

BID SPECIFICATIONS FOR THREE (3) 2013 4X4 SIX (6) CUBIC YARD DUMP TRUCKS WITH SNOW PLOWS & SPREADERS OR EQUIVALENT

**FOR THE TOWNSHIP OF OCEAN
Monmouth County, New Jersey**

Bids will be received by the Township Manager of the Township of Ocean at the Township of Ocean Council Conference Room, Second Floor, Deal and Monmouth Roads, Oakhurst, NJ on Tuesday, April 3, 2012 at 10:00 a.m. prevailing time.

Prepared by

Name of Bidder: _____

Address: _____

Phone: _____

2	Table of Contents
3	Legal Notice
4-11	Instruction to Bidders
12	Requirements of Prospective Bidder (Explanation of Statement of Ownership)
13	Invitation of Bid
14-42	Detailed Requirements
43	Bid Document Checklist
44	Bid Proposal
45	Bid Guarantee
46	Consent of Surety
47	Stockholder Disclosure Certificate
48-49	Bidder Qualification Form
50	Non-Collusion Affidavit
51	Mandatory Affirmative Action Language – Exhibit A
52	Procurement and Service Contract
53-54	Insurance Specifications – Schedule A
55	Business Registration Certificate (Chp.57, Laws 2004-S1778) (required for Contractor & Sub-contractor)
56	List of Subcontractors
57	Bidder Reference Sheet
58	Vendor Certification Form

NOTE: THIS PACKET CONTAINS A COMPLETE SET OF INSTRUCTIONS, BIDDING FORMS AND SPECIFICATIONS.

WHEN SUBMITTING A BID YOU MUST RETURN THE COMPLETE PACKET.

LEGAL NOTICE

PLEASE PUBLISH ONE (1) TIME IN THE MARCH 9, 2012 (Friday) ISSUE OF THE ASBURY PARK PRESS

**LEGAL NOTICE
TOWNSHIP OF OCEAN, MONMOUTH COUNTY**

TAKE NOTICE that Bids will be received by the Township of Ocean, County of Monmouth, State of New Jersey for the following:

- 1. Three (3) 2013 4X4 SIX (6) CUBIC YARD DUMP TRUCKS WITH SNOW PLOWS & SPREADERS OR EQUIVALENT**

as more particularly described in the Bid Document.

SAID BIDS WILL BE OPENED and read in public by the Township Manager at the Township Conference Room, 399 Monmouth Roads, Oakhurst, New Jersey, on **Tuesday, April 3, 2012 at 10:00 am prevailing time.**

OBTAINING/EXAMINING BID DOCUMENTS: Bid documents will be on file in the Office of the DEPARTMENT OF PUBLIC WORKS located at 399 Monmouth Road, Oakhurst, New Jersey and on the Township of Ocean website at www.oceantwp.org. Bids may be inspected by prospective bidders during normal business hours.

BID SECURITY: Is required in an amount of not less than ten percent (10%) of the total amount indicated in the Bid, but not in excess of Twenty Thousand Dollars (\$20,000.00); and may for certain equipment, materials and services be accompanied by a Certificate of Surety from a surety company authorized to do business in the State of New Jersey indicating consent to be bound as surety and guarantor for performance required under the contract documents.

SUBMISSION OF BIDS: The completed bid form and other items required shall be placed in sealed envelopes including the name and address of the bidder and the name of the item on the outside, addressed to the **Township Clerk**, Township of Ocean, and delivered prior to bid opening to the Township Clerk at Town Hall, First Floor, 399 Monmouth Road, Oakhurst, NJ.

STATUTORY REQUIREMENTS: Bidders are required to comply with requirements of N.J.S.A. 10:5-31 et seq. and N.J.A.C. 17:27 (Affirmative Action); and P.L. 1963, C. 150 (Prevailing Wage) and must include a Statement of Ownership of 10% or more of the stock of the bidder corporation or partnership pursuant to P.L. 1977, C. 33 of the laws of New Jersey.

REJECTION OF BIDS: The Township Council reserves the right to reject any and all bids or to waive any formalities, where such formality is detrimental to the best interest of the Municipality.

By order of Mayor and Council of the Township of Ocean.

VINCENT BUTTIGLIERI, RMC/CMC/MMC
Township Clerk

SECTION A: INSTRUCTION TO BIDDERS AND STATUTORY REQUIREMENTS

- I. Submission of Bids
 - A. Sealed bids shall be received by the Township of Ocean, hereinafter referred to as “owner” in accordance with public advertisement as required by law, with a copy of said notice being attached hereto and made a part of these specifications.
 - B. Sealed bids will be received by the Township Manager, Andrew Brannen, 399 Monmouth Road, Oakhurst, New Jersey 07755 on **Tuesday, April 3, 2012 at 10:00 a.m.** as stated in the Notice to Bidders, and at such time and place will be publicly opened and read aloud.
 - C. The bid shall be submitted in a sealed envelope: (1) addressed to the Township of Ocean, (2) bearing the name and address of the bidder written on the face of the envelope, and (3) clearly marked “BID” with the contract title.
 - D. It is the bidder’s responsibility that bids are presented to the Township of Ocean at the time and place designated. Bids may be hand delivered or mailed; however, the owner disclaims any responsibility for bids forwarded by regular or overnight mail. If the bid is sent by express mail service, the designation in sub-section C, above, must also appear on the outside of the express mail envelope. Bids received after the designated time and date will be returned unopened.
 - E. Sealed bids forwarded to the owner before the time of opening of bids may be withdrawn upon written application of the bidder who shall be required to produce evidence showing that the individual is or represents the principal or principals involved in the bid. Once bids have been opened, they shall remain firm for a period of (60) sixty calendar days.
 - F. All prices and amounts must be written in ink or preferably machine-printed. Bids containing any conditions, omissions, unexplained erasure or alterations, items not called for in the bid proposal form, attachment of additive information not required by the specifications, or irregularities of any kind may be rejected by the owner. Any changes, whiteouts, strikeouts, etc, in the bid must be initialed with ink by the person signing the bid.
 - G. Each bid proposal form must give the full business address, business phone, Fax, e-mail, (if available) the contact person of the bidder, and be signed by an authorized representative as follows:
 - Bids by partnerships must furnish the full name of all partners and must be signed in the partnership name by one of the members of the partnership or by an authorized representative, followed by the signature and designation of the person signing.
 - Bids by corporations must be signed in the legal name of the corporation, followed by the name of State in which incorporated and must contain the signature and designation of the president, secretary or other person authorized to bind the corporation in the matter.

- Bids by sole-proprietorship shall be signed by the proprietor.
- When requested, satisfactory evidence of the authority of the officer signing shall be furnished.

H. Bidder should be aware of the following statutes that represent “Truth in Contracting” laws:

- NJSA 2C:21-34, et seq. governs false claims and representations by bidders. It is a serious crime for the bidder to knowingly submit a false claim and/or knowingly make material misrepresentation.
- NJSA 2C:27-10 provides that a person commits a crime if said person offers a benefit to a public servant for an official act performed or to be performed by public servant, which is a violation of official duty.
- NJSA 2C:27-11 provides that a bidder commits a crime if said person, directly or indirectly, confers or agrees to confer any benefit not allowed by law to a public servant.
- Bidder should consult the statutes or legal counsel for further information.

II. BID SECURITY AND BONDING REQUIREMENTS

The following provisions shall be applicable to this bid and be made a part of bid documents:

A. BID GUARANTEE

Bidder shall submit with the bid a certified check, cashiers check or bid bond in the amount of ten percent (10%) of the total price bid, but not in excess of \$20,000, payable unconditionally to the owner. When submitting a Bid Bond, it shall contain Power of Attorney for full amount of Bid Bond from a surety company authorized to do business in the State of New Jersey and acceptable to the owner. The check or bond of the unsuccessful bidder(s) shall be returned pursuant to NJSA 40A”11-24a. The check or bond of the bidder to whom the contract is awarded shall be retained until a contract is executed and the required performance bond or other security is submitted. The check or bond of the successful bidder shall be forfeited if the bidder fails to enter into a contract pursuant to NJSA 40A:11-21.

B. CONSENT OF SURETY

Bidder shall submit with the bid a Certificate (Consent of Surety) with Power of Attorney for full amount of bid price from a Surety Company authorized to do business in the State of New Jersey and acceptable to the owner stating that it will provide said bidder with a Performance Bond in the full amount of the bid. This certificate shall be obtained in order to confirm that the bidder to whom the contract is awarded will furnish Performance and Payment Bonds from an acceptable surety company on behalf of said bidder, any or all subcontractors or by each respective subcontractor or by any combination thereof which results in performance security equal to the total amount to the contract, pursuant to NJSA 40A:11-22.

Failure to submit consent of surety form shall result in rejection of the bid.

C. PERFORMANCE BOND

Bidder shall simultaneously with the delivery of the executed contract, submit an executed bond in the amount of one hundred percent (100%) of the acceptable bid as security for the faithful performance of this contract.

Failure to submit this with the executed contract shall be cause for declaring the contract null and void pursuant to NJSA 40A:11-22.

III. INTERPRETATION AND ADDENDA

- A. The bidder understands and agrees that its bid is submitted on the basis of the specifications prepared by the owner. The bidder accepts the obligation to become familiar with these specifications.
- B. Bidders are expected to examine the specifications and related bid documents with care and observe all their requirements. Ambiguities, errors or omissions noted by bidders should be properly reported in writing to the appropriate official. Any prospective bidder who wishes to challenge a bid specification shall file such challenges in writing with the contracting agent no less than three business days prior to the opening of the bids. Challenges filed after that time shall be considered void and having no impact on the contracting unit or the award of a contract, pursuant to NJSA 40A:11-13. In the event the bidder fails to notify the owner of such ambiguities, errors or omissions, the bidder shall be bound by the requirements of the specification and the bidder's submitted bid.
- C. No oral interpretation and or clarification of the meaning of the specifications for any goods and services will be made to any bidder. Such request shall be in writing, addressed to the owner's representative stipulated in the specification. In order to be given consideration, a written request must be received at least seven (7) business days prior to the date fixed for the opening of the bid for goods and services.

All interpretations, clarifications and any supplemental instructions will be in the form of written addenda to the specifications, and will be distributed to all prospective bidders. All addenda so issued shall become part of the specification and bid documents, and shall be acknowledged by the bidder in the bid. The owner's interpretations or corrections thereof shall be final.

When issuing addenda, the owner shall provide required notice prior to the official receipt of bids to the person who has submitted a bid or who has received a bid package pursuant to NJSA 40A:11-23c.

D. Discrepancies in Bids

- 1. If the amount shown in words and its equivalent in figures do not agree, the written words shall be binding. Ditto marks are not considered writing or printing and shall not be used.

2. 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.

IV. INSURANCE AND INDEMNIFICATION

The insurance documents shall include but are not limited to the following coverage's:

A. INSURANCE REQUIREMENTS

1. Worker's Compensation Insurance

Workers Compensation insurance shall be maintained in full force during the life of the contract, covering all employees engaged in performance of the contract pursuant to NJSA 34:15-12 (a) an NJAC 12:235-1.6.

2. General Liability Insurance

General liability insurance shall be provided with limits of not less than \$1,000,000.00 any one person and \$1,000,000.00 any one accident for bodily injury and \$3,000,000.00 aggregate for property damages, and shall be maintained in full force during the life of the contract.

B. CERTIFICATES OF THE REQUIRED INSURANCE

Certificates of Insurance for those policies required above shall be submitted with the contract. Such coverage shall be with an insurance company authorized to do business in the State of New Jersey and shall name the owner as an additional insured.

Self-insured contractors shall submit an affidavit attesting to their self-insured coverage and shall name the owner as an additional insured.

C. INDEMNIFICATION

Bidder shall indemnify and hold harmless the owner from all claims, suits or actions, and damages and costs of every by name and description to which the owner may be subjected or put by reason of injury, the person or property of another, or the property of the owner, resulting from negligent acts or omissions on the part of the contractor, the contractor's agent, servants or subcontractors in the delivery goods and services, or in the performance of the work under the contract.

V PRICING INFORMATION FOR PREPARATION OF BIDS

- A. The owner is exempt from any local, state or federal sales, use or excise tax.
- B. Estimated Quantities (Open-End Contracts): The owner has attempted to identify the item (s) and the estimated amounts of each item bid to cover its requirements; however, past experience shows that the amount ordered may be different than that submitted for bidding. The right is reserved to decrease or increase the quantities specified in the specifications pursuant to NJAC 5:30-11.2 and 11.10 NO MINIMUM PURCHASE IS IMPLIED OR GUARANTEED.
- C. Contractor shall be responsible for obtaining any applicable permits or licenses from any government entity that has jurisdiction to require the same. All bids submitted shall have included this cost.

VI STATUTORY AND OTHER REQUIREMENTS

The following are mandatory requirements of this bid and contract.

A. MANDATORY AFFIRMATIVE ACTION CERTIFICATION

No firm may be issued a contract unless it complies with the affirmative action provision of NJSA 10:5-31 et seq. and NJAC 17:27-1 et seq. The following information summarizes the full regulatory text, which is included as Exhibit A of this bid specification.

