



Joseph H. Vicari, Director
Gary Quinn, Deputy Director
Barbara Jo Crea, Commissioner
Virginia E. Haines, Commissioner
John P. Kelly, Commissioner

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

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

BID

GENERATOR ALTERATION, MAINTENANCE, SERVICE, AND REPAIR

2023

ADVERTISEMENT DATE: December 20, 2023

OPENING: January 9, 2024, 11:00 am

Bid Category: 16- Maintenance and Repair of Equipment

Notice to Bidders

NOTICE IS HEREBY GIVEN that sealed bids for the furnishing and delivery of **GENERATOR ALTERATION, MAINTENANCE, SERVICE, AND REPAIR** for the County of Ocean, will be received by the Purchasing Agent of the County of Ocean on **Tuesday, January 9, 2024 at 11:00 am**, prevailing time.

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

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

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

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

Signed:

JOSEPH H. VICARI, Director

JENNIFER L. BOWENS, Purchasing Agent

Contact Information and Project Timeline

Summary

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

Contact Information

For further information regarding these specifications, contact

Jessica Hannold

Buyer

Email: jhannold@co.ocean.nj.us

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

Department:

Buildings and Grounds

Timeline

Advertising Date	December 20, 2023
Bid Opening Date	January 9, 2024, 11:00am Administration Building, 101 Hooper Ave., Room 119, Toms River, NJ, 08753

Important Instructions for Electronic Submittal

Instructions for Electronic Bid Submission

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

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

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

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

Follow the instructions to submit the electronic bid.

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

Instructions to Bidders

Bid Opening

All bids will be opened publicly in the Administration Building, Room 119, 101 Hooper Avenue, Toms River, New Jersey, commencing at 11:00 am, prevailing time on Tuesday, January 9, 2024.

Electronic Bid Submissions

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

Deadline Instructions

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

Completion of all Documents

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

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

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

Right to Reject

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

Bidder Default

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

Indemnity

The bidder, if awarded a contract, agrees to protect, defend and save harmless the County against any damage for payment for the use of any patented material process, article or device that may

enter into the manufacture, construction or form a part of the work covered by either order or contract, and he further agrees to indemnify and save harmless the County from suits or actions of every nature and description brought against it, for, or on account of injuries or damages received or sustained by any party or parties by, or from any of the negligent acts of the contractor, his servants or agents.

Specifications

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

Bid Security

NO BID SECURITY

Performance Bond

NO PERFORMANCE BOND

Pricing Proposal

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

Pricing

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

Payment

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

Discrepancy in Pricing

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

Award Timeframe

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

Equal or Tie Bids

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

Tax Exempt

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

Equivalent Product

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

Quantities

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

Delivery of Goods and Services

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

American Goods and Products

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

Assignment

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

NJ One Call

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

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

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

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

Prevailing Wage & Labor Laws

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

Special Surety Bid Requirements for Certain Construction Projects

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

New Jersey Business Registration Requirements

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

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

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

During the course of contract performance:

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

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

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

Pay to Play Requirements

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

Statement of Ownership

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

Certification of Non-Involvement in Prohibited Activities in Iran

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

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

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

Vendors may view the Precluded Entities List Here:

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

Insurance Requirements

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

Worker's Compensation

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

Comprehensive General Liability

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

Comprehensive General Liability Details

Comprehensive Automobile Liability shall include the following:

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

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

Proof of Insurance

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

County Cooperative Contract Purchasing System

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

The IDENTIFIER for this system is:

CK-02-OC

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

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

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

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

Award Method

Contract will be awarded on a lump sum basis.

Mandatory Equal Employment Opportunity

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

N.J.A.C. 17:27

GOODS, PROFESSIONAL SERVICE AND GENERAL SERVICE CONTRACTS

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

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

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

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

The contractor or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et seq., as amended and supplemented from time to time and the Americans with Disabilities Act.

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

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

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

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

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

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

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

Americans with Disabilities Act

Equal Opportunity For Individuals With Disabilities

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

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

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

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

Intent

CONTRACT TERMS

The contract shall be for one (1) year from date of award, or until delivery is complete unless otherwise stated. The County reserves the right to extend the term of the contract pursuant to N.J.S.A. 40A:11-15. The County reserves the right to extend the contract for one (1) additional year by mutual agreement between the County and the Contractor with no increase in base price.

INTENT

The purpose of these bid specifications is to provide the County of Ocean with Preventative Maintenance, Emergency Repair Services, Installation and Upgrades as required to maintain the safe operation, usage requirements and code changes for all County emergency generators and as specified herein. This contract shall cover a minimum of the generators listed herein as well as associated transfer switches, lift pumps, fuel systems/tanks and exhaust systems.

NO ASSIGNMENT

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

OWNERSHIP DISCLOSURE

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

BID REVIEW

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

EVALUATION

The quality of the equipment supplied, their conformity with the specifications, their suitability to requirements, delivery terms, guaranty clauses, price of the materials shall all be taken into consideration. Where equivalent equipment is offered, the County will determine if the proposed item is equal or better than that specified.

AVAILABILITY OF FUNDS

The County's obligation hereunder is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the County

for payment of any money shall arise unless, and until funds are made available each year to the Ocean County Purchasing Agent.

MODIFICATIONS AND WITHDRAWALS

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

USE OF OTHER NAMES AND REFERENCES

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

QUALITY

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

WARRANTY

Manufacturer's warranty shall apply.

AVAILABILITY AND DELIVERY

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

TRANSITIONAL PERIOD

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

COMPLIANCE TO MINIMUM BID REQUIREMENTS / EQUIVALENT PROPOSALS

It is the intent of these specifications to describe and govern the purchase of a new and unused GENERATOR ALTERATION, MAINTENANCE, SERVICE, AND REPAIR with any and all accessories as noted herein. The unit shall conform to the highest quality of manufacturing and design standards. Any item or items not specifically mentioned herein, but which would be required to produce a complete working unit, shall be supplied by the vendor.

All bidders must answer compliance questions in full. A general exception cannot be taken for any paragraph or item. If a bidder is basing his proposal on equipment other than what is

specified in these bid documents and wishes the equipment he proposes to be considered as an "approved equal", he shall submit on a separate sheet, in the exact format of the technical specifications contained herein, an item by item description of that which he proposes to substitute including any and all variations from or exceptions to the conditions and specifications of this bid. Failure to comply may result in rejection of bid.

CURRENT BID RESULTS

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

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

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

Specifications and Scope of Work

See "Attachments", "Project Documents" for detailed specifications.

Vendor Questionnaire

County Cooperative Contract Purchasing System*

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

Yes

No

*Response required

BID DOCUMENTS TO BE EXECUTED*

Documents include:

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

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

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

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

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

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

*Response required

Copy of Bidder's Certificate of Employee Information Report

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

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

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

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

If yes, please upload a photocopy of such approval.

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

If yes, please upload a photocopy of such certificate.

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

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

Images (jpg, png, bmp, tif)

Copy of Bidder's New Jersey Business Registration Certificate

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

Use this link to verify your company's BRC:

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

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

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

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

Images (jpg, png, bmp, tif)

Mandatory Equal Employment Opportunity Statement*

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

Yes

No

*Response required

Americans with Disabilities Act Provisions*

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

Yes

No

*Response required

Public Works Registration Certificate*

All workers performing public works activities for subcontractors awarded contracts by an energy services company pursuant to this section shall be paid prevailing wages in accordance with the "New Jersey Prevailing Wage Act," P.L.1963, c.150 (C.34:11-56.25 et seq.). All subcontractors shall comply with the provisions of "The Public Works Contractor Registration

Act," P.L.1999, c.238 (C.34:11-56.48 et seq.). Only firms appropriately classified as contractors by the Division of Property Management and Construction shall be eligible to be awarded a contract as a subcontractor of an energy services company under this section for performing public works activities pursuant to regulations adopted by the Division of Property Management and Construction.

