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*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: MECHANICAL STREET SWEEPER

2023

ADVERTISEMENT DATE: March 22, 2023

OPENING: April 11, 2023, 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: MECHANICAL STREET SWEEPER** for the County of Ocean, will be received by the Purchasing Agent of the County of Ocean on **Tuesday, April 11, 2023 at 11:00 am**, prevailing time.

Bids will be received electronically via the [County's OpenGov Electronic Bid Portal \(https://procurement.opengov.com/portal/oceancounty/\)](https://procurement.opengov.com/portal/oceancounty/)

Specifications and form of proposal are on the **Procurement Portal (Link Above)** or available for viewing 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:

JOSEPH H. VICARI, 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

Jessica Hannold

Buyer

Email: jhannold@co.ocean.nj.us

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

Department:

Vehicle Services

Timeline

Advertising Date	March 22, 2023
Bid Opening Date	April 11, 2023, 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 ProcureNow 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, April 11, 2023.

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

Quantities shown are approximate and the County reserves the right to decrease or omit quantities. The County will not consider minimums placed 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.

Delivery of Goods and Services

Delivery shall 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.

Market Conditions

Due to the fact that goods provided by this solicitation and the current economic conditions are in a volatile state, the County will allow the Contractor to request a price adjustment outside the normal contract renewal process **only if it can be demonstrated and documented that on a national basis the goods solicited and utilized have experienced a significant cost increase since the date of contract award.**

Such events shall be industry wide and cause all related product prices to be effected. **All price adjustment requests must be in writing and submitted to the Ocean County Purchasing Department for approval.** If approved, the Contractor will provide the County with revised pricing. The Contractor may not request an additional increase for a period of three (3) months from the prior request.

Note: A request for price increase does not guarantee approval.

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.

Certification of Non-Involvement in Prohibited Activities in Iran

Certification of Non-Involvement in Prohibited Activities in Iran. Pursuant to N.J.S.A. 52:32-58, the proposer must certify that neither the proposer, nor one of its parents, subsidiaries, and/or affiliates (as defined in N.J.S.A. 52:32-56(e)(3)), is listed on the Department of the Treasury's List of Persons or Entities Engaging in Prohibited Investment Activities in Iran and that neither is involved in any of the investment activities set forth in N.J.S.A. 52:32-56(f). If the proposer is unable to so certify, the proposer shall provide a detailed and precise description of such activities. Prior to contract award or authorization, the contractor shall provide the Contracting Agency with a completed Certification on Non-Involvement in Prohibited Activities in Iran.

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

Pursuant to N.J.S.A. 52:32-60.1, the "person or entity" (as defined in N.J.S.A. 52:32-60.1, et seq) seeking to enter into or renew a contract for the provision of goods or services or the purchase of bonds or other obligations shall certify that it is not "engaging in prohibited activities in Russia or Belarus" (as such term is defined in as defined in N.J.S.A. 52:32-60.1, et seq. If the person or entity is unable to certify, the person or entity shall provide a detailed and precise description of such activities. The N.J.S.A. 52:32-60.1 certification form must be completed prior to contract award and is provided in the specification documents (DocuSign).

Vendors may view the Precluded Entities List Here:

<https://www.nj.gov/treasury/administration/pdf/RussiaBelarusEntityList.pdf>

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.

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: MECHANICAL STREET SWEEPER" .

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)**
- Prohibited Russia-Belarus Activities & Iran Investment Activities

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). This form will be made available to the Contractor by the County of Ocean.**

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: MECHANICAL STREET SWEEPER*

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: MECHANICAL STREET SWEEPER

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
1	Model year 2023, or Newer, Six Wheel Single Engine Broom Street Sweeper with Cleated Belt Conveyor, As Specified, or Equal	3	EA		
OPTIONS					
1a	Road Department Color Scheme, As Specified	3	EA		
1b	Diagnostic Tools/Test Equipment, As Specified	3	SET		
1c	Two-Way Radio Power and Wiring Requirements for New Vehicles, As Specified	3	EA		
1d	Installation of County-Supplied Two-Way Radios and Accessories, As Specified	3	EA		
1e	Technical Support, As Specified	180	HOUR		
TOTAL					

ITEM #1 – MODEL YEAR 2023, OR NEWER, SIX WHEEL SINGLE ENGINE BROOM STREET SWEEPER WITH CLEATED BELT CONVEYOR, AS SPECIFIED, OR EQUAL

SWEEPER:

MODEL/MANUFACTURER: Click or tap here to enter text.