1. Goods and Services (including professional services) Contracts.

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

- i. A photocopy of a valid letter that the contractor is operating under an existing Federally approved sanctioned affirmative action program (good for one year from the date of the letter); or
- ii. A photocopy of a Certificate of Employee Information Report approval, issued in accordance with NJAC 17:27-4; or
- iii. A photocopy of an Employee Information Report (Form AA302) Provided by the Division and distributed to the public agency to be completed by the contractor in accordance with NJAC 17:27-4.

B. AMERICANS WITH DISABILITIES ACT OF 1990

Discrimination on the basis of disability in contracting for the purchase of goods and services is prohibited. Bidders are required to read Americans with Disabilities language that is included as Exhibit A of this specification and agree that the provisions of Title II of the Act are made a part of the contract. The contractor is obligated to comply with the act and to hold the owner harmless.

C. STOCKHOLDER DISCLOSURE

NJSA 52:25-24.2 provides that no corporation or partnership shall be awarded any contract for the performance of any work or the furnishing of any goods and services, unless, prior to the receipt of bid, or accompanying the bid of said corporation or partnership, bidders shall submit a statement setting forth the names and address of all stockholders in the corporation or partnership who owns ten percent or more of its stock of any class, or of all individual partners in the partnership who own ten percent or greater interest therein. The included Statement of Ownership shall be completed and attached to the bid proposal. This requirement 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. Failure to submit a stockholder disclosure document shall result in rejection of the bid.

D. PROOF OF BUSINESS REGISTRATION

NJSA 52:32-44 requires that each bidder (contractor) submit proof of business registration with the bid proposal. Proof of registration shall be a copy of the bidder's Business Registration Certificate (BRC). A BRC is obtained from the New Jersey Division of Revenue. Information on obtaining BRC is available on the Internet at www.nj.gov/njbgs or by phone at (609) 292-1730. NJSA 52:32-33 imposes the following requirements on contracts and all subcontractors that knowingly provide goods or perform service for a contractor fulfilling this contract.

- 1) The contractor shall provide written notice to its subcontractors and suppliers to submit proof of business registration to the contractor;
- 2) Prior to receipt of final payment from a contracting agency, a contractor must submit to the contracting agency an accurate list of all subcontractors or attest that none was used;
- 3) During the term of this contract, the contractor and its affiliates shall collect and remit, and shall notify all subcontractors and their affiliates that they must collect and remit to the Director, New Jersey Division of Taxation, the use tax due pursuant to the Sales and use Tax act, (NJSA 54:32B-1 et seq.) on all sales of tangible personal property delivered into this State.

A contractor, subcontractor or supplier who fails to provide proof of business registration or provides false business registration information shall be liable to a penalty of \$25 for each day of violation, not to exceed \$50,000 for each business registration not properly provided or maintained under a contract with a contracting agency. Information on the law and its requirements is available by calling (609) 292-9292.

E. NON-COLLUSION AFFIDAVIT

The Affidavit shall be properly executed and submitted with the bid proposal.

VII. METHOD OF CONTRACT AWARD

- A. The length of the contract shall be stated in the technical specifications. Pursuant to requirement NJAC 5:30-5.1 et seq., any contract resulting from this bid shall be subject to the availability and appropriation of sufficient funds annually. Please see Section X, Termination of Contract, Sub-section E for additional information.
- B. The award will be made based on the LOWEST COMBINED PRICE for all items. The unit prices must be furnished for all items, as indicated on the proposal form.**
- C. The form of contract shall be submitted by the owner to the successful bidder. Terms of the specifications/bid package prevail. Bidder exceptions must be formally accepted by the owner.
- D. The owner may also elect to award the contract on the basis on unit prices.

VIII CAUSES FOR REJECTING BIDS

Bids may be rejected for any of the following reasons:

- A All bids pursuant to NJSA 40A:11-13.2;
- B If more than one bid is received from an individual, firm or partnership corporation or association under the same name
- C Multiple bids from an agent representing competing bidders;
- D The bid is inappropriately unbalanced;
- E The bidder is determined to possess, pursuant to NJSA 40A:11-4b Prior Negative Experience
- F. If the successful bidder fails to enter into a contract within 21 days, except Sundays and holidays or as otherwise agreed upon by the parties to the contract. In this case at its option, the owner may accept the bid of the next lowest responsible bidder.

IX TERMINATION OF CONTRACT

- A. If, through any cause, the contractor shall fail to fulfill in a timely and proper manner obligations under the contract or if the contractor shall violate any of the requirements of the contract, the owner shall there upon have the right to terminate the contract by giving written notice to the contractor of such termination and specifying the effective date of termination. Such termination shall relieve the owner of any obligation for balances to the contract of any sum or sums set forth in the contract. Owner will pay only for goods and services accepted prior to termination.
- B. Notwithstanding the above, the contractor shall not be relieved of liability to the owner for damages sustained by the owner by virtue of any breach of the contract by the contractor and the owner may withhold any payments to the contractor for the purpose of compensation under such time as the exact amount of the damages due the owner from the contractor is determined.
- C. The contractor agrees to indemnify and hold the owner harmless from any liability to subcontractor/suppliers concerning payment for work performed or goods supplied arising out of the lawful termination of the contract by the owner under this provision.
- D. In case of default by the contractor, the owner may procure the goods or services from other sources and hold the contractor responsible for any excess cost.
- E. Continuation of the terms of the contract beyond the fiscal year is contingent on availability of funds in the following year's budget. In the event of unavailability of such funds, the owner reserves the right to cancel the contract.
- F. ACQUISITION, MERGER, SALE AND/OR TRANSFER OF BUSINESS, ETC.

It is understood by all parties that if, during the life of the contract, the contractor disposes of his /her business concern by acquisition, merger, sale or transfer, or by any means convey his/her interest(s) to another party, all obligations are transferee to that new party. In this event, the new owner(s) will be required to submit all documents/legal instruments that were required in the original bid/contract. Any change shall be approved by the Owner.

- G. The contractor will not assign any interest in the contract and shall not transfer any interest in the same without the prior written consent of the owner.
- H. The owner may terminate the contact for convenience by providing 60 calendar days advanced notice to the contractor.

X. PAYMENT

- A. No payment will be made unless duly authorized by the Owner's authorized representative and accompanied by proper documentation.
- B. Payment will be made in accordance with the Owner's policy and procedures.

REQUIREMENTS OF PROSPECTIVE BIDDERS
P.L. 1977 CHAPTER 33

(Ownership Statement of Compliance)

BE IT ENACTED by the Senate and General Assembly of the State of New Jersey:

No corporation or partnership shall be awarded any contract nor shall any agreement be entered into for the performance of any work or the furnishing of any materials or supplies, the cost of which is to be paid with or out of any public funds, by the State or any county, municipality or school district or any subsidiary or agency of the State, or of any county, municipality or school district, or by any authority, board or commission which exercises governmental functions, unless prior to the receipt of the bid of said corporation or accompanying the bid of said corporation or partnership, there is submitted a statement setting forth the names and addresses of all stockholders in the corporation or partnership who own 10% or more of its stock, of any class or of all individual partners in the partnership who own a 10% or greater interest therein, as the case may be. If one or more such stockholders holding 10% or more of that corporation's stock, or the individual partners owning 10% or greater interest in that partnership, as the case may be, shall also be listed. The Disclosure shall be continued until names and addresses of every stockholder owning 10% of the stock of the bidding corporation or 10% of the stock of a corporate stockholder owning 10% of the stock of the bidding corporation or their corporate stockholders are submitted non-corporate stockholder, and individual partner, exceeding the 10% ownership criteria established in this act, have been listed.

This act shall take effect immediately.

Also enclosed herewith is the Ownership Statement of Compliance Form in compliance with Public Law 197

TOWNSHIP OF OCEAN INVITATION TO BID

INVITATION

Vendors are invited to bid on the items listed below in accordance with the Bid Specifications and the standard Township terms and conditions.

GENERAL TERMS

Vendor is to deliver all specified services under the direction of the Department of Public Works, and to assist in placing in service all services, materials and equipment contracted for the township. The Township specifically reserves the right to inspect, at its convenience, all services, materials and equipment delivered and to run what acceptance tests it may deem appropriate.

DELIVER

Services and materials shall be delivered as provided in the detailed requirements.

QUALITY

The Township requires quality service, material and equipment. When delivered, if the service, materials and equipment do not meet the Township quality standards, or where the materials and equipment delivered are incomplete or damaged, the Township reserves the right to refuse delivery and the right to return the unsatisfactory item.

RETURN UNUSED MERCHANDISE

The Township reserves the right to return defective merchandise at the time of its use or inspection.

SPECIFICATION TERMS

All bidders must answer compliance questions in full. If a bidder is basing his/her proposals on services other than what is specified in these bid documents and wishes the services he/she proposes to be considered as "approved equal or deviation" 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/she proposes to substitute. Failure to carry out the provisions noted herein may be deemed sufficient reason not to consider the bidder's proposal.

TAXES

Municipality ID # (21-6000-959)

BID SPECIFICATIONS FOR THREE (3) 2013 4X4 SIX (6) CUBIC YARD DUMP TRUCKS WITH SNOW PLOWS & SPREADERS OR EQUIVALENT

Intent:

It is the intent of this specification to describe and govern the purchase of three (3) 2013 4X4 six (6) cubic yard dump trucks with snow plows and spreaders or Equivalent. The complete unit shall be new and of the latest design and be in current production at the time of the submission of the bid. No bid shall be considered unless the vendor submitting the bid can meet the conditions described in the specifications. The referenced model is for example only to depict minimum requirements for the type of equipment described by the Township of Ocean. All standard and optional equipment shall be Original Equipment Manufacturer's items, when available. To assure a standard of quality, the unit shall be manufactured at an ISO-9001 certified factory. **NO EXCEPTIONS.**

Special Instructions:

The bidder must work with the body manufacturer to coordinate a complete package. The delivered unit must be "ready to work", thus all required parts must be included. The bidder must coordinate this. This is the bidder's sole responsibility.

General:

The successful bidder shall make available a **complete unit** for inspection and acceptance by the Township of Ocean **prior** to delivery. The pilot unit inspection shall take place at the Township of Ocean, Township Garage, Sunset Avenue, Ocean, New Jersey. During the fabrication period of the unit, the Township of Ocean reserves the right to make interval inspections, as it deems necessary. A prefabrication meeting shall be scheduled by the Township of Ocean after receipt of purchase order.

If a vendor is submitting an alternate to what is referenced in the specifications, his/her proposal **must** be accompanied by descriptive literature, marked to indicate the exact items to be furnished and engineering drawing documentation of the same. **Failure to supply information requested will result in rejection of bid.** The units must meet all current OSHA, ANSI, ASME, ASTM, ASA, NEC, NEMA, National Traffic and Motor Vehicle Safety Acts and any other applicable standards and/or regulations. The Township of Ocean reserves the right to request certification indicating the units bid have been certified and tested to meet these requirements, with proper documents attesting to said certification. The Township of Ocean shall take into consideration past performance of manufacturer's equipment during bid evaluation.

The Township of Ocean shall, at its discretion, require qualified bidder or bidders to demonstrate equipment bid, at a site designated by the Township of Ocean within two (2) weeks after receipt of said request. **Failure to demonstrate equipment, if requested, will result in bidder being rejected.**

The Township of Ocean shall, at its discretion, require qualified bidder or bidders to submit a list of references who have purchased similar make/models being offered to the Township of Ocean. Failure to supply list of references, if requested, will result in bidder being rejected.

Facilities:

Bidders shall represent a manufacturer, which has in operation a factory adequate for the manufacture of the equipment, which it proposes to furnish. The manufacture(s) whose associated equipment or products are bid, shall have a full service warranty and parts supply facility, located within a reasonable distance of the Township of Ocean, Township Garage, Sunset Avenue, Ocean, New Jersey. This facility will be required to establish an in-house warranty program and provide all warranty work related to the equipment in the bid. The bidder shall submit the location, names and telephone numbers of people who are authorized to service the equipment or can be reached for emergency service.

Location: _____

Phone No: _____ Contact: _____

(Name & Title)

Manufacturer's Production Sheet:

The successful vendor shall furnish one (1) copy of the actual Factory Production Sheet, for each unit furnished. The copies of the Production Sheet shall be submitted at the time of the Township of Ocean inspection of unit.

General Instructions:

No Dealer advertisements shall appear on the unit and manufacturer's logo, decals, and/or advertisements shall be approved by the Township of Ocean prior to installation; **NO EXCEPTIONS.**

Brake linings shall be non-asbestos. The vendor awarded the contract is required to furnish certification, in writing, that the brakes **do not contain asbestos.** The certification shall be furnished to the Township of Ocean inspector, at the time of inspection of the unit for delivery condition and compliance with specifications.

Errors and Omissions:

Inadvertent omissions and/or errors, which may require changes in the attached specifications must be brought to the attention of the Township of Ocean Director of Public Works and Township Manager three (3) business days **BEFORE** bid submission date. All questions shall be answered in writing, to all prospective bidders by addendum. Verbal responses shall not be binding.

