields	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – CURRENT MODEL YEAR OR NEWER, HEAVY DUTY TRUCK CAB AND CHASSIS WITH ATTENUATOR PLATFORM, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Cab Exterior (Cont'd)</u>		
Dual electronic horns	<input type="checkbox"/>	<input type="checkbox"/>
Six (6) sets of keys for all locks; all locks keyed the same	<input type="checkbox"/>	<input type="checkbox"/>
Single halogen headlights	<input type="checkbox"/>	<input type="checkbox"/>
Aerodynamic LED marker lights	<input type="checkbox"/>	<input type="checkbox"/>
LED stop/tail/turn lamps at end of frame	<input type="checkbox"/>	<input type="checkbox"/>
One set of turn signals mounted in headlight cluster	<input type="checkbox"/>	<input type="checkbox"/>
Primary Mirrors: Dual west coast bright finish with left hand and right hand remote with heater	<input type="checkbox"/>	<input type="checkbox"/>
Mirror Mounting: mirrors mounted on doors with right hand lower door Fresnel lens	<input type="checkbox"/>	<input type="checkbox"/>
Mirror Width: 102"	<input type="checkbox"/>	<input type="checkbox"/>
Auxiliary mirrors: 8" convex bright finish mounted under primary mirrors on both sides	<input type="checkbox"/>	<input type="checkbox"/>
Hood mounted left hand and right hand 8" tripod stainless steel auxiliary mirrors	<input type="checkbox"/>	<input type="checkbox"/>
Tinted 63" X 14" rear safety glass window	<input type="checkbox"/>	<input type="checkbox"/>
Tinted with lowered bottom beltline door windows for increased sideward visibility and operating wing windows on left hand and right hand side	<input type="checkbox"/>	<input type="checkbox"/>
Left hand and right hand electric door window regulators	<input type="checkbox"/>	<input type="checkbox"/>
Tinted and heated windshield glass	<input type="checkbox"/>	<input type="checkbox"/>
8 liter windshield washer reservoir with fluid level indicator	<input type="checkbox"/>	<input type="checkbox"/>
<u>Cab Interior</u>		
Two (2) cup holders, left/right dash mounted	<input type="checkbox"/>	<input type="checkbox"/>
Ash tray and lighter dash mounted	<input type="checkbox"/>	<input type="checkbox"/>
Interior convenience package	<input type="checkbox"/>	<input type="checkbox"/>
Upper door trim: Left and right molded door panels with lower aluminum kickplate panel	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – CURRENT MODEL YEAR OR NEWER, HEAVY DUTY TRUCK CAB AND CHASSIS WITH ATTENUATOR PLATFORM, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Cab Interior (Cont'd)</u>		
Map pockets: Forward roof mounted console with upper storage compartments, and center compartment	<input type="checkbox"/>	<input type="checkbox"/>
Dash mounted 12 Volt power supply	<input type="checkbox"/>	<input type="checkbox"/>
Smart switch expansion module	<input type="checkbox"/>	<input type="checkbox"/>
Air conditioning	<input type="checkbox"/>	<input type="checkbox"/>
Main heater/vent control: Main HVAC with recirculation switch	<input type="checkbox"/>	<input type="checkbox"/>
HVAC ducting with snow shield for fresh air intake	<input type="checkbox"/>	<input type="checkbox"/>
Heater plumbing: standard without shut off valves	<input type="checkbox"/>	<input type="checkbox"/>
A/C Compressor shall be compact HD	<input type="checkbox"/>	<input type="checkbox"/>
A/C Condenser shall be radiator mounted	<input type="checkbox"/>	<input type="checkbox"/>
A/C Plumbing: binary control with R134A refrigerant	<input type="checkbox"/>	<input type="checkbox"/>
Premium cab insulation package	<input type="checkbox"/>	<input type="checkbox"/>
12 Volt negative ground electrical system	<input type="checkbox"/>	<input type="checkbox"/>
Interior lights: shall be center-mounted dome light and cab entry courtesy lamps mounted in door kick panels, forward roof mounted console	<input type="checkbox"/>	<input type="checkbox"/>
Cab door locks shall be electric and on both left hand and right hand sides	<input type="checkbox"/>	<input type="checkbox"/>
Premium high back air-suspension driver's seat with three (3) chamber air lumbar support, integrated cushion extension, forward and rear cushion tilt adjustable shock absorber and dual arm rests	<input type="checkbox"/>	<input type="checkbox"/>
