BOARD OF RECREATION COMMISSIONERS

COUNTY OF MONMOUTH

NEW JERSEY

Furnishing and Delivery of Heating and Air Conditioning Maintenance, Repair Parts, Service and Installations

BID No: #0001-16

BID ADVERTISED: FRIDAY, AUGUST 28, 2015

BID DUE: WEDNESDAY, SEPTEMBER 16, 2015 at 10:00 AM

Prepared By:

Monmouth County Park System
805 Newman Springs Road
Lincroft, New Jersey 07738
(732)-842-4000

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MONMOUTH COUNTY
NOTICE TO BIDDERS

ADVERTISED DATE: **FRIDAY, AUGUST 28, 2015**

TAKE NOTICE that sealed Bids for a proposed Contract for the project known as **FURNISHING AND DELIVERY OF HEATING AND AIR CONDITIONING MAINTENANCE, REPAIR PARTS, SERVICE AND INSTALLATIONS (Bid #0001-16)** will be publicly received, opened and read aloud by the Purchasing Agent for the Monmouth County Board of Recreation Commissioners, at the Monmouth County Park System Headquarters, Thompson Park, 805 Newman Springs Road, Lincroft, New Jersey on **WEDNESDAY, SEPTEMBER 16, 2015** at **10:00 AM** prevailing time.

PRE-BID INSPECTION. A pre-bid meeting **is not** scheduled for this project. Bidders are expected to examine existing conditions at the project site that will bear on the proposed work.

BIDDING DOCUMENTS AVAILABLE. Bid Documents, including Instructions to Bidders, complete Plans and Specifications, and Proposal Forms may be obtained by qualified bidders on our website at **www.monmouthcountyparks.com**; **"Doing Business with Us;" "Request for Bids"** or at Monmouth County Park System, Headquarters, Thompson Park, 805 Newman Springs Road, Lincroft, New Jersey 07738 between the hours 8:00 a.m. and 4:30 p.m., Monday through Friday. If requested by potential bidders, the Monmouth County Park System will mail a bid packet to such bidders. The Monmouth County Park System only assumes the responsibility for email and /or fax notifications and for placing bid packet in the mail, and not for the proper and timely delivery of such notices or packets.

STATUTORY REQUIREMENTS. The successful Bidder will be required to comply with P.L. 1975 c.127 (N.J.A.C. 17:27) "Affirmative Action, " (42 U.S.C.512101 et seq) "American with Disabilities Act," N.J.S.A. 4OA:11-16 "Designated Subcontractors" Chapter 150 of New Jersey Laws of 1963 "Prevailing Wages," "The Public Works Contractor Registration Act" (P.L.1999, s.238, as amended by P.L.2003, c.91), New Jersey State Business Registration (N.J.S.A. 52:32-44), and all other laws and regulations that apply to bidding and the performance of the proposed Contract.

FORM OF BID. Bids must be made using the Proposal Form that is provided in these Bidding Documents, or on copy machine reproductions thereof. Each delivered Bid must be enclosed in a sealed opaque envelope bearing the prominent notations "Bid Proposal for **FURNISHING AND DELIVERY OF HEATING AND AIR CONDITIONING MAINTENANCE AND REPAIR PARTS AND SERVICE AND INSTALLATIONS (Bid #0001-16)**". The envelope must also bear the Bidders name and address, and be directed to the Monmouth County Board of Recreation Commissioners, 805 Newman Springs Road, Lincroft, New Jersey 07738.

BID GUARANTEE. Each Bid must be accompanied by a Bid Guarantee payable to "Monmouth County Board of Recreation Commissioners." The Bid Guarantee shall be in the amount of "10% of the Base Bid (as called out in the Bid Form)" or $20,000.00, whichever is the lesser amount. The Bid Guarantee shall be given by certified check, treasurer's check or bid bond at the Bidder's option.

NOTICE TO BIDDERS
(Continued)

FORMS TO ACCOMPANY BID. Each Bidder shall complete and submit with its Bid the following: Statement of ownership, Non-Collusion Affidavit (blank copies included in the Bidding Documents), Consent of Surety (sample of acceptable work to be included in the Bidding Documents) and Bid Guarantee, Certificate of Registration with the New Jersey Department of Labor as required under "The Public Works Contractor Registration Act" (P.L. 1999, c.238), New Jersey State Business Registration (N.J.S.A. 52:32-44).