WARRANTY: Click or tap here to enter text.

CHASSIS:

MODEL/MANUFACTURER: Click or tap here to enter text.

WARRANTY: Click or tap here to enter text.

ENGINE:

MODEL/MANUFACTURER: Click or tap here to enter text.

WARRANTY: Click or tap here to enter text.

TRANSMISSION:

MODEL/MANUFACTURER: Click or tap here to enter text.

WARRANTY: Click or tap here to enter text.

HOPPER SYSTEM:

WARRANTY: Click or tap here to enter text.

DELIVERY, A.R.O.: Click or tap here to enter text.

COMPLIANCE
YES **NO**

Section A – Chassis

INTENT

It is the intent of this specification to provide for the purchase of new and unused street sweeper(s) having a six (6) wheel configuration, single engine for propulsion and sweeping, 5.4 cubic yard right side variable high dumping hopper, automatic transmission, dual steering and operator controls, cleated belt conveyor, left side and right side broom with variable down pressure controller from cab.

The following specification is based upon an Elgin Sweeper Broom Bear street sweeper mounted on a conventional chassis. The County has evaluated different types of street sweepers and has determined that this product is best suited for their needs in safety, quality, performance, and standardization. This specification is not to be interpreted as restrictive, but rather as a measure of the safety, quality and performance against which all sweepers bid will be compared.

Contract will be awarded for the product which best serves the interests of the County when cost, product, safety, quality and delivery are considered. The County reserves the right to reject any or all bids or any part thereof, and to waive any minor technicalities. A contract will be awarded to the bidder submitting the lowest responsible bid meeting the requirements. **The County requires that the sweeper(s) be delivered no later than six (6) months After Receipt of Order (A.R.O.).**

ITEM #1 – MODEL YEAR 2023, OR NEWER, SIX WHEEL SINGLE ENGINE BROOM STREET SWEEPER WITH CLEATED BELT CONVEYOR, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

Section A – Chassis (Cont'd)

CHASSIS – SET BACK AXLE

For safety, service, parts availability, etc. the chassis shall be of a commercially available conventional cab type configuration. A purpose built chassis manufactured by the sweeper company will not be acceptable.

The wheelbase shall not exceed 144 inches; cab-to-axle shall be 75.4 in.

Gross Vehicle Weight Rating (GVWR) shall be not less than 33,000 pounds.

For safety, certification of Federal Motor Vehicle Safety Standard (FMVSS) compliance shall be submitted with the proposal. Failure to comply will result in proposal being rejected as "non-responsive".

Chassis shall be capable of safely propelling the sweeper, loaded to the maximum GVWR, under all normal sweeping and transport conditions.

Vehicle shall be rated for carrying an 11,000 lb. load in the hopper at highway speed of 65 MPH and should not be speed restricted by tire limitations.

Speed shall be governed at 65 MPH.

Manufacturer shall certify that pass-by noise level at fifty (50) feet (per SAE J 1077) while sweeping, does not exceed 79 dB(A).

Front axle shall be an I-beam type, 68" track; with a minimum capacity of 10,000 lbs. Detroit DA- 10.0-3, or equal, front axle shall have leaf spring suspension and shock absorbers as standard equipment to avoid high stress areas and cracking of the chassis. Front axle brakes shall be Meritor 15x4 Q + cam, or equal, brakes. Shall be equipped with non-asbestos brake lining.

Rear axle shall have a minimum capacity of 23,000 lbs.

Rear suspension shall be provided through a twin air spring suspension system having a minimum capacity of 23,000 pounds. Rear axle brakes shall be Meritor, or equal, 16.5 x 7 cast spider, double anchor.

Rear axle shall provide a full width heavy duty, 80" track.

Two-speed rear axle shall have a 6.17/8.42 ratio. An auxiliary transmission for sweeping is not acceptable.

Turning radius shall not exceed 19' 6" curb to curb. Front axle steering cut shall be 50 degrees minimum.