Two (2) person passenger seat with tool box	<input type="checkbox"/>	<input type="checkbox"/>
Vinyl driver's seat cover	<input type="checkbox"/>	<input type="checkbox"/>
Seat belts: 3-point adjustable d-ring retractor for outboard seating positions, 2-point center	<input type="checkbox"/>	<input type="checkbox"/>
Tilt and telescopic steering column	<input type="checkbox"/>	<input type="checkbox"/>
18" four-spoke steering wheel	<input type="checkbox"/>	<input type="checkbox"/>
Standard driver's and passengers' interior sun visors	<input type="checkbox"/>	<input type="checkbox"/>
First aid kit	<input type="checkbox"/>	<input type="checkbox"/>
5 lb. Fire Extinguisher	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – CURRENT MODEL YEAR OR NEWER, HEAVY DUTY TRUCK CAB AND CHASSIS WITH ATTENUATOR PLATFORM, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Cab Interior (Cont'd)</u>		
Triangular Reflector Kit	<input type="checkbox"/>	<input type="checkbox"/>
<u>Instrument Panel and Controls</u>		
Electronic gauge package with gauges finished in black	<input type="checkbox"/>	<input type="checkbox"/>
Woodgrain flat gauge insert area for the drive instrument panel and dash center panel	<input type="checkbox"/>	<input type="checkbox"/>
Low air pressure warning shall be light and buzzer type	<input type="checkbox"/>	<input type="checkbox"/>
2" primary and secondary air system pressure gauges	<input type="checkbox"/>	<input type="checkbox"/>
Air restriction indicator shall be intake mounted with graduations	<input type="checkbox"/>	<input type="checkbox"/>
Cruise control shall be left-hand dash mounted switch panel	<input type="checkbox"/>	<input type="checkbox"/>
Starter control shall be key controlled NO push button	<input type="checkbox"/>	<input type="checkbox"/>
Driver information center shall include LCD odometer, trip odometer, hour meter, voltmeter, and diagnostic indicator in combination with 28 LED warning lamps	<input type="checkbox"/>	<input type="checkbox"/>
Diagnostic interface connector shall include 9-pin SAE J1587/1708/1939 located below dash	<input type="checkbox"/>	<input type="checkbox"/>
Fuel level gauge shall be electric	<input type="checkbox"/>	<input type="checkbox"/>
Coolant temperature gauge shall be electric	<input type="checkbox"/>	<input type="checkbox"/>
Engine oil pressure gauge shall be electric	<input type="checkbox"/>	<input type="checkbox"/>
Transmission temperature and engine oil temp gauges	<input type="checkbox"/>	<input type="checkbox"/>
Hour meter shall be integral with drive display	<input type="checkbox"/>	<input type="checkbox"/>
Radio shall be AM/FM WB CD Stereo Bluetooth enabled with microphone, USB and front and rear AUX inputs	<input type="checkbox"/>	<input type="checkbox"/>
Radio shall have two (2) speakers	<input type="checkbox"/>	<input type="checkbox"/>
Power and ground studs mounted on overhead console	<input type="checkbox"/>	<input type="checkbox"/>
Radio antenna shall be roof mounted	<input type="checkbox"/>	<input type="checkbox"/>
Speedometer shall be electronic, MPH scale	<input type="checkbox"/>	<input type="checkbox"/>
Tachometer shall be electronic 3,000 RPM	<input type="checkbox"/>	<input type="checkbox"/>
Digital voltage display shall be integral with drive display	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – CURRENT MODEL YEAR OR NEWER, HEAVY DUTY TRUCK CAB AND CHASSIS WITH ATTENUATOR PLATFORM, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Instrument Panel and Controls (Cont'd)</u>		
Windshield wiper control shall be electric two-speed with variable intermittent settings, switch mounted on turn signal stalk with washer/wiper and hazard in handle	<input type="checkbox"/>	<input type="checkbox"/>
Marker light switch integral with headlight switch and terminals for customer furnished snow plow	<input type="checkbox"/>	<input type="checkbox"/>
Lights with control modules low beams off with high beams	<input type="checkbox"/>	<input type="checkbox"/>