CONSENT OF SURETY. Consent of Surety must accompany each bid. The Consent of Surety shall provide that if the Contract is awarded to its principal, the Surety on behalf of its principal will post Performance, Payment and Maintenance Bonds, each of which shall be for 100% of the amount of the awarded Contract.

RIGHTS TO REJECT BIDS. The Monmouth County Board of Recreation Commissioners shall have the right to reject any or all Bids; to reject a Bid not accompanied by a Bid Guarantee, Consent of Surety, or any of the other documents called for by the Bidding Documents; to reject a Bid which is in any way incomplete or irregular; and to waive any informalities contained in the Bids.

EQUAL OR TIED BIDS. The Monmouth County Board of Recreation Commissioners shall have the right to award the Contract to any one of the lowest responsible Bidders whose Bids are equal to or tied.

INQUIRIES. All inquiries are to be directed to the Purchasing Department at (732)-842-4000.

BY ORDER OF THE BOARD OF RECREATION COMMISSIONERS
COUNTY OF MONMOUTH

FRED J. RUMMEL, CHAIRMAN
JAMES J. TRUNCER, SECRETARY-DIRECTOR
STEPHANIE WEISE, PURCHASING AGENT

NOTICE

THE PUBLIC WORKS CONTRACTOR REGISTRATION ACT (P.L.1999, s.238, as amended by P.L.2003,c.91)

Revision to Existing Law effective August 17, 2003:

34:11-56.51 Registration required for contractors, subcontractors.

No contractor shall bid on any contract for public work as defined in section 2 of P.L.1963,c.150 (C.34:11-56.26) unless the contractor is registered pursuant to this act. No contractor shall list a subcontractor in a bid proposal for the contract unless the subcontractor is registered pursuant to P.L.1999, c.238 (C34:11-56.48 et seq.) at the time the bid is made. No contractor or subcontractor, including a subcontractor not listed in the bid proposal, shall engage in the performance of any public work subject to the contract, unless the contractor or subcontractor is registered pursuant to that act.

34:11.56.55 Submission of all subcontractor registration certificates by contractor.

Each contractor shall, after the bid is made and prior to the awarding of the contract, submit to the public entity the certificates of registration for all subcontractors listed in the bid proposal. Applications for registration shall not be accepted as a substitute for a certificate of registration for the purposes of this section.

L.1999,c.238,s.8; amended 2003,c.91., s4.

Registration now pertains to ALL 'PUBLIC WORKS" not just buildings with public access.

SUBMITTED BY:_____
(Company Name)

PROPOSAL

FOR FURNISHING AND DELIVERING *HEATING AND AIR CONDITIONING MAINTENANCE, REPAIR PARTS, SERVICE AND INSTALLATIONS* TO THE MONMOUTH COUNTY BOARD OF RECREATION COMMISSIONERS, LINCROFT, NEW JERSEY, 07738

The undersigned hereby declares that _he has carefully examined the advertisement, specifications, and form of contract for furnishing the specified items, and will execute the contract according to the specifications, terms, and conditions with respect to the following:

(Note: Unit prices quoted shall not include work in crawl spaces and ceiling spaces, where applicable. No charges or surcharges shall be assessed for such work.)

HEATING:

ITEM #1: Oil-fired units, start-up and cleaning service – per unit: $_____

Variance:_____

ITEM #2: Natural gas units, start-up and cleaning service – per unit: $_____

Variance:_____

ITEM #3: Electric units, start-up and cleaning service – per unit: $_____

Variance:_____

ITEM #4: Normal Service Call -- First Half-Hour Rate: $_____

ITEM #5: Normal Service Call -- Hourly Rate (charged in half-hour increments): $_____

Variance:_____

ITEM #6: Emergency Service Call – Hourly Rate: $_____

Hours which emergency service rate is in effect are Mondays through Fridays, 5:00 p.m. – 8:00 a.m.; and Saturdays, Sundays, and Holidays (as specified)

Variance:_____

AIR CONDITIONING:

ITEM #7: Air conditioning annual start-up and cleaning service – per unit: $_____

Variance:_____

ITEM #8: Normal Service Call -- First Half-Hour Rate: $_____

ITEM #9: Normal Service Call -- Hourly Rate (charged in half-hour increments): $_____