Bidder shall provide with their bid a copy of the Public Works Registration Certificate for all Public Works Bids.

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

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

Images (jpg, png, bmp, tif)

*Response required

Certificate of Insurance

Please upload your company's certificate of insurance.

CERTIFICATION OF NON-DEBARMENT FOR PUBLIC WORKS CONTRACTS*

Before a contracting agency can award a contract for public work as defined in P.L. 2019, c.406, the contractor must provide a written certification to the contracting unit that neither the contractor nor the contractor's affiliates are debarred by the federal government from contracting with a federal agency.

The term "affiliate" means any entity that directly, indirectly, or constructively controls the contractor, or any entity that the contractor directly, indirectly, or constructively controls, or is subject to the control of a common entity. The law considers an entity to be in control of another entity if it owns, directly or indirectly, more than 50% of the ownership.

Please complete the Certification of Non-Debarment form by clicking on the link. Make sure that the email you complete the form with matches the email of your vendor account.

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

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

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

*Response required

Contractor's Data Sheet*

As evidence of the bidder's qualifications, (s)he shall be required to submit with this bid proposal information requested on the Contractor's Data Sheet.

Please complete the form by clicking on the link. Make sure that the email you complete the form with matches the email of your vendor account.

Please download the below documents, complete, and upload.

- [CONTRACTORS DATA SHEET and ...](#)

*Response required

EMERGENCY CONTACT*

Please provide the name and phone number of the individual(s) to be called in the event of an emergency.

*Response required

ADDITIONAL VENDOR DOCUMENTATION

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

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

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

Images (jpg, png, bmp, tif)

Acknowledgement of Submission of Forms from Current Bid Package*

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

Please confirm

*Response required

Submission of Bid Package*

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

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

Please confirm

*Response required

Pricing Proposal

GENERATOR ALTERATION, MAINTENANCE, SERVICE & REPAIR

Line Item	Description	One (1) Year Estimated Quantity	Unit of Measure	Unit Cost	Total	Mark-Up % for Item #28 ONLY	Comments
MINOR PREVENTATIVE MAINTENANCE FOR GENERATORS WITH THE FOLLOWING kW, PERFORMED ANNUALLY							
1	1-9 kW	9	UNIT				
2	10-20 kW	5	UNIT				
3	25-50 kW	13	UNIT				
4	55-95 kW	12	UNIT				
5	100-200 kW	19	UNIT				
6	225-500 kW	14	UNIT				
7	525-750 kW	1	UNIT				
8	800-1000 kW	1	UNIT				
MAJOR PREVENTATIVE MAINTENANCE FOR GENERATORS WITH THE FOLLOWING kW, PERFORMED ANNUALLY							
9	1-9 kW	9	UNIT				
10	10-20 kW	5	UNIT				
11	25-50 kW	13	UNIT				
12	55-95 kW	12	UNIT				
13	100-200 kW	19	UNIT				
14	225-500 kW	14	UNIT				
15	525-750 kW	1	UNIT				
16	800-1000 kW	1	UNIT				
PREVENTATIVE MAINTENANCE FOR ACCREDITED UNITS, TRAILER MOUNTED UNITS AND SMALL PORTABLE UNITS							
17	Quarterly Major Preventive Maintenance service on units #96, #96A, #58, and two (2) vehicles #RD-250 and #RD-106.	20	QTR				
18	Trailer-Mounted Units, Preventative Maintenance Per kW, maintenance work shall be conducted every 250 hours of run time on the following equipment: #58-B, Sheriff's Mobile Unit (2 gensets), #97A, County Connection Bus, and #97B, County Connection Bus.	354	kW				

Line Item	Description	One (1) Year Estimated Quantity	Unit of Measure	Unit Cost	Total	Mark-Up % for Item #28 ONLY	Comments
19	Preventative Maintenance for Portable Generator Units, Per Run Hour, preventative maintenance work shall be conducted every 250 hours of run time, Units vary in kW from 3-20kW	354	kW				
SPECIALIZED SERVICES, AS NEEDED, OUTSIDE OF REGULAR MAINTENANCE							
20	Fluid Polishing, Per Gallon, As Needed	36,000	GAL				
21	Load Bank Testing (2 Hour), per kW, on As-Needed basis, Assume 10,034 TOTAL kW for all tests	10,034	kW				
LABOR FOR GENERATOR TECHNICIANS							
22	Regular Working Hours, Mechanic Rate	3,000	HR				
23	Overtime Working Hours, Mechanic Rate	250	HR				
24	Regular Working Hours, Helper Rate	250	HR				
25	Overtime Working Hours, Helper Rate	100	HR				
ALLOWANCES							
26	Allowance for Portable Generator Rentals, As Needed	1	LS	\$20,000.00			
27	Allowance for Alteration Work, Shall Include Subcontractors' Labor and Materials, As Needed	1	LS	\$350,000.00			
PARTS/MATERIALS							
28	Material Cost and Mark-Up. For bid purposes assume materials, other than preventative maintenance materials, at \$500,000.00 for a one (1) year term. Calculate total amount of mark-up charges on Parts/Materials by multiplying \$500,000.00 by your mark-up Percentage. Indicate your mark-up Percentage in the MARK-UP % column. Indicate your calculated Total Mark-up Dollar Amount in the UNIT COST column.	1	LS				
TOTAL							

INTENT

The purpose of these bid specifications is to provide the County of Ocean with Preventative Maintenance, Repair Services, Alteration Work and Upgrades as required to maintain the safe operation, usage requirements and code changes for all County emergency generators and as specified herein. This contract shall cover at minimum the generators listed herein as well as associated transfer switches, lift pumps, fuel systems/tanks, exhaust systems and small portable units.

All work covered by this bid shall be classified as either "Maintenance Work" or "Alteration Work". Maintenance Work shall be defined as the repair of existing equipment when the size, type or extent of such equipment is not thereby changed or increased. Alteration Work shall be defined as upgrades in-kind or alterations made to existing systems. This work does not include complete new systems installations.

EXPERIENCE

Contractor shall have a minimum of three (3)-years' experience working on similar scope and size projects. Submit with the bid, contractor's data sheet outlining at least three (3) recent projects relevant to this application.

ACCESS TO COUNTY LOCATIONS

Contractor's staff must wear photo identification displaying the company name and employee name on their person when performing work at any County building.

All personnel or agents or the contractor must observe all rules and regulations in effect at the buildings. Employees or agents of the contractor, while on County property, shall be subject to the control of the County, but under no circumstances shall persons be deemed to be employees or agents of the County.

RESPONSE TIME

Contractor shall have the ability to respond to Emergency service calls with a two (2) hour on-site response time. Specifically, contractor shall respond with a call back within one (1) hour and be on site within one (1) additional hour. Contractor shall work continuously to solve issue. Three documented failures to comply shall be considered cause for termination of contract.

Emergency service calls shall be defined as extenuating circumstances that cannot await regular scheduling.

Contractor shall respond to regular service calls by scheduling an on-site initial assessment within 24 hours of notification from County. Work shall occur during regular work hours. Contractor shall advise of the treatment plan, time for implementation, lead time on materials and submit a quote as defined herein. County will then advise of a purchase order number.

Emergency service during overtime hours that require major repairs or parts not normally carried by the responding mechanic will be scheduled for completion the following day.

Responding to after-hours emergency service calls, the contractor will affect any temporary repairs required, leaving the equipment in safe operating condition. Should emergency repairs not be able to be completed by the close of business the contractor is to notify the County Buildings & Grounds Superintendent or designee or the using department contact and advise of the outstanding condition and required action and/or parts and effect permanent repair the following day or as otherwise agreed to.

DEFINITION OF REGULAR AND OVERTIME HOURS

Regular business hours are defined as any hours worked between 8:00 AM and 4:30 PM, Monday through Friday.

Overtime hours are defined as any work performed outside of "Regular Business" work hour, which may include weekends and holidays.