Following the award, should successful vendor discover any errors or omissions in the work undertaken and executed by him, he shall immediately notify the Director of Public Works and Township Manager, who shall promptly verify the same. If, with the knowledge of such error or omission and prior to the correction thereof, the bidder proceeds with any work affected thereby, he shall do so at his own risk. The work done shall not be considered as work done under and in performance of this agreement, unless and until approved and accepted in writing, by the Director of Public Works and Township Manager.

It is the responsibility of the furnishing vendor to deliver a complete, operative and efficiently functioning unit.

Specifications Deviations or Substitution:

These specifications are not intended to be restrictive, but are meant to describe the type of unit required for use by the Township of Ocean. **Bidders are warned, however, that failure to carry out the provisions noted herein will be deemed sufficient reason to reject a bid.**

Further, these specifications address the minimum performance requirements of the Township of Ocean. The Township of Ocean will consider alternate products, provided that they meet these minimum performance requirements.

(If bidder is basing his proposal on equipment other than what is specified and wishes the equipment he proposes to be considered as an "Approved Equivalent", he shall submit on a separate sheet in the exact format of the specifications contained herein, an item description, including the make, model and manufacture's name of that which he proposes to substitute. For purposes of comparison, include only those items on each sheet as given in these specifications. Such bidder shall also include, but not as a substitute for the above, manufacturer's literature and specifications).

It shall be the bidder's responsibility to carefully examine each item of the specification. Failure to offer a completed bid or failure to respond to each section of the technical specification (COMPLY; YES NO) will cause the proposal to be rejected without review as "non-responsive". All variances, exceptions and/or deviations shall be fully described in the appropriate section. Deceit in responding to the specifications will be cause for rejection.

It shall further be the responsibility of the bidder when offering an alternate, to furnish proof via manufacturer's drawings, blueprints, certifications, etc., that such is equal or superior to the units specified. **Failure to submit the description or deviations as listed above, will mean the bidder intends to supply the particular item as designated in the specifications and the Township of Ocean will so demand. No substitution will be permitted after receipt of the bids.**

EXCEPTIONS:

All standard and optional equipment listed shall be Original Equipment Manufacture's items when available. **NO EXCEPTION.**

TOWNSHIP OF OCEAN
SPECIFICATIONS FOR THREE (3) 2013 4X4 SIX (6) CUBIC YARD
DUMP TRUCKS WITH SNOW PLOWS AND SPREADERS OR EQUIVALENT

<u>FRAME:</u>	COMPLY	
	YES	NO
160" wheel base/85" cab to axle	_____	_____
Single frame rail, heat-treated alloy steel, (120,000 PSI yield) 10.125" x 3.580" x .312	_____	_____
Nominal frame section modulus to be 14.85	_____	_____
Minimum RBM strength to be 1,780,800	_____	_____
All chassis cross members shall be huck bolt or grade 8 fastened for superior torque retention	_____	_____
Aerodynamic full width Powder coat finished channel steel bumper	_____	_____
36,220 GVWR AS FACTORY MANUFACTURED	_____	_____

EXCEPTIONS: _____

AXLES & SPRINGS:

Front Axle:

Meritor MX-14-120HR 14,000 lb. Set Forward front driving axle	_____	_____
Front axle shall feature a maximum of 32" bumper to axle set back as installed	_____	_____
Front axle factory filled with 75W-90 synthetic lubrication for extended drain intervals	_____	_____
Minimum capacity 14,000 Lb. tapered leaf front springs	_____	_____
All spring hanger brackets shall be cast iron or fabricated steel only	_____	_____
2000 lb. capacity auxiliary rubber front springs for snow plow application	_____	_____
Hydraulic tubular front shock absorbers	_____	_____
Front oil bath wheel seals factory filled with synthetic lubrication	_____	_____

Rear Axle:

23,000 Lb. capacity single reduction rear axle with driver controlled differential lock	_____	_____
Electronic Safety Interlock shall automatically disengage differential lock above 12 MPH	_____	_____
An Audible Alarm shall sound in cab if differential lock remains engaged above 12 MPH	_____	_____
Gear Ratio 5.63:1	_____	_____
Rear axle factory filled with 75W-90 synthetic lubrication for extended drain intervals	_____	_____
23,500 Lb. capacity vari-rate springs with 4,500-Lb. multi leaf auxiliary springs	_____	_____

EXCEPTIONS: _____

BRAKES:	COMPLY	
	YES	NO
S cam style air brakes	_____	_____
Anti-lock braking system, full vehicle wheel control system, 4-channel	_____	_____
Front brake shoes 16.5" x 5.0"	_____	_____
Rear brake shoes 16.5" x 7.0"	_____	_____
Air dryer with spin on replacable dessicant cartridge	_____	_____
Spring actuated brake chambers	_____	_____
All brake chambers shall be rotated forward and up for maximum ground clearance with 4X4 _____	_____	_____
Manual drain valve with pull cords	_____	_____
Dust shields front & rear	_____	_____
Brake lines color & size coded	_____	_____
Air compressor intake line routed through air cleaner	_____	_____
Two air tanks, one primary wet tank & two compartment dry tank	_____	_____
Bendix Tu-Flo 550, 13.2 CFM, gear driven air compressor	_____	_____

EXCEPTIONS: _____

EXHAUST:

Single horizontal stainless steel particulate filter mounted under cab outside right frame rail.		
A frame mounted vertical tail pipe to include stainless heat shield and 90 degree elbow shall be supplied. (Cab mounted exhaust not acceptable)	_____	_____
A dash mounted latch type switch shall be included to inhibit diesel particulate filter regeneration		
When engaged by operator	_____	_____
<i>All engine and engine emission related system fluids must be thermally protected, and if necessary shall be conditioned to remain as a stable liquid, at all times within the normal expected vehicle ambient temperature operating range of -20 degrees F to 100 degrees F</i>	_____	_____

Please describe method of protection: _____

EXCEPTIONS: _____

ELECTRICAL:	COMPLY	
	YES	NO
2-12 volt 925 CCA maintenance free batteries 1850 CCA total	_____	_____
Battery box shall be steel construction with aluminum lid mounted right side	_____	_____
Lever style battery disconnect switch mounted on driver side cab floor under seat	_____	_____
160 amp Leece Neville alternator or equivalent featuring "C" type regulator to produce higher current output at lower engine speed. Alternator to be "Pad" mounted to engine.	_____	_____
Manual reset circuit breakers	_____	_____
Low voltage/low current multiplexed wiring system with programmable electrical system Controller	_____	_____
Body switch circuit for body builder added electrical accessories with six latched switches in instrument panel. One power module with six channel, 20 amps per channel and 80 amps max output, controlled by panel switches through multiplexed wiring, frame mounted, back of cab	_____	_____
Factory installed auxiliary front wiring harness, three feet in length, for auxiliary snow plow lights and turn signals.	_____	_____
Factory installed PTO integration package for electric over hydraulic PTO to include dash mounted switch, audible alarm, indicator light in gauge cluster, PTO hourmeter, and programmable PTO over speed protection	_____	_____
Cigar lighter	_____	_____
Dual electric horns	_____	_____
Low oil pressure indicator & alarm	_____	_____
Low coolant/ high water temperature indicator & alarm	_____	_____
Low windshield washer fluid sensor with dash mounted indicator	_____	_____
Halogen headlamps with warning buzzer in cab if headlamps left on/ truck shut off	_____	_____
Dome light	_____	_____
Dual cab mounted safety lamps to illuminate driver and passenger door entry way and steps	_____	_____
AM/FM radio / with weather band, clock, elec. tune, with multiple dual cone speakers	_____	_____
Steering mounted stalk controls for high/low beams, turn signals, and intermittent wipers	_____	_____
To conform with NJ regulation headlamps shall be programmed to turn on with windshield wipers	_____	_____
Windshield wipers shall be electronically forced to slow when parking brake is engaged	_____	_____
Parking Brake Alarm shall sound when ignition is shut off/ brake not set/ any door opened	_____	_____
Preco 1059 Bac-a-larm 112 dba or equivalent	_____	_____

EXCEPTIONS: _____

COMPLY

POWER STEERING:

YES NO

Gear driven power steering pump with remote translucent reservoir	_____	_____
Black two spoke 18" dia. steering wheel with thumb actuated air horn controls on spokes	_____	_____
Adjustable steering column	_____	_____

EXCEPTIONS: _____

TILTING FRONT END:

Three piece design constructed from fiberglass with separate left and right fenders	_____	_____
80 degree minimum tilt angle	_____	_____
Stationary grille	_____	_____
Bug screen mounted behind grille	_____	_____
Front hood access hatch for fluid checks and engine service when rigged for snow plowing	_____	_____
All fluid checks and service shall be centrally located on left side of engine bay	_____	_____

EXCEPTIONS: _____

ENGINE:

Minimum of 7.6 liter in line six cylinder 24 valve electronic turbo diesel		
270 HP @ 2200 RPM 860 lb-ft TORQUE @ 1300 RPM	_____	_____
Wet Sleeved design cylinder block with plateau honed sleeve bores	_____	_____
Electro-Hydraulic Injection System: All fuel injectors, injector lines, and metering pumps Must be concealed within the cylinder head and valve cover. Exposed fuel lines, injectors, and Injector pumps are not acceptable	_____	_____
Oil pan sump shall be a minimum of 33 quarts for extended service intervals. Oil pan shall be finished in a salt resistant Powder Coat finish for durability and increased rust protection.	_____	_____
Electronic speed control with dash mounted switch	_____	_____
Heavy duty air cleaner with integral snow valve and in cab mounted control	_____	_____

COMPLY

YES NO

ENGINE CON'T:

Remote mounted engine controls for the installation of PTO controls with ignition switch control	_____	_____
Electronic data links allows monitoring of engine operating conditions	_____	_____
Using industry-standard electronic service tool.		
Electronic hand throttle, programmable speed control	_____	_____
Horton Drivemaster direct two speed fan drive with residual torque device for disengaged mode	_____	_____
Minimum 1250 watt engine block heater	_____	_____
EPDM Aramid reinforced radiator & heater hoses with premium Gates heat shrink hose clamps	_____	_____
Minimum of 1228 sq/ inch cross flow aluminum radiator with integrated transmission oil cooler	_____	_____
Cooling system shall be factory filled with permanent type long life coolant	_____	_____

EXCEPTIONS: _____

TRANSMISSION/TRANSFER CASE:

Allison model 3500 RDS transmission with "Wide Ratio" shift pattern	_____	_____
Five (5) forward speeds	_____	_____
Transmission shall be factory programmed for "load based" shift schedules	_____	_____
Transmission and transfer case shall be factory filled with synthetic lubrication	_____	_____
Dash board mounted push button gear selector	_____	_____
Meritor T-4210 two (2) speed transfer case with electric over air controls	_____	_____
Transfer case shall feature remote mounted oil to air cooler	_____	_____

EXCEPTIONS: _____

FUEL TANK/ACCESSORIES:

50 gallon aluminum "D" style tank mounted left side under cab	_____	_____
Cab access on both sides shall be dual full width aluminum Bustin safety steps with first step 19" from ground	_____	_____
Fuel / water separator with thermostatically controlled electric heater	_____	_____

EXCEPTIONS: _____

COMPLY

CAB:

YES **NO**

80" wide, <u>All Steel Cab</u> with a five (5) year warranty against corrosion	_____	_____
107" BBC maximum.	_____	_____
Severe Service cab air suspension system with air bag and shock absorber	_____	_____
Single piece door frames	_____	_____
Interior mounted entry assist handles on each side of cab finished in high visibility yellow	_____	_____
Cab is to be no less then 57.3" inside cab height from floor to ceiling.	_____	_____
Minimum of 2000 square inch one piece curved laminate windshield	_____	_____
Windshield shall be electrically heated to prevent snow and ice buildup while plowing	_____	_____
Air suspension high back drivers seat with air adjustable lumbar support	_____	_____
Non suspended high back passengers seat	_____	_____
Each seat position shall be equipped with an approved seat belt designed to accommodate a person with and without heavy winter clothing. The seat belt webbing shall be bright orange in color, and the buckle portion of the seat belt shall be rigid or semi rigid mounted in an accessible location. Seat belts must comply with NFPA1901 revision 2009-14.1.3.3 standard for a Type 2 pelvic and upper torso restraint style seat belt	_____	_____
Insulated black rubber floor mat	_____	_____
Factory installed air conditioning with APADS protection and diagnostic system	_____	_____
7.00"x 15.75" heated breakaway mirrors with integral heated convex heads	_____	_____
6.00" x 10.25" convex look down mirror mounted above passenger side door	_____	_____
All gauges to include speedometer, tachometer, hour meter, oil pressure, water temperature, transmission temperature, and dual circuit air gauges	_____	_____
Gauge cluster shall include electronic display featuring Odometer, Hourmeter, Trip Miles, Trip Hours, Ambient Thermometer, Directional Compass and Diagnostic Fault Code Read Out _____	_____	_____
Electronic oil change indicator programmable for hours, mileage, or gallons of fuel used	_____	_____
Thermal insulation including dash insulator and engine cover insulator	_____	_____
Tinted windows	_____	_____
Under cab mounted air horns	_____	_____
Exterior color keyed fiberglass sunvisor with integral L.E.D. amber marker lamps	_____	_____
22" Anco snow and ice type wiper blades shall be included	_____	_____

EXCEPTIONS: _____

COMPLY

YES NO

CAB SAFETY CERTIFICATION:

To maximize cab occupant safety the vehicle must conform with SAE J2422 for **Roll Over Crash Tests** as well as FMVSS standards 103, 104, 206, 207, 208, 209, 210 and 302. The cab mounting structure shall be designed to withstand a Forward Pull of twenty (20) times the weight of the cab without separating from the chassis.