Minimum of five (5) extra switches on dash wire routed to back of cab with indicator lights 20 amps per circuit/1 at 30 amps	<input type="checkbox"/>	<input type="checkbox"/>
Parking brake system shall include 1-valve system with warning indicator	<input type="checkbox"/>	<input type="checkbox"/>
NO trailer hand control	<input type="checkbox"/>	<input type="checkbox"/>
Turn signal switch shall be self-canceling with brake overriding stop lamps	<input type="checkbox"/>	<input type="checkbox"/>
Backup alarm	<input type="checkbox"/>	<input type="checkbox"/>
<u>Paint</u>		
One color solid	<input type="checkbox"/>	<input type="checkbox"/>
Color: School Bus Yellow	<input type="checkbox"/>	<input type="checkbox"/>
Standard design	<input type="checkbox"/>	<input type="checkbox"/>
Black polyurethane chassis color	<input type="checkbox"/>	<input type="checkbox"/>
Black bumper	<input type="checkbox"/>	<input type="checkbox"/>
Front and rear wheel color shall be white	<input type="checkbox"/>	<input type="checkbox"/>
Undercoat entire, truck, chassis and body	<input type="checkbox"/>	<input type="checkbox"/>
<u>Extended Warranty</u>		
5 Year/100,000 Mile Engine Warranty shall include turbo and injectors	<input type="checkbox"/>	<input type="checkbox"/>
5 Year/100,000 Mile After-Treatment System Warranty	<input type="checkbox"/>	<input type="checkbox"/>
7 Year Transmission Warranty	<input type="checkbox"/>	<input type="checkbox"/>
5 Year Towing	<input type="checkbox"/>	<input type="checkbox"/>
7 Year/200,000 Mile Extended Truck Coverage	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – CURRENT MODEL YEAR OR NEWER, HEAVY DUTY TRUCK CAB AND CHASSIS WITH ATTENUATOR PLATFORM, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Accessories</u>		
Complete set of all fluid filters, air filters, and belts for engine, transmission, final drives, mounted equipment, optional equipment, and all accessories that have replaceable filters	<input type="checkbox"/>	<input type="checkbox"/>
One (1) spare front tire and white rim, mounted	<input type="checkbox"/>	<input type="checkbox"/>
One (1) spare rear tire and white rim, mounted	<input type="checkbox"/>	<input type="checkbox"/>
5 Gallons of approved use hydraulic fluid	<input type="checkbox"/>	<input type="checkbox"/>
Three (3) complete sets of Chassis Manufacturers' mechanics' "shop", service and troubleshooting manuals for chassis, engine, transmission, optional equipment, mounted equipment, final drives and accessories, including hydraulics and wiring diagrams. Service manuals must be of softbound book type or CD ROM	<input type="checkbox"/>	<input type="checkbox"/>
Three (3) complete sets of Chassis Manufacturer's "shop" parts manuals for chassis and final drives, optional equipment, mounted equipment and accessories, including wiring diagrams. Parts manuals must be of softbound book type or CD ROM	<input type="checkbox"/>	<input type="checkbox"/>
One (1) set of Manufacturer's Line Setting Sheets for Chassis, mounted equipment and optional equipment per vehicle ordered	<input type="checkbox"/>	<input type="checkbox"/>
<u>Royal TMA3 Package Specifications, or Equal</u>		
All specifications listed below shall be considered "or equivalent". In any circumstance where the specification is not met and an equivalent is being offered, the bidder shall specify what is being offered and how it is equivalent or superior to these specifications. Failure to explain any variations from the bid specifications shall be cause for rejection of the bid as non-responsive. The brand of equipment specified for the intended application has been selected by Ocean County for standards of reliability, safety, and performance.		
<u>General</u>		
Custom built 18' steel flatbed with heavy duty bulkhead, LED marker lights and black non-skid deck	<input type="checkbox"/>	<input type="checkbox"/>
Two (2) low profile amber LED strobes on bulkhead, two (2) rear mounted strobes, truck mounted attenuator that meets NCHRP350 at 100 KPH (62 MPH)	<input type="checkbox"/>	<input type="checkbox"/>
Fifteen (15) LED lamp arrow board hydraulically raised and lowered	<input type="checkbox"/>	<input type="checkbox"/>