Variance:_____

ITEM #10: Emergency Service Call – Hourly Rate: $_____

Hours which emergency service rate is in effect are Mondays through Fridays, 5:00 p.m. – 8:00 a.m.; and Saturdays, Sundays, and Holidays (as specified)

Variance:_____

PERCENT DISCOUNT ON PARTS:

ITEM #11: Parts (Heating/Air Conditioning)

Percentage discount from the Manufacturer's List _____%

Estimated cost of parts: $_____

CONSULTATION SERVICES:

ITEM #12: Consultation Services – Hourly Rate: $_____

Variance:_____

BID PRICE PER FACILITY:

ITEM #13: Charleston Springs Golf Center $_____
Annual heating start-up preventative maintenance

ITEM #14: Charleston Springs Golf Center $_____
Annual air conditioning start-up preventative maintenance

ITEM #15: Manasquan Reservoir Environmental Center $_____
Annual heating start-up preventative maintenance

ITEM #16: Manasquan Reservoir Environmental Center $_____
Annual air conditioning start-up preventative maintenance

ITEM #17: Fort Monmouth Recreation Center $_____
Annual heating start-up preventative maintenance

ITEM #18: Fort Monmouth Recreation Center $_____
Annual air conditioning April start-up preventative maintenance

ITEM #19: Fort Monmouth Recreation Center $_____
Three (3) monthly (May, June, July) operational inspections

ITEM #20: Fort Monmouth Recreation Center $_____
Annual October air conditioning shut-down preventative maintenance

ITEM #21: Thompson Park Visitor Center $_____
Annual heating start-up preventative maintenance

ITEM #22: Thompson Park Visitor Center $_____
Annual April air conditioning start-up preventative maintenance

ITEM #23: Thompson Park Visitor Center $_____
Three (3) monthly (May, June, July) operational inspections

ITEM #24: Thompson Park Visitor Center $_____
Annual October air conditioning shut-down preventative maintenance

TOTAL LUMP SUM BID: $_____
(total of all Items divided by 24)

PLEASE CHECK ONE:

1. Prices quoted are delivered prices (freight/postage included):
2. Freight/Postage to be added: _____

PLEASE NOTE: N.J. TAX EXEMPTION NO.#69-0220842

The undersigned is a partnership under the laws of the State of _____
a corporation
an individual

having principle offices at _____

CONTRACTOR _____

PRINT NAME AND TITLE _____

SIGNATURE _____ DATE _____

ADDRESS _____

_____

FEDERAL ID NO. OR SOCIAL SECURITY NO. _____

BUSINESS PHONE _____ FAX # _____

E-MAIL _____

WEB ADDRESS _____

CONTRACTORS QUALIFICATION AND REFERENCES

The Bidder must supply a minimum of three references. References must be from jobs similar to this project.

References:

1. Name of Project: _____

Address: _____

Description of Work: _____

Year Installed: _____

Name of Contact: _____

Phone Number of Contact: _____

2. Name of Project: _____

Address: _____

Description of Work: _____

Year Installed: _____

Name of Contact: _____

Phone Number of Contact: _____

3. Name of Project: _____

Address: _____

Description of Work: _____

Year Installed: _____

Name of Contact: _____

Phone Number of Contact: _____

4. Name of Project: _____

Address: _____

Description of Work: _____

Year Installed: _____

Name of Contact: _____

Phone Number of Contact: _____

INSTRUCTIONS TO BIDDERS

1. **OWNER:** The Owner is the Monmouth County Board of Recreation Commissioners. The Board of Recreation Commissioner's representative prior to the execution of the proposed contract is the Monmouth County Park System's Purchasing Agent (see Notice To Bidders for address and telephone number).
2. **BIDDING DOCUMENTS:** The Bidding Documents consist of the Notice To Bidders, the Bid Form and other forms required to be submitted with the Bid, the Park System's standard Form of Agreement, these Instructions To Bidders, the General Conditions of the Contract, project drawings and/or written specifications, and all addenda which have been issued prior to the Park System's receipt of bids.
3. **ADDENDA:** Public Notice of Addenda shall be provided no later than seven days, Saturdays, Sundays and Holidays excepted, prior to the date of acceptance of bids, to any person who submitted a bid or who has received a bid package in any of the following ways: i) in writing by certified mail or ii) by certified facsimile transmission, meaning that the sender's facsimile machine produces a receipt showing date and time of sender's facsimile and that the transmission was successful or iii) by a delivery service that provides certification of delivery to the sender.
4. **SUBSTITUTIONS:** Bids shall not be based on the use of any substitutions for the materials, products and equipment described in the Bidding Documents, unless the use of substitutions have been authorized by the Park System. Any Bidder may propose substitutions to the Park System. Proposed substitutions must be in writing and be delivered to the Park System at least ten days before the bid receipt date. The Park System will issue to all Bidders an addendum for any approved substitution.
5. **FORM OF BID PROPOSAL:** Bidders must use the Park System's pre-printed Bid Form, or copy machine reproductions thereof, to prepare their bids.
6. **SALES AND EXCISE TAXES:** Bids must fully account for all costs imposed by applicable New Jersey Sales Tax and Federal Excise Tax laws. The County/Park System is exempted from paying New Jersey Sales Taxes on equipment and materials which are incorporated in the work, and on supplies and services that are used exclusively to alter, construct, improve or repair County-owned property. The County's sales tax exemption does not extend to the purchase, lease or rental of equipment used to prosecute the work.
7. **BID GUARANTEE:** Checks posted as the Bid Guarantee shall be payable to "Monmouth County Board of Recreation Commissioners," payable in U.S. Dollars, and be drawn on a bank which is authorized to conduct business in the United States. Bid bonds offered as the Bid Guarantee shall be by a surety which is licensed to conduct business and authorized to post such bonds in the State of New Jersey.
8. **RETURN OF BID GUARANTEES:** Bid Guarantees will be returned to the Bidders in accordance with the provisions of the New Jersey Local Public Contracts Law.
9. **DELIVERY OF BID:** Bids may be delivered by the Bidder in person, or by mail or commercial delivery service, to the Monmouth County Park System's Purchasing Agent (see Notice To Bidders for address). The Park System assumes no responsibility for bids which are received later than the time established by the Notice To Bidders for the receipt of bids. Late bids will be returned unopened to the Bidders.
10. **RELEASE OF BID:** Within a reasonable time after the opening of bids, a Bidder may request release of its Bid only if there is an excusable material error in the Bid price(s). Such requests must be in writing. The Park System shall have the sole right to determine if a Bidder will be released from its bid.
11. **MODIFICATION OF BID:** A bid may not be canceled, modified, or withdrawn during the 60 calendar day period after the bids are opened.
12. **AWARD OF CONTRACT:** Unless otherwise stated, the Monmouth County Board of Recreation Commissioners intends to award a single overall contract for the work to the lowest responsible Bidder, or to reject all bids, within 60 calendar days after the receipt of bids, unless the period for award is extended by mutual agreement of the parties.
13. **PERFORMANCE AND PAYMENT BONDS:** Performance and payment bonds, as described by the Model Consent of Surety elsewhere in the Bidding Documents, must be posted with the Park System within 21 business days of the Bidder's receipt notice that it has been awarded the contract.
14. **MAINTENANCE BOND:** The Notice To Bidders will indicate if the Park System will require Maintenance

INSTRUCTIONS TO BIDDERS—Continued

Bond to be posted upon completion of the work. In that event the Maintenance Bond shall be for a term of one calendar year from the date the work is completed, and shall be in the amount of 100% of the Contract Sum (as may be adjusted by Change Order)

15. **SURETY:** The surety who will post the bonds called for by the Bidding Documents must be licensed to conduct business and authorized to post such bonds in the State of New Jersey.

16. **SURETY DISCLOSURE STATEMENT.** A surety disclosure statement and certification in the form required by N.J.S.A. 2A:44-143 shall accompany the consent of surety at the time of the bid. The Park System may, however, at its discretion, allow submission of the security disclosure statement and certification after receipt of bids. Performance and payment bonds cannot be accepted by the Park System unless a surety disclosure statement and certification complying with N.J.S.A. 2A:44-143 has been provided.

17. **INSURANCE COVERAGE:** (see General Conditions of the Contract for Construction)

18. **ALLOWANCES:** The Bid Form will indicate if Allowances are to be included in the Total Base Bid. Allowance amounts which are pre-printed on the Bid Form do not include the Bidder's mark-ups; they must be factored into the lump sum bid item(s).

19. **UNIT PRICE BIDS:** When unit price bids are required, the unit prices entered on the Bid Form shall reflect the actual cost to be charged to the Park System for each item, including the Bidder's anticipated direct and other costs, overhead and profit directly related to each bid item. When the Bidder intends to bid zero for a unit price bid item, a "0" shall be entered for the unit price and the extended price.