TIME AND MATERIAL WORK

All estimates for work shall include a cost breakdown submitted by the contractor as follows: labor rate, quantity of hours, materials list, wholesale cost (with evidence of same) and mark up, at applicable contract rates, indicating bid line items.

The County reserves the right to delete or add additional units as needed, at contract bid prices.

HOURLY LABOR RATE

Labor hours are shown in the proposal page for bid purposes only. The labor charge should be all inclusive of overhead, profit, shift increases and include shipping fees.

We have attempted to accurately reflect a true picture of the approximate amount of labor hours that the County anticipates. The County does not guarantee any minimum number of hours and will pay only for the actual number of hours authorized and worked.

All prices shall be firm and include transportation charges for providing services to any of the County locations. Contractor travel costs must be incorporated in the bid proposal price. Hourly labor rates begin with Contractor's arrival at the site and end when Contractor leaves the site. After the first full hour, hourly rates shall be prorated to the closest fifteen (15) minute interval.

MATERIALS

The County will only pay for materials that have been authorized and used.

Parts / Materials Prices: All materials shall be invoiced at actual wholesale cost plus a percentage (%) markup. Copies of the contractor's own purchase invoices reflecting actual costs shall accompany each invoice to the County.

QUOTES

The term quote, proposal, estimates are used interchangeably and shall mean the same. The County does not pay for quotes. The County does not pay fixed fees and will pay only for the actual number of hours authorized and worked.

Quotes for any work shall include a cost breakdown submitted by the contractor as follows: labor rate, quantity of hours, materials list, wholesale cost and mark up, at applicable contract rates.

COMPLIANCE STANDARDS

Materials, equipment and installation shall comply with all current rules and regulations of all applicable Federal, State, County and Local laws, ordinances and regulations. Contractor and subcontractors shall hold Public Works Contractor Registration Certificates as required by the Public Works Contractor Registration Act (P.L. 1999, c.238). All work shall be executed in a workmanlike manner and shall present a neat and professional appearance when completed.

INVOICING

An invoice will be generated after each service has been performed.

Each service call or additional work request shall generate a separate invoice detailing the labor charge and the parts and materials.

All invoices must reference the work order number and each invoice shall reference the corresponding bid item number for each separate line item amount billed. Check-in/check-out time of all mechanics must be written on daily service work sheets. All invoices must have matching hours between service ticket and invoices. Invoices not in this format shall be returned for revision.

Each invoice shall have attached all referenced service tickets.

Indicate on invoice if work is continued on another estimate.

REPORTS

Upon completion of each preventative maintenance, a separate report for each system shall be sent to the attention of the Buildings & Grounds, General Supervisor for Generators, or his designee at the Buildings & Grounds department.

UNSATISFACTORY PAST PERFORMANCE

Bids received from bidders who have previously failed to complete contracts within the time scheduled therefore, or who have performed prior work for the County in an unacceptable manner, may be rejected.

SITE INSPECTION

It shall be the responsibility of the bidder to make a thorough examination of the equipment described within the buildings listed prior to the submission of his/her bid.

If the bidder wishes to make a tour of all equipment contact the Buildings & Grounds, General Supervisor for Generators, or his designee at (732) 929-2039. No special considerations will be given after the bids are opened because of the bidder's failure to be knowledgeable of all existing conditions at the various sites.

PERMIT COMPLIANCE

The Contractor shall obtain and pay for all permits and licenses required by this contract. He further shall request all required inspections and obtain those Certificates of Approval as required. The Contractor must coordinate these activities with the Buildings & Grounds Generator supervisor or designee and provide same with copies of permits and certificates.

As required by law the Contractor shall maintain all required New Jersey Department of Environmental Protection documentation on site in compliance with Air Pollution Control Laws and N.J.A.C. 7:27 et seq.

Inspect building as required in a manner consistent with the building occupants. However, buildings #19 and #20 shall be inspected on **Saturdays**.

Special information note only: registration done 5/2009; renew every 5 years

REPORTS

Upon completion of each preventative maintenance, a separate report for each system shall be sent to the attention of the Buildings & Grounds, General Supervisor for Generators, or his designee at the Buildings & Grounds department.

Contractor is responsible for compliance with NJDEP Compliance Advisory #2023-16. Issued 9/13/2023.

Emergency Generators shall not be used for normal testing and maintenance on days when the Department forecasts air quality anywhere in New Jersey to be "unhealthy for sensitive groups," "unhealthy," "very unhealthy," or "hazardous" as defined in the EPA's Air Quality Index, (<http://airnow.gov/>) as supplemented or amended and incorporated herein by reference, unless required in writing by a Federal or State law or regulation. Procedures for determining the air quality forecasts for New Jersey are available at <http://www.state.nj.us/dep/aqpp/aqforecast>

Check the air quality forecast the day before the tentative Emergency Generator normal testing/maintenance date using the following procedure:

- After 4:00 pm on the day before the emergency generator will be used for normal testing/maintenance, the Air Quality Conditions and Forecast at <https://www.airnow.gov/state/?name=new-jersey> shall be reviewed.
- Read the "Forecast" column for tomorrow's date.
- If this column lists the air quality anywhere in NJ as Unhealthy for Sensitive Groups, Unhealthy, Very Unhealthy, or Hazardous, then you CAN NOT perform testing/maintenance activities the following day.
- Reschedule your testing/maintenance for another day.
- Remember to re-check the Air Quality Forecast after 4:00 pm on the day before the day that the Emergency Generator has been rescheduled to be operated for normal testing/maintenance.

SCOPE OF WORK FOR PREVENTATIVE MAINTENANCE

PREVENTATIVE MAINTENANCE SERVICE PROCEDURES – MINOR INSPECTION

DIESEL ENGINE POWERED EMERGENCY GENERATOR SETS

I. ENGINE

a. Lubrication System

1. Check oil level
 - a. Inspection for evidence of dilution or contamination.
 - b. Tom off if required**
2. Visual inspection of front and rear crankshaft seals and lubrication system gaskets for leaks.
3. Visual inspection of pipes and hoses for leaks and condition.
4. Check for evidence of excessive crankcase pressure.

b. Fuel System

1. Visually inspect flexible fuel lines for condition and leaks.
2. Inspect fuel supply from engine to day tank for condition and security.
3. Drain water separator if applicable / necessary.
4. Inspect engine fuel lines, pump, and filters for leaks, condition and security.
5. Inspect and lubricate governor actuator to rack and ball joints.

c. Air System

1. Inspect air filters for condition and security, tighten clamps and brackets as required.*
2. Inspect turbo outlet hoses and pipes for condition and security, tighten clamps and brackets as required.*

GENERATOR ALTERATION, MAINTENANCE, SERVICE AND REPAIR
PREVENTATIVE MAINTENANCE SERVICE PROCEDURES – MINOR INSPECTION
DIESEL ENGINE POWERED EMERGENCY GENERATOR SETS

I. ENGINE

d. Cooling System

1. Check coolant level.
2. Check and record freeze protection.
3. Chemical test corrosion protection.
4. Inspect fan shrouds, guards and brackets for condition and security.
5. Inspect radiator core for cleanliness, condition and security.
6. Inspect fan drive, belt for condition and proper tension.
7. Inspect coolant hoses and pipes for condition and security.
8. Check operation of intake and exhaust louvers if applicable.
9. Check operation of jacket water heater.
10. Top off if required.**

e. Exhaust System

1. Inspect exhaust pipes and flexes where accessible for security and evidence of leaks.
Check for evidence of wet stacking
2. Inspect muffler supports for condition and security.
3. Operator condensate drains as applicable.

f. Electrical System (Engine)

1. Inspect starter cables, wire and connectors for condition and security.
2. check and record starting battery float voltage.
3. Check electrolyte level (lead and batteries)
4. Check charger for proper operation and output.
5. Check battery charging alternator connections if applicable.
6. Visually inspect on engine wiring connections for condition and security.