ITEM #1 – MODEL YEAR 2023, OR NEWER, SIX WHEEL SINGLE ENGINE BROOM STREET SWEEPER WITH CLEATED BELT CONVEYOR, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Section A – Chassis (Cont'd)</u>		
<u>CHASSIS – SET BACK AXLE (Cont'd)</u>		
Brakes shall be full air dual circuit type with auto slack adjusters, front and rear. Wabco ABS brakes shall be supplied.	<input type="checkbox"/>	<input type="checkbox"/>
Air compressor shall be 18.7 CFM.	<input type="checkbox"/>	<input type="checkbox"/>
Parking brake shall be spring applied rear wheel drum and shoe.	<input type="checkbox"/>	<input type="checkbox"/>
Air shall be equipped with a Bendix AD-9 air dryer.	<input type="checkbox"/>	<input type="checkbox"/>
Chassis shall include front tow hooks. Access to frame on both sides of machine for jacking purposes shall be available.	<input type="checkbox"/>	<input type="checkbox"/>
<u>CHASSIS ENGINE</u>		
Diesel engine shall be a Cummins L9, or equal, electronic inline 6 cylinder, turbocharged, 543 cubic inch displacement. The engine shall supply power for propulsion and sweeper functions.	<input type="checkbox"/>	<input type="checkbox"/>
Horsepower rating shall be 260 HP @ 2200 RPM. Torque rating shall be 860 ft-lbs. @ 1200 RPM.	<input type="checkbox"/>	<input type="checkbox"/>
Engine shall be supplied with a low oil pressure and high water temperature warning system integrated in the engine electronic system.	<input type="checkbox"/>	<input type="checkbox"/>
Engine shall be equipped with a single stage, dual element dry-type air cleaner, spin-on fuel filter, full flow oil filter, and fuel water separator.	<input type="checkbox"/>	<input type="checkbox"/>
Radiator fan shall utilize a clutch type drive. Direct drive fans shall not be acceptable.	<input type="checkbox"/>	<input type="checkbox"/>
Anti-freeze/water mixture shall be rated at -34 F degrees.	<input type="checkbox"/>	<input type="checkbox"/>
Diesel fuel tank shall have a minimum capacity of 50 U.S. gallons.	<input type="checkbox"/>	<input type="checkbox"/>
Diesel emissions shall be EPA 2014 with on board diagnostics (ODB) and have a minimum capacity of six (6) U.S. gallons diesel exhaust fluid.	<input type="checkbox"/>	<input type="checkbox"/>
Engine shall be supplied with a powder-coated or non-ferrous oil pan.	<input type="checkbox"/>	<input type="checkbox"/>
<u>TRANSMISSION</u>		
Automatic transmission, Allison 3500 RDS, or equal, shall have five (5) forward speeds and one (1) reverse. PTO (Muncie, or equal) mounting shall be on left side of transmission.	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – MODEL YEAR 2023, OR NEWER, SIX WHEEL SINGLE ENGINE BROOM STREET SWEEPER WITH CLEATED BELT CONVEYOR, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

Section A – Chassis (Cont'd)

TRANSMISSION (CONT'D)

Transmission shift pattern shall be illuminated for night operation. Shift operation shall be by push button in lieu of shift lever.

Transmission shall be equipped with a heavy-duty oil cooler and magnetic drain plugs.

Synthetic Transmission fluid (TES-295 compliant) shall be provided.

TIRES AND WHEELS

Front and rear tires shall be first line quality tubeless radial tires, 11R X 22.5, 14 ply rating.

Tires shall be mounted on ten (10) hub piloted steel disc 22.5/8.25 rims.

One (1) full size spare tire and rim, mounted, shall be provided.

Rear axle shall be equipped with dual tires for load capacity and stability. Rear mud flaps shall be supplied.

All wheels shall be interchangeable to allow for emergency change at the job site.

CAB

For maximum visibility, the forward line of sight (distance from operating position to view of ground) shall be 16 feet maximum.

Steering shall be full power with dual operator controls. Dual OEM dash mounted instrumentation, including speedometer, odometer, tachometer, hour meter, water temperature, oil pressure, voltmeter, fuel gauge and transmission temperature gauge.

Dual steering shall include right and left steering wheels, brake and throttle pedals, center mounted single windshield wiper control, dual turn signal controls, and tilt adjustment. Chassis shall be Fontaine authorized for Warranty.

Console shall have Left / Right primary driver switch which changes controls for the operator station and instrumentation from left to right and back. For safety driver switch can only be activated with the parking brake applied.