20. **CORRECTION OF FAULTY ARITHMETIC:** The Park System shall have the right to check and correct the addition of all prices entered on any Bid Form, and will unilaterally substitute correct totals wherever a Bidder's entries are not correct. In the case of unit price bids, the Bidder's unit price shall prevail if the extended price entered on the Bid Form does not equal the Bidder's unit price multiplied by the quantity printed on the Bid Form. In any such instance the Bidder will be informed of the Park System's corrections.

21. **DESIGNATED SUBCONTRACTORS:** The Bid Form will provide for the Bidder to name its proposed Designated Subcontracts if the provisions of N.J.S.A. 40A:11-16 apply to the proposed Contract. Changing of such named Designated Subcontractors will not be permitted after the opening of Bids.

22. **PREVAILING WAGES & LABOR LAWS:** The New Jersey Prevailing Wage Act will apply to the proposed Contract (P.L. 1963, C. 150). By submitting its Bid the Bidder attests that neither they, their company, nor any of their intended subcontractors are prohibited from being awarded their contracts for failure to pay prevailing wages (N.J.S.A. 34:11-56.38). The Contractor and its subcontractors must submit certified payroll records to the Park System's designated representative within ten days of the payment of wages (N.J.A.C. 12:60-1). [Call N.J. Department of Labor at 609-292-2283 to obtain certified payroll form.]

23. **AFFIRMATIVE ACTION & EQUAL OPPORTUNITY:** The Affirmative Action Regulation of the State of New Jersey will apply to the proposed Contract. (P.L. 1975, C.127). A copy of the Mandatory Affirmative Action Language for Construction Contracts and EEO/Affirmative Action Compliance Notice Checklist is provided in the Bidding Documents to County's Form of Agreement. The Initial Project Manning Report must be submitted within three days of signing the Contract. Monthly Project Manning Reports must be filed with the New Jersey Affirmative Action Office, with copies to the Monmouth County Park System's Purchasing Agent.

24. **U.S. PRODUCTS REQUIRED:** Bid prices must fully account for the use and incorporation in the Work of only manufactured and farm products of the United State of America, wherever they are available (N.J.S.A. 40A:11-18). The Contract Sum will not be increased for any reasons that may stem from the Bidder's failure or neglect to account for this.

25. **FORM OF AGREEMENT BETWEEN COUNTY AND CONTRACTOR:** A copy of the Park System's standard form of Agreement is included in the Bidding Documents.

26. **AMERICANS WITH DISABILITIES ACT:** The Contractor shall comply with the provisions and requirements of the Americans With Disabilities Act, Equal Opportunity for Individuals With Disabilities, a copy of which is included in the Bid Documents.

INSTRUCTIONS TO BIDDERS—Continued

27. **PUBLIC WORKS CONTRACTOR REGISTRATION ACT**: Public Works Contractor Registration Act: The Public Works Contractor Registration Act (P.L.1999, c238 as amended by P.L. 2003, c91). No contractor shall bid on any contract for public work as defined in section 2 of P.L. 1963, c.150 (C.34:11-56.26) unless the contractor is registered pursuant to this act. No contractor shall list a subcontractor in a bid proposal for the contract unless the subcontractor is registered pursuant to P.L. 1999, c.238 (C.34:11-56.48 et seq.) at the time the bid is made. No contractor or subcontractor, including a subcontractor not listed in the bid proposal, shall engage in the performance of any public work subject to the contract, unless the contractor or subcontractor is registered pursuant to that act.

28. **NEW JERSEY BUSINESS REGISTRATION:** *N.J.S.A.* 52:32-44 imposes the following requirements on contractors and all subcontractors that knowingly provide goods or perform services for a contractor fulfilling this contract:

NEW JERSEY BUSINESS REGISTRATION REQUIREMENTS - CONSTRUCTION

All New Jersey and out of state business organizations must obtain a Business Registration Certificate (BRC) from the Department of Treasury, Division of Revenue, prior to conducting business in the State of New Jersey. Proof of valid business registration with the Division of Revenue, Department of Treasury, State of New Jersey, must be submitted for the bidder and any designated subcontractors (N.J.S.A. 40A:11-16, including plumbing, HVAC, electrical and structural steel). No contract will be awarded without proof of business registration with the Division of Revenue. The contract will contain provisions in compliance with N.J.S.A. 52:32-44, as amended, outlined below.