Failure to supply proof of compliance may be grounds for rejection.

TIRES & WHEELS:

Goodyear G282 Severe Service Traction 11R22.5 16 ply on the front mounted
On 8.25 DC x 22.5 wheels, hub piloted discs

Goodyear G282 Severe Service Traction 11R22.5 16 ply on the rear mounted
On 8.25 DC x 22.5 wheels, hub piloted discs

Wheels must be equipped with Wheel Guards between hub and wheel for increased rust protection

Wheels must be **Powder Coat** finished in white for increased rust protection

One matching front spare tire/wheel and one matching rear spare tire/wheel shall be included

If bidding tires other than the make and model requested you must provide literature for the equivalent make and model you intend to provide **No Exceptions**

EXCEPTIONS: _____

PAINT:

Truck shall be painted Sikkens #9219 Winter White to match existing municipal paint scheme.

Paint system shall be Base Coat/ Clear Coat two stage paint

Frame to be manufacturer's standard black.

Interior to be Pearl Grey vinyl

EXCEPTIONS: _____

COMPLY

YES NO

WARRANTEE:

Truck chassis shall be covered by a Five (5) year/50,000 mile base warrantee 100% parts and labor _____

Base warrantee shall include towing coverage for up to 500.00 per occurrence. _____

Diesel engine warrantee shall be Eight (8) years / 150,000 miles 100% parts and labor _____
Coverage must include turbocharger, injectors, EGR system, and engine electronics _____

Chassis/Frame warrantee shall be seven (7) years/ unlimited miles 100% parts and labor _____

The successful bidder will be responsible for pick up and delivery for all warranty repairs for the complete truck during the warranty period. _____

A detailed copy of all warrantees specified must be submitted with the bidders proposal _____

EXCEPTIONS: _____

SERVICE & PARTS MANUALS:

Service manuals, Parts manuals, and Wiring diagrams shall be provided on a subscription basis for a minimum of two (2) years.

It will be the bidders responsibility to provide all factory updated material during the two year period at no additional cost to the municipality. _____

NOTE: It is the bidders responsibility to provide a factory worksheet that provides detailed information on all truck chassis equipment supplied. Descriptive factory literature must be included.

Bidder must be factory authorized truck chassis dealer for the equipment being bid. A statement from the manufacturer indicating this must be included with the bid. NO EXCEPTIONS.

Bidder must be licensed by the State of New Jersey for the sale of motor vehicles. A copy of the bidders 2011/2012 Dealer Wall License must be included with the bid. Truck must be delivered with a State of New Jersey title, proper municipal license plates, and registration. Truck shall be State of New Jersey inspected, and New Jersey Department of Transportation inspected with the proper documentation and stickers displayed at the time of delivery.

NO EXCEPTIONS.

Bidder must have a factory authorized service facility within 45 miles of the town garage. Proof of the service location must be provided with the bidders proposal. MapQuest directions preferred. This facility must maintain a parts inventory, which can provide any parts for this truck within 24 hours.

Bidder has a factory authorized service facility within _____ miles from the garage.

TOWNSHIP OF OCEAN
SPECIFICATIONS FOR FABRICATION AND INSTALLATION OF
DUMP BODY, HYDRAULIC SYSTEM, AND ASSOCIATED EQUIPMENT

Intent:

It is the intent of this specification to describe and govern the purchase of fabrication and installation of Dump Body, Hydraulic System, and Associated Equipment. The complete unit shall be new and of the latest design, and be in current production at the time of submission of the bid. No bid shall be considered unless the vendor submitting the bid can meet the conditions described in the specifications. The referenced model is for example only to depict minimum requirements for the type of equipment described by TOWNSHIP OF OCEAN. All standard and optional equipment shall be original Equipment Manufacturer's items, when available.

NO EXCEPTIONS

General:

During the fabrication period of the unit Township of Ocean reserves the right to make interval inspections, as it deems necessary. Each truck shall be fully operational and calibrated in all modes prior to releasing any approval for payment. If a bidder is submitting an alternate to what is referenced in the specifications, his/her proposal **must** be accompanied by descriptive literature, marked to indicate the exact items to be furnished, electrical and hydraulic diagrams, along with an engineering drawing documentation of the same. **Failure to supply information requested will result in rejection of the bid.** The unit must meet all current OSHA, ANSI, ASME, ASTM, ASA, NEC, NEMA, National Traffic and Motor Vehicle Safety Acts and any other applicable standards and/or regulations. Township of Ocean reserves the right to request certification indicating the unit bid have been certified and tested to meet these requirements, with proper documents attesting to said certification.

Township of Ocean shall, at its discretion, require qualified bidder or bidders to demonstrate equipment bid, at a site designated two (2) weeks after receipt of said request. **Failure to demonstrate equipment, if requested, will result in bidder being rejected.**

Township of Ocean shall, at its discretion, require qualified bidder or bidders to submit a list of references who have purchased similar make/models being offered

Facilities:

Bidders shall represent a manufacturer, which has in operation a factory adequate for the manufacture of the equipment, which it proposes to furnish. The manufacturer(s) whose associated equipment or products are bid, shall have a full service warranty and parts supply facility, located within a reasonable distance of the Township of Ocean, New Jersey. This facility will be required to establish an in-house warranty program and provide all warranty work related to the equipment in the bid. The bidder shall submit the location, names and telephone numbers of people who are authorized to service the equipment or can be reached for emergency service.

Location: _____

Phone number: _____ Contact: _____
(name & title)

Errors and Omissions:

Inadvertent omissions and/or errors, which may require changes in the attached specifications, must be brought to the attention of the Township of Ocean Director of Public Works and Engineering **BEFORE** bid submission date. All questions shall be answered in writing, to all prospective bidders by addendum. Verbal responses shall not be binding.

Following the award, should the successful vendor discover any errors or omissions in the work undertaken and executed by him, he shall immediately notify the Director of Public Works who shall promptly verify the same. If, with the knowledge of work affected thereby, he shall do so at his own risk. The work done shall not be considered as work done under and in performance of this agreement, unless and until approved and accepted in writing, by the Director of Public Works.

It is the responsibility of the furnishing vendor to deliver a complete, operative and efficiently functioning unit.

Specifications Deviations or Substitution:

These specifications are not intended to be restrictive, but are meant to describe the type of unit required for use by Borough of Manasquan. **Bidders are warned, however, that failure to carry out the provisions noted herein will be deemed sufficient reason to reject a bid.**

Further, these specifications address the minimum performance requirements of Township of Ocean will consider alternate products, provided they meet these minimum performance requirements.

(If bidder is basing his proposal on equipment other than what is specified and wishes the equipment he proposes to be considered as an "Approved Equivalent", he shall submit on a separate sheet in the exact format of the specifications contained herein, an item description, including the make, model and manufacturer's name of that which he proposes to substitute. For purposes of comparison, include only those items on each sheet as given in these specifications. Such bidder shall also include, but not as a substitute for the above, manufacturer's literature and specifications.)

It shall also further be the responsibility of the bidder when offering an alternate, to furnish proof via manufacturer's drawings, blueprints, certifications, etc., that such is equal or superior to the units specified. **Failure to submit the description or deviations as listed above will mean the bidder intends to supply the particular item as designated in the specifications and the Township of Ocean will so demand. No substitution will be permitted after receipt of the bids.**

All standard and optional equipment listed shall be Original Equipment manufacturer's items when available.

Paint:

All painting shall be done in conjunction with manufacturer's specifications. Cab shall be finished with a high quality, high solid, polyurethane type of paint. Paint shall be applied at the factory. Aftermarket refinishing will not be accepted. **NO EXCEPTIONS**

Exterior color: Winter White

Chassis color: Black

Wheel Color: White

EXCEPTIONS: _____

Training:

It shall be the responsibility of the successful bidder to supply all safety, operational, and service training to Township of Ocean personnel in accordance with all applicable ANSI and OSHA regulations. The safety and operational training shall consist of a complete review and understanding of the manufacturer's owner manual, along with actual operation of the equipment. The instructors shall emphasize all the proper use for safe operation. The service training shall include all general troubleshooting of the engine, drive train, brake system, hydraulic system, and electrical system.

The instructor shall emphasize the proper use of all tools and testing equipment along with general shop safety. The service seminars shall be similar to factory and manufacturer's type schools.

The successful bidder shall supply a complete written outline of the training program, which shall be provided to Township of Ocean

The successful bidder shall also make available to Township of Ocean any future schools and/or seminars. The training shall take place at a site designated by Township of Ocean

The successful bidder shall supply a complete set of computer diagnostics

EXCEPTIONS: _____

Dealer Network:

The successful bidder shall supply a list of Factory authorized service facilities for heavy duty trucks which are near Township of Ocean.

EXCEPTIONS: _____

Warranties:

All units delivered must be guaranteed to be free from defects in materials, design, and workmanship for a minimum period OF 1 YEAR

EXCEPTIONS: _____

Workmanship/ Certifications:

Each completed unit will comply with all state and federal codes and regulations. The successful bidder shall supply final certification of maximum gross vehicle weight ratings.

The use of any of the following items or practices will not be accepted:

- Non-steel fittings on hydraulic pressure lines.
- Excessive use of elbows on hydraulic lines.
- Use of thread tape on hydraulic fittings.
- Use of galvanized fittings or components on the hydraulic system.
- Improper hydraulic line size.
- Use of high pressure hose for hydraulic suction line.
- Scotchlok- type wire splices.
- Non-insulated wire splices.
- Improper hose or wire routing near exhaust, sharp edges, or through holes without grommets.
- Unfinished or sharp edges.
- Improperly prepared, primed and painted surfaces.
- Non- fused electric circuits.
- Hydraulic circuits without pressure relief protection.
- Dissimilar hose metals without liner.

All hydraulic hoses and wiring shall be securely clamped at approximately 18" intervals, shielded from exhaust and include a protective sleeve where necessary to prevent damage and/or failure.

All hoses shall have JIC swivel connections at each end and located in such a manner to aid in easy component replacement.

All systems shall be thoroughly tested and tuned previous to delivery.

All components shall be of American manufacture, totally produced, supplied, and assembled in the United States of America whenever possible.

Township of Ocean reserves the right to reject any and all bid proposals.

EXCEPTIONS: _____

201 STAINLESS STEEL HENDERSON MARK E (or approved equal)

BODY DIMENSIONS

120" long x 86" inside- 96" overall width

UNDERSTRUCTURE

8" I beam longitudinals, combined with a 4" subframe, 12" mounting height, no crossmembers on body. NO EXCEPTIONS. Full depth rear corner posts tied to an 8" deep structural channel rear apron.

FLOOR

¼" AR400 STEEL floor, 4" floor to side radius, one piece floor, seams are not acceptable.

SIDES/ TOP RAIL

Sides shall be 10 GAUGE, 201 stainless steel, one piece construction with formed-in-sheet triple-bend top rail and dirt-shedder catwalk. 30" SIDES, natural stainless steel finish, and one horizontal side brace..

GUSSETS

Full-height side board gussets at front and sideboard gussets at rear to top of gate.

WELDING

Welding continuous throughout exterior.

FRONT OF BODY

To have one-piece cab protector extending 24" forward from front of body and full-height bulkhead weld on type not acceptable.

CAB PROTECTOR

To have 5" front lip. TO SERVE AS A WIND DEFLECTOR FOR TARP AND ROLLER.

TAILGATE

Gate to be two-way operation, manually controlled, with over-center type bottom hardware 42" high tailgate of 10 GAUGE 201 STAINLESS STEEL with medium-duty flush-mounted top hardware.

BOTTOM HARDWARE

Manual release tailgate handle left-front corner, with dual ½" pull rods turnbuckle adjustment.

SHIELDS

STAINLESS STEEL stone shields and rubber mud flaps.

BODY UP LIGHT

Body up light installed in cab, in hydraulic control panel.

SAFETY PROP

Body Safety Prop installed.

CHAINS/ COVERS

Spreader chains and nylon covers with spreader brackets top and bottom.

GREASE FITTINGS

All roller-rod bearing areas to have grease fittings.

WIRING

All wiring encased in vinyl tubing and laced through channels on underside of body. A heavy duty, watertight junction box shall be mounted at the rear of the chassis, upon approval of location by Township of Ocean. All splices shall be encased in heat shrink tubing, and silicone used at any voids where water or contaminants could enter.