Dual high back seats with black cordura cloth covers shall be supplied.

Each seat shall have a 3-point seat belt with automatic retractors.

ITEM #1 – MODEL YEAR 2023, OR NEWER, SIX WHEEL SINGLE ENGINE BROOM STREET SWEEPER WITH CLEATED BELT CONVEYOR, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Section A – Chassis (Cont'd)</u>		
<u>CAB (CONT'D)</u>		
Sweeper shall include two (2) outside heated and power adjustable west coast type mirrors with molded in 8-inch convex auxiliary mirrors and left and right mounted fender mirror.	<input type="checkbox"/>	<input type="checkbox"/>
Cab shall be full width Aluminum cab with one-piece fiberglass tilting hood.	<input type="checkbox"/>	<input type="checkbox"/>
Hydraulic functions shall be controlled by a single rocker switch which activates the hydraulic power which is supplied from the "HOT SHIFT" PTO on the transmission. The hydraulic system must be able to be disengaged in case of a hydraulic oil leak, thus allowing transport capability without draining the hydraulic oil tank. Full time live hydraulics or the use of an auxiliary transmission in the drive train will not be acceptable.	<input type="checkbox"/>	<input type="checkbox"/>
For safety during night sweeping, rocker switches shall be illuminated and clearly marked for easy identification. All sweeper controls shall be mounted between the two (2) operators seats for easy reach and visibility.	<input type="checkbox"/>	<input type="checkbox"/>
Cab shall be supplied with an AM/FM/WB World tuner Radio with Auxiliary Input, J1939.	<input type="checkbox"/>	<input type="checkbox"/>
Dual electric horns and single air horn shall be supplied.	<input type="checkbox"/>	<input type="checkbox"/>
Cab interior environment shall be fully conditioned by fresh air heater / ventilator / defroster / air conditioning with a three (3) speed fan.	<input type="checkbox"/>	<input type="checkbox"/>
Cab shall have full flow through ventilation.	<input type="checkbox"/>	<input type="checkbox"/>
Windshield wipers shall be two (2) speeds with washer.	<input type="checkbox"/>	<input type="checkbox"/>
Wipers shall have an intermittent feature.	<input type="checkbox"/>	<input type="checkbox"/>
Interior of cab shall have acoustical insulation, automotive type trim, and center console.	<input type="checkbox"/>	<input type="checkbox"/>
Dashboard shall be fully faced with soft molded plastic; two (2) cup holders shall be included.	<input type="checkbox"/>	<input type="checkbox"/>
Left and right hand side grab handles shall be supplied to aid in operator entry and exit from the cab.	<input type="checkbox"/>	<input type="checkbox"/>
Sweeper shall have an automatic electronic back-up alarm.	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – MODEL YEAR 2023, OR NEWER, SIX WHEEL SINGLE ENGINE BROOM STREET SWEEPER WITH CLEATED BELT CONVEYOR, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Section A – Chassis (Cont'd)</u>		
<u>CAB (CONT'D)</u>		
Each operator station shall have an adjustable sun visor.	<input type="checkbox"/>	<input type="checkbox"/>
Doors and ignition shall be key locked alike.	<input type="checkbox"/>	<input type="checkbox"/>
All glass shall be tinted safety glass.	<input type="checkbox"/>	<input type="checkbox"/>
Side windows shall have a defogger.	<input type="checkbox"/>	<input type="checkbox"/>
Door windows shall be power controlled.	<input type="checkbox"/>	<input type="checkbox"/>
Manufacturer must certify that cab noise level while operating does not exceed 82 dB(A).	<input type="checkbox"/>	<input type="checkbox"/>
<u>ELECTRICAL</u>		
Chassis alternator shall not be less than 160 amp.	<input type="checkbox"/>	<input type="checkbox"/>
Shall be a 12-volt negative ground system.	<input type="checkbox"/>	<input type="checkbox"/>
Dual batteries shall be maintenance free, 12 volt, and 1850 CCA total with disconnect.	<input type="checkbox"/>	<input type="checkbox"/>
Positive load disconnect with cab mounted switch, outboard driver's seat.	<input type="checkbox"/>	<input type="checkbox"/>
For safety, all electrical circuits must be protected by blade type fuses.	<input type="checkbox"/>	<input type="checkbox"/>
All lighting shall be DOT approved (LED) including combination stop and tail lights, backup lights, sealed multiple beam headlights, high beam - low beam switch, adjustable side broom and main broom spotlights, clearance and running lights, front parking and signal lights, four way flashers, dome light, illuminated gauges and instrument panel, illuminated rocker switches, self canceling directional signals, and hazard switch.	<input type="checkbox"/>	<input type="checkbox"/>
Warning lights shall indicate glow plug, air brakes, stop and tail light failure, charging system, park brake, engine oil system, hydraulic oil filter restriction and low spray water.	<input type="checkbox"/>	<input type="checkbox"/>
<u>LIGHTING</u>		
All lighting shall meet DOT safety requirements.	<input type="checkbox"/>	<input type="checkbox"/>
Front and rear shall have clearance lights.	<input type="checkbox"/>	<input type="checkbox"/>
Left and right sides shall each contain two (2) clearance lights.	<input type="checkbox"/>	<input type="checkbox"/>