The contractor shall provide written notice to its subcontractors and suppliers of the responsibility to submit proof of business registration to the contractor. The requirement of proof of business registration extends down through all levels (tiers) of the project.

Before final payment of the contract is made by the contracting agency, the contractor shall submit an accurate list and proof of business registration of each subcontractor or supplier used in the fulfillment of the contract, or shall attest that no subcontractors were used.

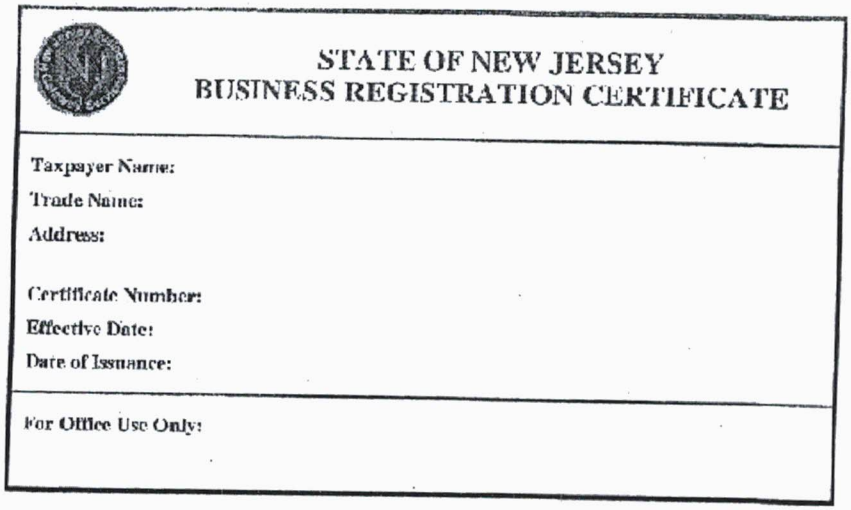
For the term of the contract, the contractor and each of its affiliates and each subcontractor and each of its affiliates (N.J.S.A. 52:32-44 (g) (3)) shall collect and remit to the Director, New Jersey Division of Taxation, the use tax due pursuant to the "Sales and Use Tax Act" (N.J.S.A. 54:32 B-1, et seq.) on all sales of tangible personal property delivered into this state.

A business organization that fails to provide a copy of a registration as required pursuant to section 1 of P.L. 2001, c.134 (N.J.S.A. 52:32-44 et seq.) or subsection e. or f. of section 92 of P.L. 1977, c.110 (N.J.S.A.5:12-92), or that provides false business registration information under the requirements of either of those sections, shall be liable for a penalty of $25.00 for each day of violation, not to exceed $50,000.00 for each business registration copy not properly provided under a contract with a contracting agency.

Sample Business Registration Certificates are attached. Other forms, such as a Certificate of Authority to collect Sales and Use Taxes or a Certificate of Employee Information Report Approval, are **not** proof of Business Registration.

Any questions in this regard can be directed to the Division of Revenue at (609) 292-9292. Form NJ-REG can be filed online at: http://www.state.nj.us/treasury/revenue/gettingregistered.shtml

THESE ARE SAMPLES OF THE ONLY ACCEPTABLE N.J. BUSINESS REGISTRATION CERTIFICATES:



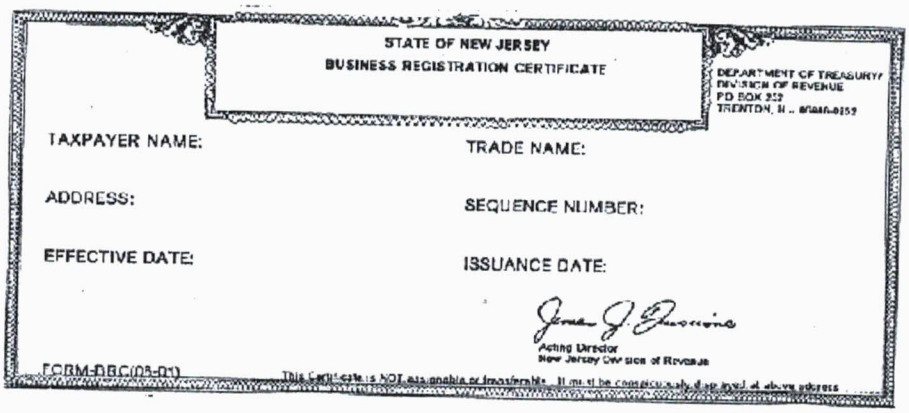
STATE OF NEW JERSEY
BUSINESS REGISTRATION CERTIFICATE

Taxpayer Name:
Trade Name:
Address:

Certificate Number:
Effective Date:
Date of Issuance:

For Office Use Only:

OR



STATE OF NEW JERSEY
BUSINESS REGISTRATION CERTIFICATE

DEPARTMENT OF TREASURY/
DIVISION OF REVENUE
PO BOX 252
TRENTON, N ... 08646-0252

TAXPAYER NAME:

TRADE NAME:

ADDRESS:

SEQUENCE NUMBER:

EFFECTIVE DATE:

ISSUANCE DATE:

Acting Director
New Jersey Division of Revenue

FORM-BRC(03-01)

This Certificate is NOT assignable or transferable. It must be conspicuously displayed at above address

BIDDER'S CHECKLIST

BID# 0001-16

(Owner's checkmarks)		Items submitted with bid (Bidder's **INITIALS**)
⇓	**A. FAILURE TO SUBMIT ANY OF THESE ITEMS WITH BID IS MANDATORY CAUSE FOR REJECTION**	⇓
X	Bid Proposal (Original)	
X	Bid Guarantee (bid bond or guaranteed funds-certified/cashier's check)	_____
X	Surety Certificate (Consent of Surety)	_____
X	List of Designated Sub-Contractors	_____
X	Acknowledgement of Receipt of Addenda or Revisions (if any)	_____
X	Statement of Ownership	_____
X	Non-Collusion Affidavit	_____
____	Other	_____
		_____
	B. ITEMS PREFERRED WITH THE BID, BUT MANDATORY PRIOR TO AWARD OF CONTRACT	
X	Copy of Public Works Contractor Registration Act Certificate for the bidder and the designated subcontractors, effective on the date of bid, prior to award of contract	_____
X	Copy of New Jersey Business Registration Certificate for the bidder and any designated subcontractors - prior to award of contract	_____
X	EEO/Affirmative Action Compliance Notice Checklist	_____
X	References / List of previous and/or active relevant work (CQ&R-1)	_____
X	Contractor's Qualification Statement	_____
X	Iran Disclosure Form	

THE UNDERSIGNED BIDDER HEREWITH SUBMITS THE ABOVE REQUIRED DOCUMENTS:

PRINT OFFICIAL COMPANY NAME: _____

SIGNED BY: _____

PRINT NAME AND TITLE: _____

DATE: _____

THIS CHECKLIST SHOULD BE INITIALED AND SIGNED WHERE INDICATED AND RETURNED WITH ALL DOCUMENTS

INSTRUCTIONS TO BIDDERS—Continued

NON-COLLUSION AFFIDAVIT

STATE OF _____)
) SS:
COUNTY OF _____)

_____
(type or print affiant's name)

of full age, being first duly sworn according to law on my oath depose and say that I am a lawful representative of

_____
(type or print name of Bidder)

the Bidder making the Bid for the above cited project, and that I executed the said Bid 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 cited project, and that all statements contained in said Bid and in this affidavit are true and correct, and made with full knowledge that the Monmouth County Board of Recreation Commissioners relies upon the truth of the statements contained in said Bid 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 Contract upon an 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 the Bidder.

Sworn and Subscribed to before me this _____ *day*

of _____ 200_

/s/ _____

/s/ _____

_____
(Title)

NOTARY PUBLIC OF _____
(state)

My commission expires _____

MODEL CONSENT OF SURETY

The Consent of Surety that is to be submitted with the Bid must be prepared, signed and issued by the Bidder's bonding company or other authorized surety. Two sample wordings for the required Consent of Surety which are acceptable to the Owner appear below.

It is understood and agreed that ***(insert name of surety)*** will become surety on the bond of ***(insert name of Bidder)***, the principal, for the Contract for the ***(insert title of Bid)*** if the principal is the successful Bidder. If the Contract is awarded to the principal ***(insert name of surety)*** will issue a Performance Bond and a Labor and Material Payment Bond, each of which shall be for 100% of the amount of the awarded Contract, or a combined Performance and Labor Material Payment Bond in the amount of 200% of the awarded Contract Sum, and will issue a Maintenance Bond for 100% of the Final Contract amount, as amended during construction, upon substantial completion of the Work, all as more fully specified by the Bidding Documents.