II. GENERATOR

a. Mechanical

1. Visually inspect mounting bolts for security and condition.
2. Inspect fan guard for condition and security.
3. Inspect air inlet screen for cleanliness, condition and security.

III. CONTROLS

1. Check operation of auto start and remote controls.
2. Check operation and AC and engine instruments.
3. Check operation of generator set associated indicators and lights.
4. Check and adjust as required* system frequency and voltages.

IV. RUNNING CHECKS

1. Start and run unit at no load and make appropriate entries on log form.
2. Complete general walk around inspection
3. visually inspect for leaks.
4. Check for abnormal noise or vibration.

GENERATOR ALTERATION, MAINTENANCE, SERVICE AND REPAIR
PREVENTATIVE MAINTENANCE SERVICE PROCEDURES – MINOR INSPECTION
DIESEL ENGINE POWERED EMERGENCY GENERATOR SETS

V. DEPARTURE CHECKS

1. Reset all controls to automatic.
2. Confirm circuit breaker in correct position.
3. Confirm fuel valves are in the correct position.
4. Confirm battery charger is on.
5. Confirm day tank controls are on.
6. Confirm that louver controls are on.
7. Confirm that jacket water heater is on.

* As required – 1. According to published manufacturers' specifications or recommendation.
2. Where no published according to sound practices.

** Top off fluids up to 1 gallon. Additional quantities at additional charge.

PREVENTATIVE MAINTENANCE SERVICE PROCEDURES – MINOR INSPECTION
NATURAL GAS POWERED EMERGENCY GENERATORS SETS

I. ENGINE

a. Lubrication System

1. Check oil level
 - a. Inspect for evidence contamination.
2. Visual inspection of front and rear crankshaft seals and lubrication system gaskets for leaks.
3. Visual inspection of pipes and hoses for leaks and condition.

b. Fuel System

1. Check fuel system from supply pipe to carburetor for condition and security.
2. Inspect and lubricate carburetor actuator and ball joints.

c. Air System

1. Inspect air filters for condition and security, tighten clamps and brackets as required.*
2. Inspect air inlet connections to engine for condition and security.

d. Cooling System

1. Check coolant level.
2. Check and record freeze protection.
3. Chemical test corrosion protection.
4. Inspect fan shrouds, guards and brackets for condition and security.
5. Inspect radiator core for cleanliness, condition and security.
6. Inspect fan drive, belt for condition and proper tension.
7. Inspect coolant hoses and pipes for condition and security.
8. Check operation of intake and exhaust louvers if applicable.
9. Check operation of jacket water heater.

e. Exhaust System

1. Inspect exhaust pipes and flexes where accessible for security and evidence of leaks.
2. Inspect muffler supports for condition and security.
3. Operator condensate drains as applicable.

GENERATOR ALTERATION, MAINTENANCE, SERVICE AND REPAIR
PREVENTATIVE MAINTENANCE SERVICE PROCEDURES – MINOR INSPECTION
NATURAL GAS POWERED EMERGENCY GENERATORS SETS

f. Electrical System (Engine)

1. Inspect starter cables, wire and connectors for condition and security.
2. Check and record starting battery float voltage.
3. Check electrolyte level (lead and batteries).
4. Check charger for proper operation and output.
5. Check battery charging alternator connections if applicable.
6. Visually inspect on engine wiring connections for condition and security.

II. GENERATOR

a. Mechanical

1. Visually inspect mounting bolts for security and condition.
2. Inspect fan guard for condition and security.
3. Inspect air inlet screen for cleanliness, condition and security.

III. CONTROLS

1. Check operation of auto start and remote controls.
2. Check operation and AC and engine instruments.
3. Check operation of generator set associated indicators and lights.
4. Check and adjust as required* system frequency and voltages.

IV. RUNNING CHECKS

1. Start and run unit at no load and make appropriate entries on log form.
2. Complete general walk around inspection.
3. Visually inspect for leaks.
4. Check for abnormal noise or vibration.

V. DEPARTURE CHECKS

1. Reset all controls to automatic.
2. Confirm circuit breaker in correct position.
3. Confirm fuel valves are in the correct position.
4. Confirm battery charger is on.
5. Confirm that louver controls are on.
6. Confirm that jacket water heater is on.

* As required – 1. According to published manufacturers' specifications or recommendation.

2. Where no published according to sound practices.

** Top off fluids up to 1 gallon. Additional quantities at additional charge.

I. ENGINE

a. Lubrication System

1. Check oil to ensure safe running level and inspect for evidence of dilution or contamination.
2. Visual inspection of front and rear crankshaft seals and lubrication system gaskets for leaks.
3. Visual inspection of pipes and hoses for leaks and condition.
4. Check and record oil pressure at operating temperature.
5. Draw lube oil sample for lab analysis.
6. Check for evidence of excessive crankcase pressure.
7. Oil and lube oil filter change (annual basis).
8. Top off if required following running checks.

b. Fuel System

1. Visually inspect flexible fuel lines for condition and leaks.
2. Check fuel for
 - a. Quantity
 - b. Evidence of water or foreign substances.
3. Inspect fuel supply from engine to day tank for condition and security.
4. Drain water separator if applicable / necessary.
5. Inspect engine fuel lines, pump, and filters for leaks, condition and security.
6. Inspect and lubricate governor actuator to rack and ball joints.
7. Primary and secondary filter change (annual basis).
8. Draw fuel sample for lab analysis.

c. Air System

1. Inspect air filters for condition and security, tighten clamps and brackets as required.*
2. Inspect turbo outlet hoses and pipes for condition and security, tighten clamps and brackets as required.*
3. Inspect and lubricate blower by-pass actuators and turbocharger waste-gate linkage.
4. Inspect and lubricate air box damper operating mechanism.
5. Service crankcase breathers and air box drains as required.*

d. Cooling System

1. Check coolant level.
2. Draw a coolant sample for lab analysis.
3. Check and record freeze protection.
4. Chemical test corrosion protection, add inhibitor if required.**
5. Pressure test to 15 psi and inspect for leaks.
6. Inspect fan shrouds, guards and brackets for condition and security.
7. Inspect and lubricate idler and fan drive bearings. Check condition and security of mounts, brackets and adjusters, tighten fasteners as required.*
8. Inspect radiator core for cleanliness, condition and security.
9. Inspect fan drive, belt for condition and proper tension.
10. Inspect coolant hoses and pipes for condition and security.
11. Check operation of intake and exhaust louvers if applicable.
12. Check operation of jacket water heater, control thermostats and oil pressure disconnect contractor.
13. Check and record coolant temperature under operating conditions.
14. Top off if required.**

e. Exhaust System

1. Inspect exhaust pipes and flexes where accessible for security and evidence of leaks.
2. Inspect turbocharger clamps and brackets, tighten as required.*
3. Inspect muffler supports for condition and security.
4. Operator condensate drains as applicable.

f. Electrical System (Engine)

1. Inspect starter cables, wire and connectors for condition and security.
2. Check and record starting battery float voltage.
3. Check electrolyte level (lead and batteries).
4. Load test starting batteries for 15 seconds and record voltage.
5. Check charger for proper operation and output.
6. Check battery charging alternator connections if applicable.
7. Visually inspect on engine wiring connections for condition and security.
8. Test / prove all engine protective devices.

II. GENERATOR

a. Mechanical

1. Visually inspect mounting bolts for security and condition.
2. Inspect fastening bolts for drive flex.
3. Inspect fan guard for condition and security.
4. Inspect air inlet screen for cleanliness, condition and security.
5. Inspect and lubricate bearing as required.*
6. Inspect mechanical connections for tightness, condition and security as required.*

b. Electrical

1. Check and record no load and full load voltage.
2. Inspect exciter assembly, stator and field for cleanliness and physical integrity.
3. Inspect cable and wire termination as generator for condition and security.
4. Inspect rotating rectifier and surge suppressor for condition, connection and mounting integrity.
5. Inspect end bell enclosure for cleanliness and device interference with rotating assemblies.
6. Prove generator protective devices.