Front and rear directional lights with emergency flasher shall be provided.	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – MODEL YEAR 2023, OR NEWER, SIX WHEEL SINGLE ENGINE BROOM STREET SWEEPER WITH CLEATED BELT CONVEYOR, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Section A – Chassis (Cont'd)</u>		
<u>LIGHTING (CONT'D)</u>		
Work lights for each gutter broom and the rear broom shall be provided.	<input type="checkbox"/>	<input type="checkbox"/>
Dash, all console switches and all gauges shall be illuminated.	<input type="checkbox"/>	<input type="checkbox"/>
An automatic back-up light and electric alarm shall be activated when transmission is placed into reverse.	<input type="checkbox"/>	<input type="checkbox"/>
License plate holder shall be illuminated.	<input type="checkbox"/>	<input type="checkbox"/>
Vehicle shall have two (2) rear side combination light/reflectors.	<input type="checkbox"/>	<input type="checkbox"/>
<u>Section B – Sweeper</u>		
<u>SIDE BROOMS</u>		
Brooms shall be driven by a hydraulic motor directly mounted to broom disc plate. They shall be the vertical digger type, trailing arm design, mounted on right and left side. The right side broom shall have in cab tilt control.	<input type="checkbox"/>	<input type="checkbox"/>
To hold broom pattern, regardless of up and down motion, arm suspension design shall be the parallelogram type.	<input type="checkbox"/>	<input type="checkbox"/>
Broom rotation speed shall be constant governed by load sensing hydraulic system, regardless of engine RPM or sweeper ground speed.	<input type="checkbox"/>	<input type="checkbox"/>
Broom down pressure shall be adjustable by operator from the cab while moving.	<input type="checkbox"/>	<input type="checkbox"/>
Broom shall be five (5) plastic segments, filled with 26" long tempered wire. Discs shall be cross-drilled for five (5) or four (4) segment usage.	<input type="checkbox"/>	<input type="checkbox"/>
Broom diameter shall not be less than 44", protruding not less than 13" beyond outside of tire while sweeping.	<input type="checkbox"/>	<input type="checkbox"/>
Broom location shall be positioned to provide best sweep path in relation to the main broom.	<input type="checkbox"/>	<input type="checkbox"/>
Each broom shall have a spotlight for night operation.	<input type="checkbox"/>	<input type="checkbox"/>
Side brooms must be capable of extending from 110" to 144" with both side brooms activated.	<input type="checkbox"/>	<input type="checkbox"/>
<u>MECHANICAL MAIN BROOM SUSPENSION</u>		
Broom shall be direct drive by a hydraulic motor.	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – MODEL YEAR 2023, OR NEWER, SIX WHEEL SINGLE ENGINE BROOM STREET SWEEPER WITH CLEATED BELT CONVEYOR, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Section B – Sweeper (Cont'd)</u>		
<u>MECHANICAL MAIN BROOM SUSPENSION (Cont'd)</u>		
Broom shall be not less than 34" diameter and not less than 60" long.	<input type="checkbox"/>	<input type="checkbox"/>
Broom rotation speed shall be constant, governed by load sensing hydraulic system, regardless of engine RPM or ground speed.	<input type="checkbox"/>	<input type="checkbox"/>
Broom shall be full floating with self-aligning bearings.	<input type="checkbox"/>	<input type="checkbox"/>
Shall be strip broom center style, in lieu of standard.	<input type="checkbox"/>	<input type="checkbox"/>
Broom side plates shall be equipped with poly brush drag shoes.	<input type="checkbox"/>	<input type="checkbox"/>
<u>MAIN BROOM</u>		
Sweeping path shall be not less than 7-1/2' wide with one (1) side broom activated, and not less than 10' wide with both side brooms activated.	<input type="checkbox"/>	<input type="checkbox"/>
Main broom shall be shielded by a steel broom hood. Plastic hoods shall not be acceptable due to cracking.	<input type="checkbox"/>	<input type="checkbox"/>
Main broom and conveyor shall have a work light.	<input type="checkbox"/>	<input type="checkbox"/>
Broom shall be hydraulically raised/lowered and be capable of movement independent of the conveyor assembly to effectively sweep varying debris. This independent movement also avoids damage to the main broom or the conveyor assembly during sweeping.	<input type="checkbox"/>	<input type="checkbox"/>
<u>CLEATED BELT CONVEYOR</u>		
Conveyor shall be able to load hopper to 100% of rated useable capacity.	<input type="checkbox"/>	<input type="checkbox"/>
To maintain heavy loads of material, the conveyor shall be high strength belt type with molded-in full width Chevron style cleats to carry material to the hopper. Squeegee type flight system that drag material will not be acceptable.	<input type="checkbox"/>	<input type="checkbox"/>
An audible conveyor stall alarm shall be provided as a warning to the operator.	<input type="checkbox"/>	<input type="checkbox"/>
Conveyor shall be reversible in direction. The main broom shall stop rotation while conveyor is reversed.	<input type="checkbox"/>	<input type="checkbox"/>
Conveyor shall be capable of effectively sweeping debris of varying sizes without the need to make any manual adjustments to the conveyor system. An in cab conveyor height adjustment, independent of the main broom shall be supplied.	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – MODEL YEAR 2023, OR NEWER, SIX WHEEL SINGLE ENGINE BROOM STREET SWEEPER WITH CLEATED BELT CONVEYOR, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