Solar panel charging system with battery cab mounted remote (solar for arrow board only)	<input type="checkbox"/>	<input type="checkbox"/>
Back up camera with 7" LCD monitor with three (3) inputs	<input type="checkbox"/>	<input type="checkbox"/>
Durable outdoor camera with audio and cables. There shall be a One (1) Year warranty on both the camera and cables	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – CURRENT MODEL YEAR OR NEWER, HEAVY DUTY TRUCK CAB AND CHASSIS WITH ATTENUATOR PLATFORM, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Royal TMA3 Package Specifications, or Equal (Cont'd)</u>		
<u>General (Cont'd)</u>		
Two (2) 33" wide man buckets with steps, heavy duty lids, swing gates, props and adjustable safety hoop	<input type="checkbox"/>	<input type="checkbox"/>
Eight (8) additional LED work lights, six (6) under bed, two (2) on bulkhead	<input type="checkbox"/>	<input type="checkbox"/>
Custom fabricated 36" high removable racks, powder coated yellow	<input type="checkbox"/>	<input type="checkbox"/>
<u>Body</u>		
Heavy duty custom built steel flatbed body 18' long with 54" high bulkhead	<input type="checkbox"/>	<input type="checkbox"/>
LED marker lights	<input type="checkbox"/>	<input type="checkbox"/>
Center compartment for addition of concrete ballast to weigh and balance axles based on NCHRP Report 350	<input type="checkbox"/>	<input type="checkbox"/>
Painted black with non-skid on deck	<input type="checkbox"/>	<input type="checkbox"/>
Weather tight electrical junction box and backup safety alarm	<input type="checkbox"/>	<input type="checkbox"/>
<u>Strobe Lighting</u>		
Two (2) low-profile amber LED strobes mounted to corners of bulkhead and two (2) rear mounted amber LED strobe lights wired to OEM switch on dashboard	<input type="checkbox"/>	<input type="checkbox"/>
Eight (8) LED adjustable work lights, Three (3) each evenly spaced on driver and passenger side of flatbed and two (2) mounted to top of bulkhead controlled by OEM switches on dash	<input type="checkbox"/>	<input type="checkbox"/>
<u>Man Buckets</u>		
Install two (2) 33" wide single man buckets. One (1) shall be on the driver's side and one (1) shall be on the passenger side of the body with steps, heavy duty lids, props, and sliding safety rails	<input type="checkbox"/>	<input type="checkbox"/>
Shall also come with swing gates in the body racks	<input type="checkbox"/>	<input type="checkbox"/>
<u>Attenuator Specifications</u>		
TraFFix Scorpion Model C, or equal shall be installed on chassis with control located in cab	<input type="checkbox"/>	<input type="checkbox"/>
TL-3 Device that is 100 KPH (62 MPH) Truck Mounted Attenuator with hydraulic motor cylinders and supports TMA unit, one (1) mounting plate, hard wired from battery with fuse and power switch	<input type="checkbox"/>	<input type="checkbox"/>
Strut section in addition to TL-2 cartridge section	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – CURRENT MODEL YEAR OR NEWER, HEAVY DUTY TRUCK CAB AND CHASSIS WITH ATTENUATOR PLATFORM, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Attenuator Specifications (Cont'd)</u>		
Rear cartridge section has hinged hydraulic coupling with fluid on both sides of the cylinders and solenoid valve lockouts	<input type="checkbox"/>	<input type="checkbox"/>
Rear cartridge can be raised to 90° where a scissor lock engages to lock the cartridge in position	<input type="checkbox"/>	<input type="checkbox"/>
Operator's switch has an up and down button where the down button releases the lockout and lowers the cartridge. Release of the button at any time will stop the cartridge at that angle	<input type="checkbox"/>	<input type="checkbox"/>
Uses a 90° hydraulic tilt attached to the strut allowing the system to raise the strut to the vertical position with the cartridge in a horizontal position over the top of the truck for the normal transport mode	<input type="checkbox"/>	<input type="checkbox"/>
A steel back-up is attached to the rear of the truck with an all steel support structure	<input type="checkbox"/>	<input type="checkbox"/>
All aluminum tube frame extends out 13' from the back-up	<input type="checkbox"/>	<input type="checkbox"/>