LIGHTING

All lighting and reflectors to comply with DOT regulations FMVSS108 Code and all lights shall be LED type. Body shall be supplied with four (4) body lights, two per side, one each front corner rubber mount recessed located two to three inches up from bottom. Full rear skirt shall be furnished with 7 hole punch outs to include: Three light cluster, chassis lights, and clearance lights, one each outside corner. All body clearance lights and three light cluster shall be LED Truck-Lite Model 10205/Y, or an approved equivalent. A heavy duty watertight junction box shall be mounted at the rear. All electrical wiring must be 14/2 conductor type "GP" enclosed in vinyl loom and have watertight connections with minimal splices. All splices shall be encased in heat shrink tubing, and silicone used at any voids where water or contaminants could enter. Body shall be equipped with a mid-body LED turn signal, Truck-Lite Model 22004Y or an approved equivalent. Three (3) LED 4" diameter lights shall be sealed in an aluminum module and attached to each flap bracket. Two (2) red stop/turn/tail, two (2) white backup work light, and two (2) amber flashing. Backup alarm to be mounted in right side module.

REFLECTORS

All body reflectors to be of non-rusting material.

FINISH

Body cleaned and washed.

PINTLE HOOK/ ASSOCIATED ITEMS

A ½" formed steel plate, full width of chassis frame rails with ICC bumper protection attached with properly sized grade eight bolts to frame. Two (2) swivel ¾" cold rolled steel D-Rings 2-1/2" ID with brackets attached to plate. Pintle hook height shall be 26" from ground to center unless otherwise specified by the Township of Ocean. A pintle hook shall be attached to frame via grade eight bolts and in accordance with the manufacturer's specifications. Capacity of Pintle hook shall be 20,000 LBS Gross Trailer Weight.

TRAILER CONNECTIONS

A non-metallic weatherproof seven (7) way trailer socket, AND 6 PRONG Cole-Hersee, or an approved equivalent, shall be mounted through the hook plate and wired to chassis using TTMA standards. Wiring to be connected to supplied junction box.

BACK UP ALARM

An electric Class "A" backup alarm shall be provided and installed at the rear of the truck by the chassis manufacturer. The alarm shall be wired into the back up light circuit. The described sound level shall be a minimum of 112 decibels. The backup alarm to be installed in right rear light module attached to flap bracket.

TRAILER BRAKE CONTROLLER

An electric brake controller shall be supplied and installed in cab. An electric connector, and trailer wiring harness shall be supplied and installed at a convenient, protected location at the rear of the chassis.

SAFETY LIGHTS

Strobe light system shall be designed to provide a minimum of one hundred thousand (100,000) hours of service. 4 clear lens with amber lamps shall be mounted AT, rear, 2 IN face of cab shield and rear corner post. two in rear corner posts. Two in face not to interfere with clearance lamps, one each side. All lights shall be rubber shock mounted in a vinyl grommet and have a minimum of twelve (12) square inches lighting, oval design. Lens and housings shall be sealed polycarbonate. All lights shall be supplied via 18 GA 3 conductor neoprene jacketed cable rated to 600 volts and wired to flash alternately. Entire light system shall be controlled via two cab mounted, properly labeled lighted rocker switches. No power pack shall be required to operate the triple flash LED strobe lights. Switch shall be located within easy reach of operator. All lights shall be mounted in accordance to FMVSS108 and SAE J1318. Lights shall operate between eight (8) and sixteen (16) volts DC. Install two minimum twelve (12) square inch oval LED strobe, stop, turn, and taillights mounted one in each rear corner post. Completely sealed, shock mounted, and wired into chassis light system. Lights shall be located according to all Federal lighting standards and practices (FMVSS 108). Lights shall have diamond shell polycarbonate lens and housing completely sealed and include a heavy-duty shock mounted LED light system. Each diode style light system shall be fourteen (14) volt DC .42 amp. Turn function .3amp, Stop function .3 amp, and Tail function .1 amp. Mounting grommet shall be made of vinyl. All wiring shall be sealed, routed to prevent damage from heat, sharp edges, and moving parts. Wiring shall terminate within a high-impact plastic box to prevent failure. All wires shall be connected to an approved electric insulating plastic terminal block located inside the junction box. Wire entry through junction box shall be via a three (3) piece plastic and PVC compression fitting. Mounting shall not decrease the integrity of the body design and strength.

CHASSIS CAB PROVIDED CONTROL PANEL

The following switches shall be provided by the chassis manufacturer and will be incorporated in the chassis standard wiring and protection. However, it shall be the responsibility of the body supplier to ensure capability of installed equipment with switches provided by the chassis manufacturer. Switches to be marked and set to run Front Strobes, Rear Strobes, Rear Work Lights. PTO. NO EXCEPTIONS

FIRE EXTINGUISHER

A 5 LB ABC fire extinguisher shall be mounted in the cab with a metal mounting bracket. Kidde Model 466164 w/Kidde Model 896697 or an approved equivalent.

SAFETY TRIANGLES

Three (3) safety triangles complying with DOT and Federal Regulations shall be supplied in a storage box and mounted in the cab. Dietz #8-2500 or an approved equivalent.

CONSPICUITY ENHANCEMENT

Each dump body tarp rail and rub rail and rear shall include conspicuity enhancement. Unless specified otherwise, the enhancement shall be alternating red and white stripes. Enhancement shall provide reflection even in daylight hours. Conspicuity tape shall have twelve (12) different patterns of micro-prisms for maximum visibility. The reflective system shall be impervious to ultra- violet radiation via internal pigmentation with acrylic layer protection. Conspicuity tape shall withstand all weather conditions and repeated washing and meet all FMVSS108 requirements.

TARP & ROLLER

A tarp system shall be provided and attached to dump body. Reference: Donovan "Bullet Series", electric tarp and roller with in cab switch. NO EXCEPTIONS.

Model UB-7-17 (or approved equal)

Double-acting, Class 60, low mount underbody hoist, 18 ton capacity, power up, power down, hoist must be NTEA approved. Distance between chassis rails and floor of body not to exceed 12".

SINGLE-cylinder high pressure. 18" STROKE WITH A 2 YEAR CYLINDER WARRANTY

Integral cylinder relief

Scissor-type with minimum 50 degree dump angle.

Full- width rear hinge bar

Body lift under longitudinals

CONNECTING PIVOTS HAVE REPLACEABLE COMPOSITE BUSHINGS
ALL CONNENCTING PINS AND TRUNNION PIVOT SHAFT HAVE STAINLESS STEEL PINS .

EXCEPTIONS: _____

Hydraulic Specification

HYDRAULIC PUMP AND PTO:

The hydraulic pump shall be an axial piston pressure and flow compensated load-sensing type. The pump shall have a displacement of 5.61 cubic inches per revolution at maximum stroke which will deliver 23.7 GPM @ 1000 engine RPM. The pump shall have a minimum 2" inch suction line and ½" control drain line plumbed directly back to the reservoir. The pumps compensator shall have rear facing adjustments. The pump shall be rated for 5800 PSI maximum and 4800 PSI continuous. The pump shall have a Din type-mounting flange and a Din 5462 8-tooth shaft. The pump shall be **TXV92 or prior approved equal**. A Chelsea 278 series hot shift PTO that is mounted to the transmission shall drive the pump.

SHUT DOWN SYSTEM:

The system shall be designed so that when the float contacts close, the PTO will disengage and stop pump flow. An enunciator in the cab that is on a control panel will alert the driver that the PTO has been disengaged. The control panel will also incorporate an override switch wired to de-energize the shut down system to facilitate diagnostics and equipment storage.

RESERVOIR/ VALVE ENCLOSURE:

- The hydraulic reservoir will be of 35 gallons nominal capacity.
- The hydraulic reservoir will be constructed of 10-gauge stainless steel and be internally baffled.
- Mounting bracket is to be designed and supplied by the reservoir supplier.
- Mounting system should allow for a 1" frame clearance for frame obstructions.
- Shall be mounted in a manner as to not transmit any truck torsional loads thru the tank.
- The enclosure will use a gasket-less passive technology. (No rubber seals, gaskets, or weather stripping.)
- The enclosure lid will be removable within seconds by one person without the use of tools.
- All valve fittings, hose ends, filter, filler breather, sending units and any electrical connections are to be protected by enclosure cover.
- The reservoir supplier will provide all valve fittings (JIC connections) and plumb the return line from the valve to the filter.
- The cover will protect from both road and pressure washer spray.
- The use of bulkhead fittings is not permitted.
- The directional control valve must be easily accessible from all (6) sides without the use of tools.
- Hose exit and entrance must allow for components to be mounted adjacent to the enclosure.
- A 2" full flow brass ball valve shall be plumbed at the suction port of the tank.
- A low oil/high temp sending unit shall be mounted in the reservoir.

The valve/tank assembly shall be a **model "VT35 Stainless Steel Valve/Tank Assembly"** or prior approved equal.

FILTER:

Hydraulic oil filter shall be mounted in the reservoir. Hydraulic filter shall be a 16-micron absolute and rated for no less than 60 GPM. Filter shall be model TEF31016VG16SP-UG60E115 or prior approved equal and include visual and electrical bypass indicators. A warning light shall be mounted in the cab and wired to the electrical indicator. The system shall be delivered with one spare filter element.

HYDRAULIC CONTROL VALVE:

The hydraulic valve shall be of modular manifold design. Each hydraulic function requires an individual manifold stacked together to form the manifold base. The manifold base shall consist of an inlet section with SAE #16 inlet porting, SAE #20 outlet porting, and SAE #4 load sense porting. There shall be a main system relief in the inlet section to protect the system from high pressure in case the pump compensators fail. The hydraulic control valves shall be pulse-width modulated, proportionally controlled. Each hydraulic valve segment shall be individually mounted to the manifold base assembly and be serviceable without removing any hydraulic hoses or any other hydraulic valve segments. Each hydraulic valve segment shall have individual pressure compensation to achieve independent simultaneous operations. All segments shall have heavy-duty continuous duty coils and connections shall be with Din connectors. All coils shall operate at 12 VDC and require a maximum of 1400 mille-amps. Each segment shall be equipped with a manual override except for the auger and spinner sections. The dump body segment shall be rated to 40 GPM, with all other segments rated to 20 GPM. If a double acting hoist is utilized, the dump body segment shall be equipped with a down side relief to protect the body down function. This relief shall be

set to the hoist manufacturer's specifications. Valve segments shall be **Add-A-Fold®** model or prior approved equal.

The valve is to be arranged as follows:

- Hoist 4-way with 500 PSI down side work port relief valve
- Plow lift 4-way
- Plow angle 4-way
- Auger 2-way
- Spinner 2-way

CONTROL CENTER:

Controls for all valve functions and electronic spreader control will be integrated into a single, self-contained control center. The control center shall be a padded armrest style that is ergonomically designed. Control center shall be modular in design for ease of installation and service, and wiring and connectors shall be color coded throughout. A sealed, pre-wired harness for all valve controls must be provided. All components must be durable for long life and trouble free operation.

The electronic controller shall be a fully proportional multi-stick controller to operate all cylinder functions. Controller shall be of a modular design. Multi-stick communication electronics shall include as standard the capability to control the proportional outputs simultaneously. The control is available in a 2-stick or 3-stick configuration. Controls for spreader must be located on armrest at the operator's fingertips. There shall also be four auxiliary switches available with one other being the main power switch for the spreader control. The switches shall be located between the joysticks and spreader control.

For ease of operation the multi-stick control shall include the following features: a momentary push-button at the top of the hoist stick to provide hoist-interlock. A solid-state red LED labeled "Hoist" shall illuminate when the driver engages the hoist interlock button. The "Hoist" LED shall remain illuminated while the hoist is under operation. The "Hoist" LED shall be integrated into the communication control circuit and will time-out after a period of hoist inactivity. The plow joystick shall include a momentary pushbutton for activation of remote standby, remote blast or the truck body vibrator. The multi-stick communication hardware/software shall include 4 integral float options. The use of add-on float modules is unacceptable. For flexibility of use the integral float programming shall have the following standard features: (4) axis functional float on any or all of the outputs with selectable forward/back, right/left functionality, 3-way or 4-way functionality, selectable (3) second float delay timer and optional float enable switch inputs. To insure longevity of performance all lighting to be solid-state LED technology. The use of incandescent lamps or EL backlighting is unacceptable. Function joysticks shall be of contact less design and offer up to a 5-Million cycle life. The use of potentiometers is unacceptable. To insure safe operation, joystick communication hardware/software shall include the following standard features: input power monitor circuitry and output shut down during low-voltage conditions, power-on joystick input off center checking and output shutdown, joystick out of range checking and output shutdown and true outputs off with joystick centered, Multi-stick control shall employ solid-state LED backlit nomenclatures on positions 1,2, and 3. For ease of service the multi-stick control shall have the following easily accessible at the valve drive module, located under the armrest padding: Sets of MIN/MAX adjustments, output status indicator LED's for each output and output error status indicators with flashing error codes. The pivot point for the armrest pad shall be located at the rear of the unit. The multi-stick control shall have self-diagnostic valve output drivers that detect over current and over temperature conditions. To insure longevity, multi-stick control shall have solid-state overload protection. A heavy-duty prewire valve harness shall be included for cylinder functions as well as for the spreader functions.

The electronic spreader control Model SSC 5100 or equivalent, shall be designed for precise, closed-loop control of granular and pre-wet liquid application as standard and shall have the ability to control direct application liquid when optional equipment is selected. The electronic spreader control shall have a **field replaceable** battery back up that protects memory functions. Data memory shall be 512K RAM. For data logging, unit shall retain a minimum of four thousand (4000) events. The electronic spreader firmware shall be upgradeable by downloading files from the supplier's web site at no charge to the municipality for the life of the unit. The unit must be protected from reverse polarity, as well as be over-voltage protected by using a five-amp reset circuit breaker. All circuit boards to be conformal coated. The spreader control is to be capable of self-diagnostics for system errors and correction procedures. Error log shall be in plain text, coded messages that require an additional document to interpret are not acceptable. The log shall include the last 125 errors associated with the spreader control including the date and time of each error.