Section B – Sweeper (Cont'd)

CLEATED BELT CONVEYOR (Cont'd)

To provide proper clearance during variable sweeping conditions, the minimum conveyer height shall be settable, independent of main broom height.

Conveyer shall be a full 54" width. An auger system for feeding the conveyer shall not be acceptable.

HOPPER

For safety, the hopper shall be right side dumping, allowing an operator to observe the dump target and surrounding area at all times from the cab, without the use of mirrors. All dump controls shall be cab mounted.

Volumetric capacity shall be not less than 5.4 cubic yards, with useable capacity not less than 4.3 yards. A hopper inspection door shall be supplied.

Hopper shall dump at varying heights ranging from 38" through a height of 10'. Dump angle to be 50 degrees minimum. Fixed height dump systems shall not be acceptable.

Lift mechanism shall be double stage, scissors lift system. Hopper lift cylinders to be 3.5" x 33.5" stroke minimum, hopper dump cylinders to be 3.5" x 19.8" stroke minimum.

Hopper to offer not less than 11" side shift to off load for maximum dumping efficiency and for extra clearance between sweeper and dump truck. Minimum clearance between sweeper and truck shall be 28".

Hopper load shall be visible at all times from the cab through a glass window and skylight.

Maximum time for dump cycle shall not exceed eighty (80) seconds.

Lift capacity shall be not less than 11,000 lbs.

Hopper to be constructed of 7 gauge abrasion resistant steel floor and 11 gauge door, top, and sides. Lifeline Hopper System shall be lined with a urethane coating.

Units that require use of jack stands and/or outriggers to stabilize the chassis during dumping procedure shall not be acceptable.

WATER SYSTEM

Tank capacity shall be not less than three hundred sixty (360) U.S. gallons.

ITEM #1 – MODEL YEAR 2023, OR NEWER, SIX WHEEL SINGLE ENGINE BROOM STREET SWEEPER WITH CLEATED BELT CONVEYOR, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

Section B – Sweeper (Cont'd)

WATER SYSTEM (CONT'D)

Tank shall be constructed of a non-metallic, non-rusting polyethylene material. Removable manhole cover for tank access shall be supplied.

Water pump shall be diaphragm type capable of running dry without damage.

A water level gauge indicator shall be located within the cab.