Inside the tube frame shall be a series of four (4) aluminum boxes filled with energy absorbing aluminum honeycomb	<input type="checkbox"/>	<input type="checkbox"/>
Back-up support shall be comprised of all steel angles, plates and c-channels welded using wire feed mig welding	<input type="checkbox"/>	<input type="checkbox"/>
Tube frame construction uses all aluminum tube and plate construction welded using wire feed mig welding on both sides of the tube/plate interface	<input type="checkbox"/>	<input type="checkbox"/>
Aluminum boxes shall use closed end sealing rivets for joining the sheet metal	<input type="checkbox"/>	<input type="checkbox"/>
Aluminum honeycomb shall be joined to the aluminum face sheets using oven cured epoxy resin	<input type="checkbox"/>	<input type="checkbox"/>
Aluminum tubing shall be 6063 Aluminum T4	<input type="checkbox"/>	<input type="checkbox"/>
Aluminum plate shall be 5052 Aluminum 0.250"	<input type="checkbox"/>	<input type="checkbox"/>
Aluminum sheet shall be 5052 Aluminum 0.062"	<input type="checkbox"/>	<input type="checkbox"/>
Aluminum honeycomb shall be commercial grade 1" and ½" cell size	<input type="checkbox"/>	<input type="checkbox"/>
Aluminum rivets 3/16"	<input type="checkbox"/>	<input type="checkbox"/>
Sealed back up bolts 1" and ¾" bolts grade #5	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – CURRENT MODEL YEAR OR NEWER, HEAVY DUTY TRUCK CAB AND CHASSIS WITH ATTENUATOR PLATFORM, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Arrow Board</u>		
New 15-Lamp All LED Arrow Board on vertical telescopic mount, hydraulically raised and lowered, solar panel charging system with dedicated battery and cab mounted control	<input type="checkbox"/>	<input type="checkbox"/>
Install telescoping arrow board at rear of body mounted to deck and install solar panel to bulkhead	<input type="checkbox"/>	<input type="checkbox"/>
Arrow lift control shall be located in cab	<input type="checkbox"/>	<input type="checkbox"/>
<u>Backup Camera System</u>		
7" LCD Monitor with audio and 3 video inputs, 420TVL Sony camera with audio	<input type="checkbox"/>	<input type="checkbox"/>
18 IR illumination IP69K rated, 600TVL Hi-Res Sony camera with audio 28IR Illumination, with cables	<input type="checkbox"/>	<input type="checkbox"/>
Install rear facing camera and monitor to TMA truck	<input type="checkbox"/>	<input type="checkbox"/>
Shall have a 1 year warranty	<input type="checkbox"/>	<input type="checkbox"/>
<u>Racks</u>		
Custom fabricate 36" high removable racks, powder coated yellow with swing gates for access to man buckets	<input type="checkbox"/>	<input type="checkbox"/>
<u>Over Cab Barrel Racks</u>		
Custom fabricated steel tubing barrel rack capable of holding up to 60 standard barrels to free up valuable deck allowing easier transport of equipment	<input type="checkbox"/>	<input type="checkbox"/>
Requires 10,000 lb front axle and heavy duty front bumper	<input type="checkbox"/>	<input type="checkbox"/>
<u>Sign Cage</u>		
4' X 8' sign cage to fit under folded attenuator at rear of body mounted just forward of arrow board cage to have two (2) yellow lockable doors on driver and passenger side to store signs, sign holder and equipment	<input type="checkbox"/>	<input type="checkbox"/>
<u>OPTIONS:</u>		
<u>1A. TMA Upfit - Sign Shop Package</u>		
Standard TMA Upfit Package but shall not include the optional over-cab barrel rack and the optional rear deck-mounted sign cage. Additional Components for this package shall include:	<input type="checkbox"/>	<input type="checkbox"/>
Two (2) storage cabinets (one (1) on each side), mounted aft of the bulkhead	<input type="checkbox"/>	<input type="checkbox"/>
Compartment size: 24" D X 24" W X 72" H; shall have anti-rust coating applied to the bottom floor and top section to inhibit corrosion.	<input type="checkbox"/>	<input type="checkbox"/>
Storage cabinets shall include Dry-Deck matting on the floor	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – CURRENT MODEL YEAR OR NEWER, HEAVY DUTY TRUCK CAB AND CHASSIS WITH ATTENUATOR PLATFORM, AS SPECIFIED, OR EQUAL (CONT'D)