III. CONTROLS

1. Check operation of auto start and remote controls.
2. Check operation and AC and engine instruments.
3. Check operation of generator set associated indicators and lights.
4. Check and adjust system frequency and voltages.*
5. Check and adjust synchronized kilowatt and reactive load sharing as required.*

IV. RUNNING CHECKS

1. Start and run unit at no load and make appropriate entries on log form.
2. Complete general walk around inspection.
3. Visually inspect for leaks.
4. Check for abnormal noise or vibration.

V. DEPARTURE CHECKS

1. Reset all controls to automatic.
2. Confirm circuit breaker in correct position.
3. Confirm fuel valves are in the correct position.
4. Confirm battery charger is on.
5. Confirm day tank controls are on.
6. Confirm that louver controls are on.
7. Confirm that jacket water heater is on.

* As required – 1. According to published manufacturers' specifications or recommendation.
2. Where no published according to sound practices.

** Top off fluids up to 1 gallon. Additional quantities at additional charge.

**PREVENTATIVE MAINTENANCE SERVICE PROCEDURES – MAJOR INSPECTION
NATURAL GAS POWERED EMERGENCY GENERATORS SETS****I. ENGINE****a. Lubrication System**

1. Check oil level
 - a. Inspect for evidence of dilution or contamination.
 - b. Top off as required.**
2. Visual inspection of front and rear crankshaft seals and lubrication system gaskets for leaks.
3. Visual inspection of pipes and hoses for leaks and condition.
4. Check and record oil pressure at operating temperature.
5. Draw lube oil sample for lab analysis.
6. Check for evidence of excessive crankcase pressure.
7. Oil and lube oil filter change (annual basis)

b. Fuel System

1. Check fuel system from supply pipe to carburetor for condition and security.
2. Inspect and lubricate carburetor actuator and ball joints.
3. Check fuel pressure
4. Inspect ignition components
5. Draw fuel sample for lab analysis.

c. Air System

1. Inspect air filters for condition and security, tighten clamps and brackets as required.*
2. Inspect air inlet connections to engine for condition and security.
3. Inspect turbo outlet hoses and pipes for condition and security, tighten clamps and brackets as required. *
4. Service crankcase breathers as required.

I. ENGINE

d. Cooling System

1. Check coolant level, top off as required.*
2. Check and record freeze protection.
3. Chemical test corrosion protection, add inhibitor as required.*
4. Pressure test to 15 psi and inspect for leaks.
5. Inspect fan shrouds, guards and brackets for condition and security.
6. Inspect and lubricate idler and fan drive bearings. Check condition and security of mounts, brackets and adjusters, tighten fasteners as required.*
7. Inspect radiator core for cleanliness, condition and security.
8. Inspect fan drive, belt for condition and proper tension and adjust as required.*
9. Inspect coolant hoses and pipes for condition and security.
10. Check operation of intake and exhaust louvers if applicable.
11. Check operation of jacket water heater, control thermostats and oil pressure disconnect contactor.
12. Check and record coolant temperature under operating conditions.
13. Draw a coolant sample for lab analysis.

e. Exhaust System

1. Inspect exhaust pipes and flexes where accessible for security and evidence of leaks.
2. Inspect turbocharger clamps and brackets, tighten as required.*
2. Inspect muffler supports for condition and security.
3. Operator condensate drains as applicable.

f. Electrical System (Engine)

1. Inspect starter cables, wire and connectors for condition and security.
2. Check and record starting battery float voltage.
3. Check electrolyte level (lead and batteries).
4. Load test starting batteries for 15 seconds and record voltage.
5. Check charger for proper operation and output.
6. Check battery charging alternator connections if applicable.
7. Visually inspect on engine wiring connections for condition and security.
8. Test / prove all engine protective devices.

II. GENERATOR

a. Mechanical

1. Visually inspect mounting bolts for security and condition.
2. Inspect fastening bolts for drive flex.
3. Inspect fan guard for condition and security.
4. Inspect air inlet screen for cleanliness, condition and security.
5. Inspect and lubricate bearing as required.*
6. Inspect mechanical connections for tightness, condition, and security as required.*

GENERATOR ALTERATION, MAINTENANCE, SERVICE AND REPAIR
PREVENTATIVE MAINTENANCE SERVICE PROCEDURES – MAJOR INSPECTION
NATURAL GAS POWERED EMERGENCY GENERATORS SETS

II. GENERATOR

b. Electrical

1. Check and record no load and full load voltage.
2. Inspect exciter assembly, stator and field for cleanliness and physical integrity.
3. Inspect cable and wire termination at generator for condition and security.
4. Inspect rotating rectifier and surge suppressor for condition, connection and mounting integrity.
5. Inspect end bell enclosure for cleanliness and device interference with rotating assemblies.
6. Prove generator protective devices.

III. CONTROLS

1. Check operation of auto start and remote controls.
2. Check operation and AC and engine instruments.
3. Check operation of generator set associated indicators and lights.
4. Check and adjust system frequency and voltages as required.*
5. Check and adjust synchronized kilowatt and reactive load sharing as required.*

IV. RUNNING CHECKS

1. Start and run unit at no load and make appropriate entries on log form.
2. Complete general walk around inspection.
3. Visually inspect for leaks.
4. Check for abnormal noise or vibration.

V. DEPARTURE CHECKS

1. Reset all controls to automatic.
2. Confirm circuit breaker in correct position.
3. Confirm fuel valves are in the correct position.
4. Confirm battery charger is on.
5. Confirm that louver controls are on.
6. Confirm that jacket water heater is on.

* As required – 1. According to published manufacturers' specifications or recommendation.
2. Where no published according to sound practices.

**Top off fluids up to 1 gallon. Additional quantities at additional charge.

ITEM # 17 - QUARTERLY MAJOR PREVENTIVE MAINTENANCE FOR ACCREDITED UNITS

Perform Major Preventive Maintenance service, on Quarterly basis, on units #96, #96A, #58, and two (2) vehicles #RD-250 and #RD-106.

ITEM # 18 - TRAILER MOUNTED UNITS --PREVENTATIVE MAINTENANCE PER RUN HOURS

The preventative maintenance work shall be conducted every 250 hours of run time.

	<u>MAKE</u>	<u>MODEL</u>
#58-B, Sheriff's Mobile Unit (2 gensets)	Onan	7.5HDKAT41934F
#97A, County Connection Bus	Onan	7.5HDCAL-16
#97B, County Connection Bus	Onan	12.5HDXCB

ITEM # 19- PREVENTATIVE MAINTENANCE FOR PORTABLE GENERATOR UNITS – PER RUN HOURS

The County has a small number of portable units that need preventative maintenance. The preventative maintenance work shall be conducted every 250 hours of run time. These units vary in kW from 3-20kW. For this contract, assume 354 kW for 1-year term. List of all units will be provided to successful bidder.

PREVENTATIVE MAINTENANCE REQUIREMENTS FOR “PER RUN HOUR” UNITS

Preventative Maintenance Service shall consist of the following for all Per Run Hour Units:

1. Check for oil leaks and repair as needed under “Time and Materials”.
2. Perform all service checks as appropriate for each unit as listed on the sample inspection sheet noting each discrepancy in the remarks section.
3. In addition to the checklist items the contractor shall perform the following:
 - A. Cooling system flush.
 - B. Coolant replacement.
 - C. Engine oil change.
 - D. Engine oil filter change.
 - E. Proper disposal of liquids.

ITEM # 20 - FLUID POLISHING

Contractor shall, perform upon request, the process of drawing the fuel from the tank through a filter system and back into the tank. During this, constantly circulating the fuel through the filter to capture all the water and elements that have accumulated in the diesel fuel in accordance with industry standards and applicable regulations. Pricing is per gallon, not task.