As standard, the control unit shall have password protection to prevent unauthorized access to the calibration parameters. The password shall be programmable. The unit shall also utilize iButton technology that is capable of using a Supervisor key to provide access to the parameters without the access code. As an option, iButton technology shall be available for saving and loading of calibration parameters through the use of a Calibration key. The control unit shall be capable of self-calibration of auger/conveyor feed rates and require no additional timepieces to calibrate. Programming shall allow for blast function to be set one of three ways: momentary, timed or by distance traveled. The unit must also be capable of spreading up to four different granular materials and ten programmable spread rates. Controller shall have programmable nomenclatures for granular and pre-wet materials. Programming shall provide for automatic default to open loop in the event of a feedback failure. The unit must provide three operational modes: manual, open loop (ground speed only) and closed loop (ground speed with auger/conveyor feedback). Programming shall also provide for two-speed axle input as required.

Spreader display unit shall be a modular "heads up" display, mounted to truck dash in easy view of the operator. The heads up display will also provide four warning light options illuminated in red for low oil, body up, oil temp, and filter bypass. Text display shall consist of a two line alphanumeric fluorescent display that shall inform the operator of spread rate information (US or metric) and calibration parameters.

The unit must be capable of downloading data to a serial printer or PC computer through the use of a bi-directional RS232 port when complete data is required. The unit must have ability to control four compensated valve outputs. Unit shall have a standby (pass) and blast feature as standard. Unit shall provide stationary unload functions on granular, pre-wet and direct functions. The unit shall also be upgradeable for event logging and temperature compensation. The control shall have a programmable jump-start speed feature to provide immediate material flow at one MPH. The unit must be programmable to interface with road temperature sensors, direct liquid application systems, and AVL/data management equipment. For other seasonal use, the control must have the ability of measuring distance driven in feet or meters, using a start, stop, and reset method. It shall also be upgradeable for dust control application. The control shall be mounted on a switch base that includes 9 rocker type switches with manual reset breakers..

HYDRAULIC LINES AND PLUMBING:

All hydraulic lines and plumbing shall be of sufficient capacity so as not to create heat or turbulence within hydraulic system. Suction line between reservoir and pump shall be a minimum of 2 in. I.D. with a minimum SAE 100-R4 rating and shall be secured on both ends via heavy duty banding straps, radiator hose clamps unacceptable. All pressure hoses, including signal sense to pump shall have swivel fittings on both ends and have a minimum SAE 100-R2 rating. Return lines and case drain shall have minimum SAE 100-R1 rating.

Hydraulic lines shall be routed to minimize interference with equipment and chassis components requiring periodic servicing. Support brackets, grommets, and tie wraps shall be provided where appropriate to protect lines from damage by abrasion, cutting or impact.

Hoses shall not be routed near exhaust manifolds pipes, bolts, sharp edges, and exhaust system to prevent wear, fatigue, or fire. Pipe fittings are not acceptable in any high-pressure line. Maximum distance between support clamps on all hydraulic lines shall be 24in.

EXCEPTIONS: _____

Plow and Plow Hitch Specification

PLOW HITCH: GLEDHILL OR APPROVED EQUAL

The complete hitch and hydraulic system including design, engineering, pump, fittings, valves, hoses and all components shall conform to the highest quality of commercial hydraulic installation standards and provide long life and trouble free service in a severe duty operational environment.

Hitch and plow to be engineered, designed and built by a recognized snow plow manufacturer. The snow plow hitch shall be designed to provide support for a variety of front mounted gear or piston load sensing pumps. The design shall limit the amount of front overhang to a minimum.

A truck frame extension is not required for the mounting of the hitch.

Heavy Front Frame hitch of modular design shall allow the cab hood to tilt forward a sufficient amount to allow proper engine access.

Side plates will transmit plowing forces directly to the truck frame side rails and will custom to fit the specified year, make and model of the truck(s).

The side plates are custom fitted 5/8" steel plate of proper length and construction for heavy duty service and shall provide adequate clearance for steering mechanisms and spring suspensions.

The specified truck bumper shall be cut and attached to either side of hitch side plates and reinforced as required using custom made bolt-on plates for easy replacement.

The front sections of the hitch assembly, lift frame, center section and the lower push plate shall all be welded to the two (2) vertical tubular supports.

The tubular supports are to be constructed of 4" x 4" square tubing x 1/2" thick wall. Vertical tubular supports to be a minimum of 45" tall.

The center cylinder and pump structural section to be built with a 3/4" x 6" plate reinforced by a 4" x 3" x 1/2" angle and two (2) 1/2" x 3" lift cylinder ears. This plate shall run from tube to tube.

Included shall be a minimum of a 4" diameter hole to allow the pump driveline to pass through to connect to the hydraulic pump, either gear type or piston load sensing.

Two (2) bumper support angles shall be welded to the main tubular supports and shall be at least 6" x 4" x 3/8".

A front bumper shall be included and made of at least 8" @11.5# channel. There shall be two (2) each 1/2" x 5" gussets supporting the angles.

The hitch lift beam shall consist of two (2) 5/8" x 3" bars, secured by 10 gauge top cap and a minimum of three (3) 1/2" x 3" spacers.

This beam shall be assembled so the beam may drop down to allow full tilting of the truck hood without any interference. Pivot pins shall be 1" diameter minimum Grade 5.

A mounting ear shall be provided to lock the beam in the down position. In the drop down position, the lift cylinder shall be so positioned that if accidentally extended, will not cause any damage to the hitch or truck.

The lift arm shall attach to the top lift frame, which shall be a 4" x 3" x 1/2" angle and four (4) 1/2" x 3" ears. Attachment shall be made by two (2) 1" pins having at least 72,700 pounds of tensile strength.

The lower push plate main member shall be fabricated from at least 1/2" steel plate with the exception of the curved pushing plates that shall be 5/8" steel plate.

It shall run between and be solidly attached to both tubular support members. Additional gussets of 1/2" thick material shall also be furnished for maximum strength. The quick hitch shall provide self-alignment with the mating plow section while being engaged.

Sufficient openings shall be provided in the bottom and back part of the fabricated member to prevent the build up of ice and/or snow.

An automatic cast coupling hook of high carbon steel shall pivot inside the fabricated member. It shall have an effective working cross section of at least 12 square inches and shall latch automatically when the mating plow portion is in the engagement position.

A spring loaded lock pin shall accomplish the dual function of preventing unwanted locking in the open position and to hold the latch positively in the closed position.

Design consideration will allow permissible plow misalignment of a range of 6" in height and 7" left to right of center.

The plow hoist cylinder shall be of premium grade and shall be a double acting 3" bore x 10" stroke. The rod is to be of steel construction, treated with a nitro steel process.

The ram sleeve or outer barrel will be such that the rod packing may be maintained or replaced as required. A positive stop must be incorporated that will help prevent mechanical pressure being applied to the packing when the rod is fully extended.

The cylinder shall be capable of 14,137 lbs. of thrust @ 2000 PSI and 16,000 lbs. Of bursting pressure @ 2000 PSI and 16,000 lbs. of bursting pressure @ 2,000 PSI. Minimum weight of the cylinder shall be 28 lbs., ports to be 3/8".

Hitch shall be tested three dimensionally for stress using a computer generated finite element analysis (FEA) program. This software must comply with Section 10CFR50, Appendix B, and 10CFR21 of the code of Federal Regulations established by the Nuclear Regulatory Commission (NCR), as well as being ISO 9001 compliant. No more than 9500 KSI of stress on the hitch shall be realized when a total load of 2500 lbs is applied forward and parallel to the ground at the location of the pinned lift beam/top section ear connection. No more than 7100 KSI of stress on the hitch shall be realized when a total load of 5000 lbs is applied rearward and parallel to the ground at the QCP push plates. A color print showing stress levels, with information regarding type of mesh, size of mesh, and type of stress, must accompany the bid.

FOLDING LIFT BEAM:

The folding lift beam shall consist of (2) 1/2"x 3" bars, secured by a 1/4" thick cap and (2) 1/2"x 3" ears assembled so the beam may fold to allow full tilting of the truck hood without any interference. Lift arm folds out of the way when not in plowing use. The pivot bolt shall be 1" dia. min. grade 5 bolt.

In the folded position the lift cylinder shall be so positioned that if accidentally extended, will not cause any damage to the hitch or truck.

SNOW PLOW LIGHTS:

Lights to be mounted with STAINLESS STEEL brackets that attach to the fender and hood. Wiring to be loomed and grommeted. Lights to be positioned with enough height clearance when plow is in the fully raised position.

EXCEPTIONS: _____

HIGH STRAIGHT MOLDBOARD "BUILT-IN BAFFLE" SNOW PLOW (Gledhill or equal)

MOLDBOARD:

Shall be engineered, designed and built by a recognized snow plow manufacturer. There must be a min. of 50 plows of the exact make and model bid in satisfactory use for a period of not less than 3 years. Certification as to the above shall be supplied within 5 working days if requested.

The moldboard shall be a minimum of 42" uniform height and 11ft. long at the cutting edge. The moldboard shall be made of not less than #10 ga. steel, paneled for additional strength with built in deflector (baffle) of unitized design.

The moldboard shall have the built-in baffle design providing a continuation of the moldboard ribs and contour a minimum of 12" overhanging the cutting edge (no bolt-on assemblies permitted). A top reinforcing angle shall be made of not less than 3" x 2" x 3/8", running the full length of the moldboard.

The vertical ribs shall fully extend to the built-in baffle angle. At the bottom, a one piece structural angle at least 4" x 4" x 3/8" shall reinforce the moldboard. To this angle, a cutting edge backing of 5/8" x 3" shall be welded and further braced by gussets a minimum of 1/2" x 2-1/2" welded between each cutting edge bolt position.

The front face of the cutting edge shall be flush with the moldboard face to prevent snow buildup on the top surface of the blade.

The moldboard shall be reinforced with a min. of (8) full length vertical ribs of at least 1/2"x 3" formed steel, continuously welded on both sides of edge to the moldboard sheet.

The lower rear cross angle shall be provided with at least (14) ears, 3/4" thick, for attachment to the table assembly at 7 point (min.) with 1" dia. grade 5 pins.

The cutting edge shall be of abrasion resistant steel C1090 or equal with a Brinell hardness of 250 min. and 325 max. It shall be 1/2" thick x 6" wide and full length of moldboard, AASHO standard punched.

TRIPPING MECHANISM:

Trip moldboard with 4 external trip springs shall be installed on plow.

The extent of the forward motion of the moldboard shall be controlled by a mechanical telescopic tripping post assembly constructed of at least a 1-1/4"x 2" inside bar, 3/4" x 2-1/4" outside bars. The tripping post assembly shall be independent of the springs and shall prevent the top of the moldboard from contacting the road surface.

PLOW HYDRAULIC REVERSING TABLE OR SEMI-CIRCLE:

Shall have at its front a minimum of (14) ears, 3/4" thick on 88" hinge point centers for attachment to the moldboard assembly at five (5) points.

Attachment pins shall be 1-1/4", 105,000 pounds tensile strength pins.

The four (4) tubes comprising the table shall all be a minimum of at least 5" x 5" x 5/16" wall tubing. Angle irons not acceptable.

Connecting reinforcements from the front tube to the side tubes shall be four (4) 5/8" thick plates welded together for maximum strength.

Additional inside corner reinforcements shall be 3/8" thick plates.

The cylinder hook up points shall be the 5/8" plates with all cylinder holes to be reinforced with heavy wall tubing of sufficient length so as to not allow more than 1/4" cylinder pin to be exposed at the shear point, thus minimizing the chance of pin bending.

Table shall also provide positive stop blocks to stop the plow at 35 degrees to relieve the stress on the cylinders. Supporting and reinforcing the front tube shall be 1/2" 3-1/2" flats, 1/2" x 4" flats and a 5" x 3" angle.

Attached to each end will be plates of 1/2" x 7" material to which carrying devices such as cast shoes or caster wheels can be bolted.

The carrying device plates shall be further reinforced by an angle of not less than 4" x 4" x 1/2" and 1/2" thick plate steel.

Two (2) jockey bar ear attachments will be located on top of the angle reinforcements and shall be at least 1-1/4" x 3-1/2" material. These ears shall accept the corresponding jockey bars which in turn connects to the moldboard assembly.

The lift chain assembly shall include a zinc plated 7/16" proof coil chain along with a cast steel chain block to help facilitate reversing the plow from right to left.

PLOW A-FRAME:

A-frame shall consist of four (4) structural tubes a minimum of 4" x 2" x 3/16" wall tubing and two (2) 5/8" thick plates.

This configuration shall be as two (2) a-frames, one of which rides above the table and one of which rides below the table, these two being joined in the rear by a full piece of 3/4" plate to form a deep "C" type configuration, which straddles the table.