<u>COMPLIANCE</u>	
<u>YES</u>	<u>NO</u>

OPTIONS (Cont'd)**1B. Upgraded LED Strobe Lighting**

Sound Off, or equal:

7x3 Mpower Fascia Light, single color – Amber, front Grille (2)

ECE-R65, Certified 10-30v, 9 LED, single color, Amber, rear warning (6)

ECE-R65 Certified 10-30v, 9 LED, single Color, Amber, Side Warning (6)

SO gride Light Beacon with steel case (2)

☐☐**1C. Road Department Paint Color Scheme**

School Bus Yellow from the bottom of the windows down. Bahama Blue from the bottom of the windows up to and including cab roof and back, on hood from bottom of windshield to a point on the hood to make a “V” and match the Road Department fleet. Shall be base coat clear coat. (Note: Not all Vehicles will be painted this way)

☐☐**1D. Diagnostic Tools / Test Equipment**

1. Successful bidder may be required to supply between one (1) to three (3) complete sets of 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.

☐☐☐☐☐☐☐☐☐☐☐☐☐☐

ITEM #1 – CURRENT MODEL YEAR OR NEWER, HEAVY DUTY TRUCK CAB AND CHASSIS WITH ATTENUATOR PLATFORM, AS SPECIFIED, OR EQUAL (CONT'D)

<u>COMPLIANCE</u>	
<u>YES</u>	<u>NO</u>

OPTIONS (Cont'd)**1E. 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:

#12 AWG RED wire connected to 12VDC Battery Source rated at 20 Amps.

#12 AWG BLACK wire connected to chassis ground.

#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.

☐☐**1F. 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:

#12 AWG RED wire connected to 12VDC Battery Source rated at 20 Amps.

#12 AWG BLACK wire connected to chassis ground.

#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.

☐☐**1G. 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.

☐☐

The support provided shall be at the journeyman/equipment technician level and should address limited theory, fault diagnosis and repair pertaining specifically to the equipment supplied under this specification.

☐☐

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, HEAVY DUTY TRUCK CAB AND CHASSIS WITH ATTENUATOR PLATFORM, AS SPECIFIED, OR EQUAL (CONT'D)

<u>COMPLIANCE</u>	
<u>YES</u>	<u>NO</u>

OPTIONS (Cont'd)**1G. Technical Support (Cont'd)**

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.

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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.

☐☐