Shall be equipped with ten (10) brass spray nozzles for dust suppression. Three (3) spray nozzles shall be over each side broom, three (3) spray nozzles shall be located at the main broom. Side brooms shall have separate water control. A full width front spray bar shall be installed under front bumper.

Water fill hose shall be not less than 15' in length, equipped with a 2-1/2" NST hydrant coupler.

Water to front spray bar shall be cab controlled with adjustable valves, which control water flow.

An in-line water filter with shut off valve shall be in water system to prevent contaminants from entering the water system.

To prevent the contamination of the water supply, tank shall be equipped with an anti-siphon device.

Shall be equipped with an air purge system.

HYDRAULIC SYSTEM

Reservoir shall have a capacity of twenty-three (23) gallons with outside level and temperature indicator.

Twin pumps that shall be a variable displacement piston type that are directly driven, by a hot shift PTO, with load sensing to adjust flow based upon hydraulic oil demand in the sweeping gear to maximize efficiency and reduce heat for longevity of all the hydraulic systems.

To prevent contamination of the reservoir during the dump cycle, the reservoir vent shall be equipped with a 40 micron, breather filter.

To prevent the possibility of contamination and the resulting damage to the hydraulic system, return lines to have 10 micron filter with cab mounted restriction indicator.

ITEM #1 – MODEL YEAR 2023, OR NEWER, SIX WHEEL SINGLE ENGINE BROOM STREET SWEEPER WITH CLEATED BELT CONVEYOR, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

Section B – Sweeper (Cont'd)

HYDRAULIC SYSTEM (Cont'd)

To minimize environmental damage caused by leaking fittings, all pressure hydraulic fittings must be ORFS type. All solenoids to be located in a single easily accessible location.

For ease and accuracy of testing, all circuits shall have quick-disconnect check ports.

PNEUMATIC SYSTEM

There shall be a PR4 type pressure protector for the chassis air system to protect the chassis air system.

All pneumatic cylinders shall be interchangeable.

All pneumatic cylinders must be rated to 150 PSI and have a separate rod seal and wiper to prevent contamination entering the cylinder.

ELECTRICAL SYSTEM

Sweeper electrical system shall be integral to the chassis electrical system.

Sweeper shall have an electronic back-up alarm for additional warning and safety when chassis is in reverse.

Sweeper lighting shall include rear identification lights, side broom and rear clearance lights.

Sweeper wiring harnesses shall be color-coded and hot stamped with circuit name.

For safety, all electrical circuits must be protected by circuit breakers or fuses.

Shall be equipped with safety lighting: rear arrow stick with rear upper LED flashing and rear bumper strobes. Shall also be equipped with front mounted LED flashers or strobes (grill mounted).

CONTROLS

All sweeper controls shall be mounted on an adjustable central console located between the left and right operator's position and access.

The controls shall include all sweep, hopper, elevator, and lighting functions and shall all be located on the adjustable operator control console.

The controls for sweep, spray water, and lighting functions shall be conventional rocker switches.