The tubing runs from the rear to the front on both top and bottom. The front of the tubing is joined together and reinforced on the top and bottom respectively by 5/8" plates, which extends from the pivot point back to the reversing cylinder hook up point and acts as an integral part of both of these points.

Points are reinforced with heavy wall tubing to provide bearing surface for the pins and bolts.

The a-frame to table pivot bolt shall be at least 2" diameter, 1045HR material and furnished with a slotted hex nut. A center cylinder pin common to both cylinders shall be 1-1/4" diameter.

Connecting the four (4) push channels shall be the plow portion of the quick hitch. This member consists of a high carbon steel bar 1-15/16" diameter cold formed into a "U" shaped loop.

The loop shall penetrate into and weld to a 4" car channel which shall in turn be welded to the table push beams. The entire table assembly shall be designed to allow ample raising, lowering and oscillation of the plow.

Permissible misalignment in hitching: Loop at rear of plow can be high or low through a range of 6". Truck can be right or left of center through a range of 7".

The lift chain assembly shall include a zinc plated 7/16" proof coil chain, repair link, 1/2" anchor shackle and a 7/16" grab hook clevis.

PLOW HYDRAULIC REVERSING MECHANISM:

Shall consist of two (2) double acting hydraulic cylinders of at least 4" inside diameter with piston rods at least 2" diameter with a stroke of at least 12".

Cylinder piston rods to be treated with a nitro steel process to help prevent rusting. Chrome piston rods not acceptable.

These cylinders shall be capable of reversing the plow from 35 degrees right to 35 degrees left, or hold the plow at any angle within this arc. The cylinder geometry and components of the hydraulic system shall be designed to hold the plow at any desired plowing angle without recourse to a locking device, under maximum load, without overloading rated capacities.

SNOW PLOW MARKERS:

Snow plow to be equipped with (2) plow markers. Markers to be constructed of high density polyethylene, 1-1/4" OD x 1" ID by 24" long, safety yellow with a flexible joint at the bottom & attached to the plow by means of cotter pins.

OPTIONS TO BE INCLUDED WITH PLOW:

CARRYING DEVICE:

Skid shoe assemblies must be of the hand adjustable type, enclosed and fully lubricated, with replaceable chilled cast iron shoes, mushroom shaped, at least 11" in diameter and 2 1/2" thick. The adjustment shall be accomplished by an Acme threaded screw, operated by a hand crank with rotating knob which shall be self locking and shall operate without the use of any tool.

CURB SHOE:

Fabricated right and left hand curb shoe.

A RUBBER DEFLECTOR SHALL BE PROVIDED ON FRONT LIP OF PLOW

LEVEL LIFT: (Gledhill or equal)

Shall provide an automatic, mechanically activated mechanism that will hold a raised plow moldboard equal distance from the ground to the bottom of the cutting edge on both sides. The level lifter will hold an equal elevation regardless of height raised above ground and regardless of moldboard plowing angle, whether full right, bulldoze, full left, or anywhere in between. Moldboard plowing angle can be changed to any desired position maintaining equal elevation without first lowering plow, changing plowing angle, and then relifting. Shall be provided with (2) lifting chains, 7/16 proof coil chain x 60" long.

EXCEPTIONS: _____

SPECIFICATIONS FOR A V-BOX SAND AND SALT SPREADER

304 STAINLESS STEEL CONSTRUCTION

GENERAL:

This specification shall describe a V-box material spreader or approved equal, capable of hauling and spreading free flowing granular materials. This unit shall consist of a steel body, rear discharge conveyor, spinner disc, power drive, and all components necessary to make a complete operating unit. Bidders must submit with their proposal complete specifications on the unit they propose to furnish.

1.	MINIMUM BODY REQUIREMENTS	COMPLIANCE
1.01	Capacity to be (5.6 .) yd ³ struck	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.02	Inside length to be (10) feet	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.03	Inside top width to be 84"	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.04	Side slope to be 45 ⁰ minimum	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.05	Front & rear panels slope; rear 9 ⁰ , front 18 ⁰	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.06	Hopper seams to be continuous welded on outside	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.07	Sides, ends, & side supports to be 10 gauge 304 SS.	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.08	Top edge of hopper is formed "J" channel 2" x 7/8"	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.09	Body floor is 7 gauge 304 SS bolt-in replaceable	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.10	Long sills to be 7 gauge 304 SS w/ formed chain shields	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.11	Cross sills to be 3" formed 7 gauge 304 SS; welded to side supports	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.12	Feedgate is 10 gauge 304 SS 10"x18"; screw-jack adjustable curbside	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.13	Lift hooks on each corner are 1/4" x 2" formed 304 SS plate	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.14	All hopper hardware is stainless steel	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.	MINIMUM CONVEYOR REQUIREMENTS:	
2.01	Rear discharge pintle chain conveyor to be 24" wide	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.02	Heat treated alloy steel chain; 21,000 lbs./strand tensile strength	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.03	Chain pins to be 7/16" diameter with 2-1/4" pitch	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.04	Cross bars to be 1/4" x 1-1/2" on 4-1/2" centers	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.05	Cross bars must lay flat on conveyor floor	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.06	4" idler adjustment minimum	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.07	Chain tension adjusting rod to be 5/8" diameter stainless steel	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.08	Drive shaft to be 1-1/2" diameter alloy steel	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.09	Idler shaft to be 1-1/4" diameter with roller bearings	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.10	Conveyor sprockets to be 6 tooth self-cleaning cast iron; keyed to drive and idler shafts.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	CONVEYOR GEAR CASE:	
3.	Hi-tensile cast iron housing; oil tight with breather and oil level plug	<input type="checkbox"/> Yes <input type="checkbox"/> No
302	50:1 reduction; steel worm gear to be hardened and ground; aluminum bronze output gear; 90,000 lbs. tensile strength	<input type="checkbox"/> Yes <input type="checkbox"/> No
303	Output bearings to be tapered roller type	<input type="checkbox"/> Yes <input type="checkbox"/> No
304	Extended input shaft to accept optional application rate sensor Hydraulic motor mounts directly to gear case eliminating torque arms, sprockets, chains, and couplers	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	304 STAINLESS STEEL SPINNER CHUTE ASSEMBLY	<input type="checkbox"/> Yes <input type="checkbox"/> No
401	10 gauge 304 Stainless Steel enclosed design. All mounting and adjustment hardware (pins, rods, bolts, nuts) shall be 304 Stainless Steel.	<input type="checkbox"/> Yes <input type="checkbox"/> No
402	(4) position telescopic adjustment; 29"-38" below mounting surface	<input type="checkbox"/> Yes <input type="checkbox"/> No
403	Two (2) 304 SS baffles shall be positioned at the bottom of the spinner chute to direct flow of materials onto spinner disc for directional spread pattern adjustment	<input type="checkbox"/> Yes <input type="checkbox"/> No
404	The two (2) 304 SS spread pattern adjustment baffles shall each have 5 (five) positions of adjustment without the use of tools. The baffle(s) shall utilize a 304 SS notched bar that pins into position for positive lock.	<input type="checkbox"/> Yes <input type="checkbox"/> No

404	Four (4) 304 SS bottom spinner deflectors shall be over-lapping to prevent loss of granular material when the deflectors are raised. Front deflector is fixed.	<input type="checkbox"/> Yes <input type="checkbox"/> No
405	The 304 SS bottom over-lapping spinner deflectors shall have four (4) positions of 304 SS rod and pin adjustment without tools. Chain adjustable deflectors are not acceptable.	<input type="checkbox"/> Yes <input type="checkbox"/> No
406	The bottom over-lapping spinner deflectors shall have the capability to be easily removed and/or replaced without tools.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.07	10 gauge 20" diameter spinner disc to have replaceable machined hub	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.08	Six (6) 10 gauge 409 SS bolt-on replaceable spinner vanes.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.09	Spinner hydraulic motor shall mount directly on top of spinner disc. Bottom mount motor or drive shaft with bearings not acceptable	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.10	The top mounted spinner motor shall be enclosed in the spinner chute to maximize granular material flow to the spinner disc. For serviceability, the spinner chute shall have open access to the spinner motor.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.11	A 304 SS spinner bypass chute shall be provided that allows for the stationary unloading of granular material. When in the pivoted "down" position, the chute shall provide complete bypass of the spinner and bottom deflectors. When in the "up" position, the chute shall become part of the enclosed spinner chute allowing granular material flow to the spinner. The bypass chute shall have a quick latch system pinning into position without the use of tools.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	PAINT:	
5.01	All metal surfaces are to be high-pressure cleaned with a phosphate solution to remove slag, splatter, oxide, and oil residue	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.02	Non-stainless steel parts to be painted aluminum	<input type="checkbox"/> Yes <input type="checkbox"/> No

LIQUID PRE-WET SYSTEM

503	2- 90 gallon poly tanks with spray bar, hydraulic operation with all 304 ss hardware will be mounted on spreader , all control will be through spreader control. All components will be housed in ss enclosure mounted -	<input type="checkbox"/> Yes <input type="checkbox"/> No
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PROPOSAL FORM

TOWNSHIP OF OCEAN

Pursuant to and in accordance with the Purchaser's General Instruction, Requirements and Specifications for Bidders relating hereto, the undersigned hereby offers to furnish and deliver the following: Three (3) 2013 model 4X4 six (6) cubic yard dump trucks with snow plows and spreaders in accordance with the Specifications for the following price:

Three (3) 2013 model 4X4 six (6) cubic yard dump trucks with snow plows and spreaders.

Unit price each \$ _____

Total price \$ _____
(3)

TOTAL OF BID: \$ _____

GRAND TOTAL \$ _____

GRAND TOTAL OF BID IN WORDS: _____

One Hundred percent (100%) of contract price will be required at time of final inspection, signed acceptance, delivery and training on the completed refuse trucks and universal containers.

BID GUARANTEE

Accompanying this proposal is a Bid Guarantee, in the form of a Bid Bond or a Certified or Cashier's Check payable to the order of the

TOWNSHIP OF OCEAN

In the sum of _____ dollars (\$_____)

Which the undersigned agrees is to be forfeited as liquidated damages, and not as a penalty. If the contract is awarded to the undersigned and the undersigned shall fail to execute the contract for a project or furnish the bonds required within the stipulated time; otherwise the check will be returned to the Undersigned.

COMPANY -

SIGNATURE _____

Witness

TITLE _____

(SEAL)

ATTACHED BID BOND

CONSENT OF SURETY

A performance bond will be required from the successful contractor on this project, and consequently, all bidders shall submit, with their bid, a consent of surety in substantially the following form:

In consideration of the premises and of One Dollar (\$1.00), lawful money of the United States, it is in hand paid by the CONTRACTOR, the receipt whereof is hereby acknowledged, the undersigned surety consents and agrees that if the contract, for which the preceding estimate and proposal is made, be awarded to the person or persons submitting the same as contracted, it will become bound as surety and guarantor for its faithful performance, in an amount equal to one hundred percent (100%) of the contract price, and will execute it as party of the third part thereto when required to do so by the OWNER, and if the said CONTRACTOR shall omit or refuse to execute such contract, if so awarded, it will pay without proof of notice and on demand to the OWNER any increase between the sum to which the said CONTRACTOR would have been entitled upon the completion of the said contract and the sum which the said OWNER may be obligated to pay to another contractor to whom the contract may be afterwards awarded, the amount in such case to be determined by the bids plus the cost, if any, of re-advertising for bids for this work, less the amount of any certified check or bid bond payable and received.

In witness whereof, said surety has caused these presents to be signed and attested by a duly authorized officer and its corporate seal to be hereto affixed this _____ day of

_____, 20____.

A performance bond will be required from the successful contractor on this project, and consequently, all bidders shall submit, with their bid, a consent of surety in substantially the following form:

(A corporate acknowledgment and statement of authority to be here attached by the Surety Company)

This is to certify that the _____ will provide

(Surety Company)

to _____ a performance bond in the full amount of

(Owner)

awarded contract in the contractor event that said is awarded a contract for the above project.

Surety Company

Attest:

Surety Company / Attorney-in-fact

(Surety may substitute a similar statement subject to the Owner's approval.)

WITNESS

TITLE

WITNESS

SURETY

SEAL

CONSENT OF SURETY MUST BE SIGNED BY AN AUTHORIZED AGENT OR REPRESENTATIVE OF A SURETY COMPANY AND NOT BY THE INDIVIDUAL OR COMPANY REPRESENTATIVE SUBMITTING THE BID.

STOCKHOLDER DISCLOSURE CERTIFICATION
This Statement Shall Be Included with Bid Submission

Name of Business _____

Chapter 33 of the Public Laws of 1977 (NJS 52:25-24.2 et seq.) provides that no Corporation or Partnership shall be awarded any contract by the State, County, Municipal or School District, or any subsidiary or agency thereof, unless prior to the receipt of the bid corporation or partnership, there is submitted to the public contracting unit a statement setting forth the names and address of all individuals who own ten percent (10%) or more of the stock or interest in the corporation or partnership.

I certify that the list below contains the names and home addresses of all stockholders holding 10% or more of the issued and outstanding stock of the undersigned.

OR

I certify that no one stockholder owns 10% or more of the issued and outstanding stock of the undersigned.