ITEM # 21 - LOAD BANK TEST (2-HOUR)

Perform the following:

1. Check all fluid levels in the generator.
2. Start and run the generator without load to check for any abnormalities
3. Stop
4. Lockout via emergency stop and removing battery power to prevent inadvertent starting.
5. Disconnect and safe-off building leads from generator breaker.
6. Connect the appropriate style pigtailed and camlocks to the generator breaker bus bar.
7. Connect camlock cables to an appropriately rated resistive load bank(s).
8. Start the generator from the generator controller.
9. Allow generator to reach full speed.
10. Apply load of 50% of generators name plate rating and allow to run for thirty minutes.
11. Monitor operation of generator and note any irregularities. Record the following parameters every 15 minutes – V(3 phase) A (3 phase) oil pressure, coolant temp, engine speed, battery voltage
12. Step load up to 75% of name plate rating and allow to run for an additional hour.
13. Monitor operation of generator and note any irregularities. Record the following parameters every 15 minutes - V (3 phase) A (3 phase) oil pressure, coolant temp, engine speed, battery voltage.
14. Remove all load and allow the engine to run for 15 minutes to cool down.
15. Shut down the generator and visually inspect for any discrepancies.
16. Lockout via emergency stop, removing battery power to prevent inadvertent starting.
17. Disconnect camlock cables from the generator breaker bus bar.
18. Reconnect the building leads to the generator bus bar.
19. Remove the lockout, re-terminate the batteries.
20. Test run the genset to ensure it makes speed and voltage.
21. Return the generator to “auto”.

ITEM # 26 - ALLOWANCE FOR PORTABLE GENERATOR RENTAL

It may be necessary at times as conditions dictate where the County needs to rent portable generators. A quote will be obtained from the bidder for a specifically sized unit. The quote shall include all standard cabling, components and hook-up with plugs as required for operable connections to County receiving inputs. Contractor must provide turn-key electrical services with its own forces or may hire subcontractor. Contractor shall be responsible to coordinate its own electrical work. Provide copy of Electrical License to County at time of quote, or no later than prior to performing electrical work.

ITEM # 27 - ALLOWANCE FOR ALTERATION WORK

Alteration Work is defined as upgrades or alterations made to existing systems. This work does not include complete new system installations.

Alteration Work labor crafts may be subcontracted by the prime Generator contractor provided the provisions outlined in "Subcontracting" paragraph of this bid are adhered to.

When installing new parts provided by the successful contractor, said subcontractor will be required to give the department's representative all paperwork found in the original package (e.g: warranty registration forms, literature, drawings, installation instructions, part numbers, etc.)

SUBCONTRACTING

Subcontracting is permitted for Alteration Work labor for electrical and plumbing trades as required to perform the work. If additional trades are required, the prime contractor shall first obtain advance authorization from the Buildings and Ground Department. Special conditions are applicable to subcontracted work as follows:

1. Contractor shall ensure the subcontractor complies with all terms of this contract.
2. Contractor agrees to provide any supervision required to ensure correct, complete and timely completion of the work at no additional cost to the County and as may be requested by the County.
3. Subcontractor shall be paid by the Contractor per the terms of their subcontract. The County bears no responsibility or liability to the subcontractor or any of their employees.
4. Contractor shall provide New Jersey State Licenses, as applicable and Public Work Contractor Registration Certificates for all subcontractors and as to any change in the status of its subcontractors. It is the responsibility of the contractor to advise the County and provide all Certificates as required by law.

Billing of labor and materials for the Electrician, Plumber, and other trades given advanced authorization, shall be billed under the Allowance for Alteration Work line item on the pricing page.



EMERGENCY GENERATOR ANNUAL PREVENTIVE MAINTENANCE INSPECTION FORM

VENDOR COMPANY _____

TECHNICIAN _____ DATE _____

SERVICE TICKET # _____

ADDRESS _____

GENERATOR

MOD/SPEC# _____ SER.# _____ HRS. _____

AUTOMATIC TRANSFER SWITCH

MOD/SPEC# _____ SER.# _____ VOLTAGE _____

ENGINE

MOD# _____ SER.# _____ SPEC.# _____

Initials - DONE

Comments

1. Check engine fluids levels for normal operating range.		
2. Check air intake system from engine to outside air source for condition/security.		
3. Check exhaust system from engine to outlet for condition/security.		
4. Check cooling system fans, hoses, belts, air/electric louvers and		
5. Check fuel system from engine and day tank to storage tank for condition/security.		
6. Check engine mounts for condition/security.		
7. Check cranking system for condition/security.		
8. Check control panel for proper indications and settings for test run. Notify company representative		
9. Start and run generator at no load and make appropriate entries on Stewart & Stevenson's log form.		
10. Note any unusual conditions and add load available to observe generator and appropriate switchgear functions.		
11. Check all battery cell hydrometer readings and record. Clean the battery cables and terminals; tighten and apply corrosion protection. Perform a capacity load-test as deemed necessary per the hydrometer readings		
12. All the control wiring will be checked for chafing, burn marks, and/or loose connections and noted on inspection report.		
13. The unit will be run using ATS , oil pressure, fuel pressure, charging amps, voltage and frequency will be recorded. This test should be conducted at a uniform time interval for comparison.		
14. Check the engine safety shutdowns for proper operations.		
15. Check/record fuel level - notify University if below 1/2 tank (<i>diesel</i> only).		
16. Check the generator slip rings and brushes as applicable for wear and proper conditions.		
17. Check the exciter field resistance for proper specifications.		

18. Check line to line voltage and adjust voltage regulator to specifications as required		
19. Check the engine/ generator alignment. Note: This should only be done if a problem is indicated or the coupling has been disturbed for maintenance purposes.		
20. Fuel, coolant, and lubricating oil is to be sampled and lab tested.		
21. Adjust the intake, exhaust and valve bridge lash, as applicable.		
22. Check and adjust injection timing (injectors or injection pump whichever is applicable).		
23. Check for signs of leaky nozzles; advise on course of action.		
24. Check glow plugs for proper operation, as applicable		
25. Inspect spark plugs. Replace spark plugs on as needed basis.		
26. Lubricate the governor linkage, and check the governor response on ramp to rated speed for proper adjustment		
27. Governor - check and maintain oil level (if required).		
28. Change lube oil and lube oil filters		
29. Change fuel filters		
30. Fuel tank - drain water and sediment		
31. Return unit to auto.		

The Contractor shall perform Annual MAJOR AND Annual MINOR preventative maintenance on these Emergency Power Systems:

Bldg. #	Location	KW	Make	Model	Serial #	Fuel	Tank	Load bank
2	Prosecutors 239 Washington Avenue, TR	80	Cummins Onan	C80 N6	C17016882	Nat Gas V: 240	No tank	BL
2a	Computer Crimes Van 239 Washington Avenue, TR	7	Cummins	7HGJAE-1912K	H170228979	GAS V: 240	VEHICLE	LB
5	Building and Grounds 239 Washington Avenue, TR	35	Cummins Onan	GGFD-5770762 EMN: ESG642	H060956267 ESN:06TK58174	Nat Gas V: 240	No Tank	BL
8	Voting Tech Center 110 Lehigh Ave. Lakewood	125	Kohler/ GM	125RZG EMN: GM-8.1L	2143965 ESN: 8P1L14745	Nat Gas V: 240	no tank	LB
14 (rear)	Parking Deck 129 Hooper Ave Toms River	100	Kohler/ GM	100 RZC EMN: GM-8.1L	2038486 ESN:8P1L10447	Nat Gas V: 240	no tank	LB
15	PEER Bldg. Unit A 129 Hooper Ave TR	250	Kohler/ JD	250REOZJE EMN: 6090HF484	SGM32FJZS ESN:RG6090L125536	Diesel V: 480	944 gal.	LB
15	PEER Bldg. Unit B 129 Hooper Ave TR	250	Kohler/ JD	250REOZJE EMN: 6090HF484	SGM32FJZT ESN:RG6090L125537	Diesel V: 480	944 gal.	LB
17	Admin Building 101 Hooper Avenue TR	800	Kohler/ Mitsu	800 REOZM EMN: S12A2-Y1PTA-1	2032582 ESN: 24046	Diesel V: 240	500 gal. EX. 2000 gal	LB
19	Justice Complex 120 Hooper Avenue TR	600	Cummins	680FDR7028HH W EMN: VTA1710GS2	661390016 ESN: 37104360	Diesel V: 480	1000 gal	LB
19A	New Jail 114 Hooper Ave TR	500	Cummins	DFEK-543165 EMN: QSX15-G9	D090242693 ESN: 79371145	Diesel	1800 gal	BL
20	Court House East Wing 118 Washington St, TR	60	Katolite Perkins	D60FPP4 EMN: LJ33627	AD1455135NA ESN: U474085V	Diesel V: 208	500 gal.	LB
20A	62 Jail AT East Wing CtHs 100 Hooper Ave TR	100	Onan Cummins	100DGDBL34337A EMN: 6BT-5.9-G2	D890232465 ESN: 44351835	Diesel	500 gal. *shared fuel tank	LB
23	Library Headquarters 101 Washington Str. TR	150	Kohler/ GM	150 REZG EMN: GM-8.1L	2267732 ESN: 8P1L21315	Nat gas V: 240	no tank	LB
29	Northern Animal Shelter 615 Freemont Ave, Jackson	100	Generac	13749730100 EMN:F4GE9685A*J	2113643 ESN: 0J2730	Diesel V: 480	521 gal	LB
30	Bridge Department 152 Chestnut Street TR	125	Onan Cummins	DGEA-4479107 EMN: 6CT8.3-G2	D000085815 ESN: 45966761	Diesel V: 208	275 gal.	LB
31	Vehicle Services 152 Chestnut Street, Toms River	150	Onan	150 0DYG15R/14994F	L771284200 ESN: 17-04428	Diesel	275 gal.	BL

GENERATOR MAINTENANCE, SERVICE AND REPAIR FOR BUILDINGS AND EQUIPMENT

Bldg. #	Location	KW	Make	Model	Serial #	Fuel	Tank	Load bank
37	Juvenile Detention	125	Kohler/ JD	125ROZJ81	267486	Diesel	200 gal.	LB
Stairs	165 Sunset Ave, Toms River			EMN: 6076TF010	ESN: RG6076T136428	V: 208		
38	Health Dept. 175 Sunset Ave Toms River	200	Kohler/ JD	200REOZJD EMN: 6068HF485	2288576 ESN: PE6068L114993	Diesel V: 480	600 gal.	LB
42	Police Academy 659 Rt 88 (OCPark) Lakewood	35	Onan Cummins	35GGFB EMN: CSG-649I-6005-A	H980783666 ESN: 26735-1-04-98	Nat gas V:	no tank	LB
44	Lakewood Garage 1300 Kennedy Blvd Lakewood	60	Onan Cummins	DGCB-4493004 EMN: 4BT3.9-G4	L000/185068 ESN: 46055952	Diesel V: 240	150 gal. 1 Phase	Either
44A	Lakewood Tower 1300 Kennedy Blvd Lakewood	50	Cummins	DGHDA-4493002 EMN: 4BT3.9-G4	A 150784937 ESN: 72018048	Diesel V: 208	350 gal.	LB
45	Jackson Garage 38 Don Connor Blvd. Jackson	50	Onan	DGCA-4493002 EMN:4BT3.9-G4	L000185070 ESN: 46058058	Diesel	250 gal. 1 Phase	LB
46	Plumsted Garage 273 Lakewood New Egypt Road	50	Kohler Cummins	50ROZ281 EMN: 4BT-3.9	185113 ESN: 44159860	Diesel V: 208	550 gal.	LB
46A	Plumsted Tower 273 Lakewood New Egypt Road	50	Cummins	DGHDA-1423698 EMN: 4BTAA3.3G7	A 150784938 ESN: 72018018	Diesel	350 gal.	LB
47	Lacey Garage 1 Mule Rd, Forker River	60	Onan Cummins	DGCB-4479105 EMN:4BT3.9-G4	D000085816 ESN: 45962054	Diesel V: 240	150 gal.	LB
49A	Ship Bottom Tower 49 N Barnegat Ave Ship Bottom	40	Kohler	40REOZK EMN: KD13404TM/G18B	SGM32KF9G ESN: 4714301540	Diesel V: 240	1 phase	BL
50	Parks Administration 1198 Bandon Road Toms River	35	Onan Cummins	GGFB-3369137 EMN: CSG-649I-6005-A	C990887341 ESN: 30695-1-04-98	Propane		LB
P-52	Cattus Island Nature Center 1170 Cattus Island Blvd Toms River, NJ	20	Generac	G0067301 EMN: OJ9323	3000046075 ESN: 3000043797	NG V: 240	1 Phase	LB
52	Emergency Services MVC: CR-530, Manchester	125	Onan Cummins	DCEA-5550766 EMN: 6CT8.3-G2	B020332765 ESN: 46183478	Diesel V: 208	1000 gal.	BL
56	Airpark 101 Airport Rd, Forked River	300	Kohler/ JD	300REOZJ EMN: 6090HFG86	SGM322HGV ESN: G6090L113556	Diesel V: 480		LB
53	CSI: Laboratory Building		n/a					
57	Airpark T-Hangers 101 Airport Rd, Forked River	5	Winco	APS 5000/A	52517 Y 85 ESN: 5128E	Propane V: 240	100 gal.	Either

GENERATOR MAINTENANCE, SERVICE AND REPAIR FOR BUILDINGS AND EQUIPMENT

Bldg. #	Location	KW	Make	Model	Serial #	Fuel	Tank	Load bank
58	CSI-Detective Building (Old Sher Coms/Wireless Tech.)	175	Generac	SG175	3002935264	Nat Gas		LB
	*replaces the Gen in the pit				ESN: G9178003041	V: 208		
	146 Chestnut Street TR							
58-B	Sheriff Mobile Unit #2	7.5	Cummins	7.5HDKAT41934S	E180351904	Diesel	Vehicle	no
	same model #, diff serials (2 Gens)		Kubota	EMN: D722-EF03		V: 120	1 Phase	
58-B.	146 Chestnut Street	7.5	Onan	7.5HDKAT41934F	H050815847	Diesel	Vehicle	no
	Toms River		Kubota	EMN: D722-ES		V: 120	1 Phase	
58-C	SWAT/Tack Mobile #3	10	Onan	10HDKCC42345D	A110183339	Diesel	Vehicle	no
	same model #, diff serials (2 Gens)			EMN: D1503-M			1 Phase	
58-C.	146 Chestnut Street	10	Onan	10HDKCC42345D	H100149024	Diesel	Vehicle	
	Toms River			EMN: D1503-M			1 Phase	
H		2	Honda	EU2000i	EAAJ-1918771	Gas	Vehicle	
H2		2	Honda	EU2000i	EAAJ-1918774	Gas	Vehicle	
60	Central Supply	130	Generac	SD130	3001583020	Diesel	????	LB
	138 Chestnut St. Toms River				ESN: 001473595	V: 208		
63	Transportation	125	Onan	125DGEA	I980799318	Diesel	225 gal.	LB
	1959 Rt 9, Toms River		Cummins	EMN: 6CT8.3-G2	ESN: 45752181	V: 208		
64B	Barneгат East	35	Spectrum	35GS60	386706	Propane	500 gal.	LB
	Mosquito Commission		Ford	EMN: CSG-6491-6005-F	ESN: 09666 C-18-RC	V: 240		
	783 W. Bay Avenue							
	Barneгат							
65	B&G Warehouse &Print Shop	200	Onan	NT-855GS4	E890235660	Diesel	300 gal.	BL
	162 Chestnut St. Toms River		Cummins	EMN: NT-855	ESN: 30317593	V: 480		
68F	Northern Recycling Center	230	KOHLER	320REOZJD	2160361	Diesel		
89	Beaver Dam Bridge	175	Onan	DGFB-3381736	K990014863	Diesel	250	LB
	(1671) Beaver Dam Rd			EMN: 6CTA8.3-G2	ESN: 45907210	V: 480		
	Point Pleasant, NJ							
90	Mantoloking Bridge	350	Cummins	350 DFCC	EO50786722	Diesel	250 gal.	LB
	30 Mantoloking Rd. Brick			EMN: NTA855-63	ESN: 30372247			
91	Fire Academy	250	Kohler	250REZXB	SGM32FJZV	Nat Gas		LB
	200 Volunteer Way, Waretown		PSI	EMN: D146L	ESN: EEZOG501710	V: 480		
96	911 Communications	500	Kohler/ JD	500REOZJ	3058909	Diesel	1759	LB
	138 Chestnut Street			EMN: 6135HFG75	ESN: RG6135G000995	V: 208		
	Toms River							
96A	Prosecutors: Strike Force	180	Kohler/ PSI	180REZXB	SGM324JK6	Nat Gas		LB
	138 Chestnut Street			EMN: D111L	ESN: EEIOH201758	V: 208		
	Toms River							
97A	County Conn Bus A, Bookmobile	12	Onan	12.5 HDKcb11	H060964234	Diesel	Vehicle	
	Hooper Avenue, Toms River							