ITEM #1 – MODEL YEAR 2023, OR NEWER, SIX WHEEL SINGLE ENGINE BROOM STREET SWEEPER WITH CLEATED BELT CONVEYOR, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<u>Section B – Sweeper (Cont'd)</u>		
<u>SWEEPER INSTRUMENTS</u>		
Sweeper instruments shall include, right and left side broom down pressure, hydraulic filter restriction indicator, hydraulic oil temperature, spray water level indicator.	<input type="checkbox"/>	<input type="checkbox"/>
Oil cooler, hydraulic tank and electrical locker shall be located behind and protected from the elements and vandals by twin fiberglass latching clamshell doors, opening 180 degrees, providing 270 degrees of complete accessibility to all maintenance components.	<input type="checkbox"/>	<input type="checkbox"/>
Rear compartment to include a right hand mounted lockable stainless steel toolbox; 24” long x 13.5” wide x 6 3/8” tall for operator designated tools.	<input type="checkbox"/>	<input type="checkbox"/>
<u>PAINT</u>		
All visible exterior metallic surfaces shall be coated prior to assembly with polyester powder coat. The paint must be a minimum of two (2) mils thick. The uses of acrylic enamels and/or polyurethane’s shall not be acceptable.	<input type="checkbox"/>	<input type="checkbox"/>
Color to be specified from Standard Color Chart or Purchase Order when ordering.	<input type="checkbox"/>	<input type="checkbox"/>
Vehicle shall have an accent color of Grey on the lower portions of the unit.	<input type="checkbox"/>	<input type="checkbox"/>
<u>ACCESSORIES</u>		
One (1) complete set of filters for cab/chassis, drive train and upfit	<input type="checkbox"/>	<input type="checkbox"/>
5 gallons of recommended-use hydraulic fluid	<input type="checkbox"/>	<input type="checkbox"/>
<u>WARRANTY</u>		
Manufacturer's warranty shall be not less than five (5) years on entire sweeper, including all parts and labor.	<input type="checkbox"/>	<input type="checkbox"/>
Five (5) years engine and transmission, including engine after treatment.	<input type="checkbox"/>	<input type="checkbox"/>
Five (5) year towing package for warranty related claims.	<input type="checkbox"/>	<input type="checkbox"/>
Limited lifetime warranty on Lifeliner Hopper System.	<input type="checkbox"/>	<input type="checkbox"/>
<u>QUALITY</u>		
Sweeper shall be manufactured by a company with a registered quality standard no less than ISO 9001.	<input type="checkbox"/>	<input type="checkbox"/>
<u>SWEEPER OPTION TO BE INCLUDED:</u>		
SLOW MOVING EMBLEM	<input type="checkbox"/>	<input type="checkbox"/>

ITEM #1 – MODEL YEAR 2023, OR NEWER, SIX WHEEL SINGLE ENGINE BROOM STREET SWEEPER WITH CLEATED BELT CONVEYOR, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

Section B – Sweeper (Cont'd)

OPERATOR TRAINING

Shall be provided to the requesting department for up to six (6) sweeper operators.

OPTIONS:

1A. Road Department Color Scheme

Color shall be Chrome Yellow body and chassis with two tone Chrome Yellow and Bahama Blue for the front hood and cab.

1B. Diagnostic Tools/Test Equipment

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

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

Examples of OEM diagnostics are as follows:

Ford IDS, Cummins Quickserv, Mack Tech Tool, John Deere Service Advisor, Freightliner Diagnostic Link

- | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|
| 1. All laptop computers will be of the newest available technology and have sufficient storage and memory to operate all required software | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Provide a list of all test/diagnostic/programming equipment and special tools being supplied at the time of bid | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. All software installations and activations will be completed by the successful bidder at no cost to the County | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. 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 | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. 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 | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Training shall be provided on all items in this section at a specified County location | <input type="checkbox"/> | <input type="checkbox"/> |

ITEM #1 – MODEL YEAR 2023, OR NEWER, SIX WHEEL SINGLE ENGINE BROOM STREET SWEEPER WITH CLEATED BELT CONVEYOR, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

OPTIONS: (CONT'D)

1C. 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.

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

Install is to include but not limited to antenna cable, mounts, speakers, brackets, etc.

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

1. #12 AWG RED wire connected to 12VDC Battery Source rated at 20 Amps.

2. #12 AWG BLACK wire connected to chassis ground.

3. #16 AWG YELLOW wire connected to 12VDC Ignition Sense rated at 5 Amps.

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

1E. 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.

ITEM #1 – MODEL YEAR 2023, OR NEWER, SIX WHEEL SINGLE ENGINE BROOM STREET SWEEPER WITH CLEATED BELT CONVEYOR, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE
YES **NO**

OPTIONS: (CONT'D)

1E. Technical Support (Cont'd)

Technical support may be requested in the following areas:

- | | | |
|------------------------------------------------------------------------------------|--------------------------|--------------------------|
| 1. Engine (cooling, fuel, ignition, lubrication systems) – 1 day at each location. | <input type="checkbox"/> | <input type="checkbox"/> |
| 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 | <input type="checkbox"/> | <input type="checkbox"/> |

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

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

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

- Technical Support for Vehicle Services may be provided at the following fleet maintenance facility locations as scheduled by a Vehicle Services Department representative:
- Toms River, 152 Chestnut Street, Toms River, N.J. 08753 (Two (2) sessions will be provided at this location. First (1st) beginning at 7 am and Second (2nd) beginning at 1:30 pm)
 - 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 12 months

MOTOR VEHICLE: MECHANICAL STREET SWEEPER
from the date of placing the last unit in service.