Check the box that represents the type of business organization:

Partnership

Corporation

Sole Proprietorship

Limited Partnership

Limited Liability Corporation

Limited Liability Partnership

Subchapter S Corporation

Sign and notarize the form below, and, if necessary, complete the stockholder list below.

STOCKHOLDERS:

NAME: _____

NAME: _____

HOME ADDRESS: _____

HOME ADDRESS: _____

NAME: _____

NAME: _____

HOME ADDRESS: _____

HOME ADDRESS: _____

THIS STATEMENT SHALL BE INCLUDED WITH BID SUBMISSION

Subscribed and Sworn to before me

this _____ day of _____, 20____

State of _____ County of _____

Notary Public/Seal/Commission expires on _____

(Name of Business)

(Affiliate)

(Corporate Seal)

BIDDER QUALIFICATION FORM
(N.J.S.A. 40A:11-20)

Project known as _____

Name of Prospective Bidder _____

Address _____

Phone Number _____ Date _____

1) How many years has your organization been in business under your present name?

2) Have you ever failed to complete any work awarded you? Yes _____ No _____
If yes, State where and reasons why.

3) Has any officer or partner of your organization ever failed to complete a contract handled in his own name? Yes _____ No _____

4) Have any liens or lawsuits of any kind been filed against any of your contracts?

Yes _____ No _____ Give full details _____

5) List Surety Companies which have heretofore bonded you (name, address & amount of bond).

6) List all contracts which you are now performing or for which you have signed contracts, but not started work (owners name, location and amounts).

7) State all equipment owned by you for use in this contract.

8) Additional remarks:

9) Provide the names, address and phone number for references for the three (3) projects listed above:

Signature of bidder's authorized representative: _____

Title: _____

Witness _____ Date: _____

(seal)

NON-COLLUSION AFFIDAVIT

STATE OF NEW JERSEY

COUNTY OF _____

ss:

I, _____ of the Municipality of _____
(Print Name)

in the County of _____ and the State of _____ am of full age, being duly sworn according to law on my oath depose and say that:

I, am _____ of the firm of _____
(Print Title) (Print Name of Firm)

the bidder making the Proposal for the above named Project, and that I executed the said Proposal with full authority to do so: That said bidder has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with the above named project; and further agree that I will not so participate in any collusion, violate the terms of the specifications, and, in particular, paragraph II E 1, and that all statements contained in said Proposal and in this affidavit are true and correct, and made with full knowledge that the Township of Ocean relies upon the truth of the statements contained in said Proposal and in the statements contained in this affidavit in awarding the contract for the said project.

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contact upon and agreement or understanding for a commission, percentage, brokerage or contingent fee except bona fide employees or bona fide established commercial or selling agencies maintained by:

_____: (N.J.S.A. 52:34-15)
(Name of Contractor)

Witness

Authorized Signature

Subscribed and Sworn to before me

this ___ day of _____, 20__

(Print Name and Title)

State of _____

County of _____

(SEAL)

Signature of Notary Public
My Commission Expires on _____
(SEAL)

EXHIBIT A

MANDATORY EQUAL OPPORTUNITY EMPLOYMENT LANGUAGE (N.J.S.A. 10.5-31 et seq.) (N.J.A.C. 17:27)

GOODS, SERVICES AND PROFESSIONAL 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, sex, affectional or sexual orientation. The contractor will take affirmative action to ensure that such applicants are recruited and employed, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation. Such action 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 Contracting 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, sex, affectional or sexual orientation.

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

The contractor or subcontractor, where applicable, agrees to comply with the regulations promulgated by the Treasurer pursuant to P.L.1975, c. 127, as amended and supplemented from time to time and with the Americans with Disabilities Act.

The contractor or subcontractor agrees to attempt in good faith to employ minority and female workers consistent with the applicable county employment goals prescribed by N.J.A.C. 17:27-5.2; promulgated by the Treasurer pursuant to P.L.1975, c. 127, as amended and supplemented from time to time or in accordance with a binding determination of the applicable county employment goals determined by the Div. of Contract Compliance & EEO pursuant to N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L.1975, c. 127, as amended and supplemented from time to time.

The contractor or subcontractor agrees to inform in writing appropriate recruitment agencies in the area, including employment agencies, placement bureaus, colleges, universities, labor unions, that it does not discriminate on the basis of age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation, 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.

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, sex, affectional or sexual orientation and conform with the applicable employment goals, consistent with the statutes and court decisions of the State of New Jersey and applicable Federal law and applicable Federal court decisions.

The contractor and its subcontractors shall furnish such reports or other documents to the Affirmative Action Office 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 Div. of Contract Compliance & EEO for conducting a compliance investigation pursuant to **Subchapter 10 of the Administrative Code (N.J.A.C. 17:27)**.

PROCUREMENT AND SERVICE CONTRACTS

LANGUAGE "A"

In the event that you or your firm is awarded this contract, our office, upon award, will send the necessary additional forms. These should be submitted within seven (7) working days of notification. (Bidders are required to comply with the requirements of N.J.S.A. 10:5-31 et seq., codified at N.J.A.C. 17:27-1.1 et seq.)

1. Does this contract have the potential of having a dollar value of \$17,500 or more?

- Yes (If yes, complete #2)
- No (If no, no further documentation is required)

2. Does your company have a Federal Affirmative Action Plan Approval Letter?

- Yes (If yes, submit a Photostat copy)
- No (If no, complete "A" below)

A. Does your company have a Certificate of Employee Information Report?

- Yes (If yes, submit a Photostat copy)
- No (If no, complete "B" below)

B. If you do not have either of the above-mentioned documents, an Affirmative Action Employee Information Report form (AA-302) will be returned to you for your completion.

3. Each contract over \$17,500 must also contain Language "A".

4. Are you a minority-owned business?

- Yes
- No

All successful vendors must submit one of the following forms of evidence:

- 1. Letter of Federal Approval
- OR
- 2. Certificate of Employee Information Report.

I certify that the above information is correct to the best of my knowledge.

Name: _____ Title: _____

Signature: _____ Date: _____

Special Note: This questionnaire must be completed, signed and returned with your contract or bid proposal.

*****AN EQUAL OPPORTUNITY EMPLOYER*****

INSURANCE SPECIFICATIONS

SCHEDULE A

The Contractor, prior to commencing work, shall provide at its own expense, the following insurance to the **TOWNSHIP** together with evidence of such insurance as stated below. Thirty (30) days prior to cancellation or material change or notice of non-renewal of the policies, the Contractor shall give notice to the **TOWNSHIP** by registered mail, return receipt requested, for all of the following stated insurance policies. The Certificate of Insurance shall state:

“Should any of the above described policies be cancelled before the expiration date thereof, the issuing company will mail thirty (30) days written notice to the certificate holder named to the left.”

All notices shall name the Contractor and identify the Agreement. All policies with the exception of workers' compensation shall be endorsed naming the **TOWNSHIP** as additional insured. All policies shall require that the insured will pay all defense claims and any judgments entered therein. It is expected that all policies will be issued on an “occurrence” basis. The **TOWNSHIP** may waive or modify any requirement stated herein if the **TOWNSHIP**, in its sole judgment and discretion, deems it would be in its best interest to do so.

A. Workers' Compensation

The Contractor shall obtain Standard Workers' Compensation Insurance indemnifying the Contractor against any loss arising from liability or injuries sustained by any and all agents, servants or employees of the Contractor who shall be entitled to compensation under the Workers' Compensation Law of the State of New Jersey. If the contractor is incorporated outside the State of New Jersey, the said policy must include the "the Other States Endorsement."

B. General Liability

The Contractor shall obtain General Liability Insurance on an “occurrence” form with a one million dollar (\$1,000,000.00) combined single limit of liability per occurrence and a three million dollar (\$3,000,000.00) annual aggregate. The policy will include the ISO Simplified Occurrence Form, the policy will contain no endorsements that would limit or eliminate the coverage provided by the ISO version and will include ISO Form CG-25-03-11-85 Amendment-Aggregate Limits of Insurance (per project).

C. Automobile Liability

The Contractor shall obtain Automobile Liability Insurance with a minimum combined limit of liability of one million dollars (\$1,000,000.00) per accident. Said policy must include coverage for owned, non-owned and hired autos.

D. Umbrella/Excess Liability

Excess or Umbrella Liability Policy (to respond in excess of the commercial general liability, employer's liability and commercial automobile liability policies) at the limit of \$5,000,000.00 combined single limits per occurrence.

E. Policy Changes

If at any time, any of the foregoing policies shall be or become unsatisfactory to the Entity, as to form or substance, or if a company issuing any such policy shall be or become unsatisfactory to the Entity, the Contractor shall, upon notice to that effect from the Entity, within thirty (30) days obtain a new policy, submit the same to the Entity of approval and submit a Certificate thereof as hereinabove provided. Upon failure of the Contractor to furnish, deliver and maintain such insurance as above provided, this Agreement, at the election of the Entity, may be forthwith declared suspended, discontinued or terminated. Failure of the Contractor to take out an/or maintain or the taking out and/or maintenance of any required insurance, shall not relieve the Contractor or any liability under the Agreement. All policies required above shall contain a thirty-(30) day notice of cancellation and/or non-renewal and shall require the insured to notify the Entity of its intent to either cancel or not to renew immediately.

F. Insurance Companies

The Contractor shall use an Insurance Company(ies) that has (have) an A.M. Best Rating of at least AX.

The **TOWNSHIP**, at its sole judgment and discretion, if it considers it appropriate to do so, may allow the Contractor to utilize and insure with a rating less than AX. All such requests must be forwarded to the **TOWNSHIP** for its review and approval. The Contractor shall use an insurance company(ies) that is (that are) authorized to underwrite insurance risks for the specific line(s) of coverage by the Department of Banking and Insurance of the State of New Jersey.

G. Hold Harmless Provision

Contractual Liability Insurance: The Contractor shall indemnify, defend, and hold harmless the **TOWNSHIP**, its consultants, its officers, agents, contractors, subcontractors, servants and employees, from and against any and all claims, demands, suits, proceedings, liabilities, judgments, awards, losses, damages, costs and expenses, including attorney's fees, because of bodily injury, sickness, disease or death, sustained by any person or persons or injury or damages to, or destruction of, any property directly or indirectly arising out of, relating to, or in connection with the work, whether or not due or claimed to be due, in whole or in part, to the active, passive or concurrent negligence or fault of the Contractor, its officers, agents, servants, or employees and/or any other person or persons and whether or not such claims, demands, suits or proceedings are just, unjust, groundless, false, or fraudulent. The Contractor shall furnish evidence to the **TOWNSHIP** that with respect to accomplishing the work in the Agreement, it carries said contractual Liability Insurance in the amounts specified in Paragraph B above.

“Business Registration Certificate”
(C. 57, Laws 2004-S1778)

Pursuant to P.L. 2004, C.57 all Bidders are required to submit a Business Registration Certificate issued by the New Jersey Department of Treasury, Division of Revenue, which will establish that the Bidder is Registered Pursuant to the Business Registration Act.

(NOTE: required for both Contractor & Sub-contractor)

SAMPLE

Bidder to attach a copy of Business Registration Certificate

“Contractor & Sub-Contractors”

LIST OF SUBCONTRACTORS

NJSA 40A:11-16 provides that bidders on public projects shall provide “the name or names of all subcontractors to whom the bidder will subcontract with, each of which subcontractors shall be qualified in accordance with this act.”

The bidder to provide the name, address and description of work to be performed by all subcontractors.

Name of bidder: _____

Address: _____

The undersigned bidder declares that the subcontractors listed below be used as subcontractors to complete certain portions of the work in this project.

The subcontractors identification form shall set for the scope of work for which the subcontractor has submitted a price quote and which the bidder has agreed to award to each subcontractor should the Bidder be awarded the contract.

Subcontractor Name and Address	Nature of Work to be completed by Subcontractor

Attach additional sheets if necessary

Signature of Bidder’s Authorized Representative: _____

Title: _____

Date: _____

6/04

BIDDER REFERENCE SHEET

1. Name and address of all previous locations where said service has been performed.

a. _____

b. _____

c. _____

d. _____

e. _____

2. Name, address and telephone number of the principal party to whom you or your firm were responsible for the satisfactory performance of this service.

a. _____

b. _____

c. _____

d. _____

e. _____

Name of Person preparing Proposal

Signature

Telephone # Date

VENDOR CERTIFICATION FORM

Also enclosed herewith in conformity with the specifications is a certified check made payable to the order of the Treasurer of the Township of Ocean in the sum of _____ Dollars (\$_____) or bid bond in the like amount which the undersigned agrees is to be forfeited as liquidated damages and not as a penalty, if this bidder is the successful bidder to whom or which a contract is awarded and the undersigned shall fail to execute the contract in accordance with the specifications.

Also enclosed herewith are the executed standard Non-Collusion Affidavit and the Bidder Qualification Form.

Also enclosed herewith is the Affirmative Action Affidavit in compliance with the Affirmative Action Regulation P.L. 1975-127.

The undersigned is an individual, corporation or partnership having its principal offices at _____ and in the event that it is a corporation it is organized under the Laws of the State of New Jersey or authorized to do business thereon.

_____ Witness	COMPANY	
	SIGNATURE	
	TITLE	
		(SEAL)