GENERATOR MAINTENANCE, SERVICE AND REPAIR FOR BUILDINGS AND EQUIPMENT

Bldg. #	Location	KW	Make	Model	Serial #	Fuel	Tank	Load bank
97B	County Conn Bus B Hooper Avenue, Toms River	12	Onan	12HDKCD2209B	F060940855	Diesel	Vehicle	
101	Barnegat West Tower Site 1001 W. Bay Avenue, Barnegat	80	Cummins	C80 D6C EMN: QSB5G13	L200857040 ESN: 74732034	Diesel V: 480	568	LB
102	Pasadena Tower Dirt rd (101) Red Oak Grove Road Whiting, NJ	50	Cummins	DGHDA-1423694 EMN: 4BTAA3.3G7	A 150784936 ESN: 72018020	Diesel V: 208	350 gal	LB
103	Tuckerton Tower 120 Lakeside Drive Tuckerton	50	Cummins	DGHDA- 1423701 EMN: 4BTAA3.3G7	A 150784935 ESN: 72018040	Diesel V: 208	350 gal 1 phase	LB
104	Southern Animal Shelter 321 Haywood Road Stafford	80	Generac	13749590100 EMN:0H4893	2113621	Diesel V: 480	521 gal	BL
107A	Vehicle Services Garage Southern Complex, Manahawkin 379 Haywood Road, Stafford	300	Generac	9499870100 EMN: 088486	2097052	Nat Gas V: 480	no tank	BL
107B	Vehicle Services Truck Wash 379 Haywood Road, Stafford	31	Kohler	25CCL	33CJGMLK0002	Nat GaS	No tank	
109	Road Dept. Garage Southern Complex, Manahawkin 379 Haywood Road, Stafford	300	Generac	9499890100 EMN: 088486	2097151	Nat Gas V: 480	no tank	BL
116	Southern Service Center Nutrition site/ HALL 179 South Main Street Manahawkin	200	Kohler JD	200REOZJF EMN: 6068HFG85	SGM32FK2B ESN: PE6068L982072	Diesel V: 208	415 gal.	LB
116A	Southern Service Center (OFFICE) 179 South Main Street Manahawkin	100	Kohler JD	100REOZJF EMN: 4045HF285	SGM32FNBW ESN: PE4045L279545	Diesel V: 208		LB
Atlantis	Atlantis Golf - Restaurant 261 County Club Blvd Little Egg Harbor	67	Generac	IGLC75-2GU EMN: EPSIB5.702ED	P1402120002	Nat Gas V: 208	no tank	LB
120	West Creek Tower (911) 150 Cedar Run Dock Rd West Creek	80	Cummins Onan	C80 D6C EMN: QSB5-G5 NR3	J170260499 ESN: 74205991	Diesel V: 208		Has LB
121	911 Lacey Tower 34 R. Kennedy Blvd Forked River	80	Cummins	C80-D6C EMN:QSB-G3 NR3	A180300547 ESN: 74251567	Diesel	631	LB
122	911 Tower 255 Mantoloking Road Brick, NJ	80	Cummins	DSFAE-1724029 EMN: QSB5-G3 NR3	C170170430 ESN: 74074880	Diesel		LB

GENERATOR MAINTENANCE, SERVICE AND REPAIR FOR BUILDINGS AND EQUIPMENT

Bldg. #	Location	KW	Make	Model	Serial #	Fuel	Tank	Load bank
123	911 Tower	80	Cummins	C80 D6C	H180396117	Diesel	631	LB
	38 Don Conner Blvd			EMN: QSB5G13	ESN: 74320264	V: 208		
	Jackson Twp			2300 Series controllers				
124	911 Tower	80	Cummins	C80 D6C	K180460260	Diesel		LB
	Manchester Township			EMN: QSB5G13	ESN: 74414441	V: 208		
	2820 Ridgeway Blvd.							
124	Manchester Garage/ Offices	500	Generac	SG0500KG30258N18HPSYE	3004436952	Gas		Has LB
	2820 Ridgeway Blvd, Manchester			EMN: E3262E203	ESN:81153238075323	V: 480		
124A	Manchester Data Center	250	Generac	SG250KG2142S1SHPSYE	3004439838	Gas		Has LB
	2820 Ridgeway Blvd, Manchester				ESN: G9191000076	V: 480		
124B	Manchester Ocean Ride Transportation	350	Kohler/ PSI	350REZXB	33DYGMGP0004	Gas		Has LB
	2820 Ridgeway Blvd., Manchester			EMN: D183L	ESN: EZSOD900911	V: 480		
P131	Cedar Bridge Tavern	25	Gererac	QT02524ANSNA	3002188438	Propane		LB
	Dirt rd			EMN: HGNXB02.42NN	ESN: 3002188438	V: 240	1 phase	
	Barnegat							

GENERATOR MAINTENANCE, SERVICE AND REPAIR FOR BUILDINGS AND EQUIPMENT

Trailer #	Location	Kw	Make	Model	S/N	Fuel		
SH-TL35	MVC: CR-530, Manchester twp							
SH-TL360	MVC: CR-530, Manchester twp	5	Wanco Kubota	LT 3N-100/4 EMN: D1005	ESN: 1MR4656	Diesel		
SH-TL359	MVC: CR-530, Manchester twp	5	Wanco Kubota	LT 3N-100/4 EMN: D1005	ESN: 1MR5065	Diesel		
SH-TL199	MVC: CR-530, Manchester twp	12	Cummins Kubota	12HDKCD-2209H EMN: D1503	K180453702	Diesel V:240		
SH-TL140	146 Chestnut Street, TR	5	Generac	GP5500 EMN: 390FA	T56013060066059	Gas		
FM-431	Investigation Unit 146 Chestnut Street, TR	3	Honda	EU3000is	EACT-1890556	Gas		
FM-451	Fire Marshal's Office 146 Chestnut Street, TR	5	Honda	EG5000CL EMN: ED3	GCBBDT-1660721	Gas V: 240(1)		
FM-428	MVC: CR-530, Manchester twp	3	Honda	EU3000is	EAMT-2032272	Gas		
FM-Port.	MVC: CR-530, Manchester twp	5	Honda	EM5000is	EAJJ-1006671	Gas		
Road Dept Vehicle #	Location	Kw	Make	Model	S/N	Fuel		
RD-250	379 Haywood Road, Stafford	5.5	Cummins Onan	5.5HGJAD-2138J	J140747499	Gas V:120(1)		
RD-106	379 Haywood Road, Stafford	7	Cummins Onan	7HGJAD-2139M	G200779591	Gas V:120(1)		