It is understood and agreed that ***(insert name of surety)*** will become surety on the bond of ***(insert name of Bidder)***, the principal, for the Contract for the ***(insert title of Bid)*** if the principal is the successful Bidder. If the Contract is awarded to the principal ***(insert name of surety)*** will issue all bonds that are required by the Bidding Documents.

NOTE: A Surety Disclosure Statement and Certification may be required. See paragraph 16 of the Supplementary Instructions to Bidders.

CAUTION

REGARDING STATEMENT OF OWNERSHIP

The enclosed Statement of Ownership form must be properly completed. If it is not properly completed, your bid must be rejected, as required by N.J.S.A. 40A:11-23.2. **Mistakes cannot be cured after bids are received.**

For example, if your firm, bidder "A", is entirely owned by corporation "B", you must disclose the names and addresses of the owners of 10% or more of corporation "B". Furthermore, if corporation "C" owns 10% or more of corporation "B", you must disclose the names and addresses of the owners of 10% or more of corporation "C", and so on, until the names and addresses of all persons, i.e., human beings, in this "10%" chain of ownership have been disclosed.

The same procedure applies if any 10% or more owner is a partnership, limited liability company, estate or any other type of legal entity, as opposed to a corporation.

COMPANY NAME _____

STATEMENT OF OWNERSHIP

BIDDER is (check one): ☐ Corporation ☐ Partnership ☐ Joint Venture

The BIDDER, in accordance with P.L. 1977, Chapter 33, effective March 8, 1977, declares and submits that herein below are the names and legal addresses of all persons and entities who own 10% or more of the Bidder corporation, or, if applicable, persons and entities who have a 10% or greater interest in the Bidder partnership.

	NAMES:	ADDRESSES:
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____
7.	_____	_____
8.	_____	_____
9.	_____	_____
10.	_____	_____

NOTES:

A. Attach additional sheets if needed and check here ..... ☐.

B. If a corporation, partnership, or joint venture owns a 10% or greater interest in the BIDDER entity, attach a separate Statement of Ownership for each such corporation, partnership or joint venture. Repeat the process of disclosure as is necessary until the name and address of each person who owns a 10% or greater interest in the Bidder has been revealed.

FORM OF AGREEMENT

THIS AGREEMENT entered into this day of 200__:

BY AND BETWEEN THE MONMOUTH COUNTY BOARD OF RECREATION COMMISSIONERS, a body politic, with offices located at 805 Newman Springs Road, Lincroft, New Jersey 07738, hereinafter referred to as "Park System,"

AND [...**CONTRACTOR**...], a [...state...] [...corporation/partnership...], with offices at [...legal physical address...], hereinafter referred to as "Contractor."

IT IS AGREED:

1. Contractor will construct **...[Project caption** will be inserted here**]...** for the TOTAL SUM OF ...[**Contract Sum** will be inserted here in words and numerals]... DOLLARS, all in accordance with the notice to bidders, plans, specifications and proposal, resolution awarding contract, and other bid documents, all of which are incorporated herein and made a part hereof as if set forth in full.

2. Contractor will indemnify and save harmless the County of Monmouth, Board of Recreation Commissioners, its officers, servants and agents for and from all damages, claims, suits and costs, including counsel fees, to which they may be put by reason of (a) injury to persons or property due to the actual or alleged carelessness or negligence of the Contractor, its servants or agents, or (b) the Contractor's actual or alleged failure to pay its workers, suppliers or subcontractors for labor or materials provided to the Park System.

3. Contractor will not assign this contract in whole or part to another person or entity without the Park System's written consent. This paragraph is not intended to constrain the Contractor's ability to enter customary subcontracts for performing various portions of the Work at the site, and for furnishing equipment and materials to be incorporated in the Work, subject however to the Contractor's obligation to engage the designated subcontractors named in its proposal.

4. Should the Park System during the progress of work require any alterations, deviations, additions or omissions from said specifications at any time thereof, it shall be at liberty to do so and the same shall in no way be deemed to be a breach or void of this contract but the value of such work or material involved in such change shall be added to or deducted from the amount of the contract as the case may be at the rate herein specified or, if not herein specified, then by fair, just and reasonable valuation.

5. During the performance of this contract, the Contractor will comply with the requirements of P.L. 1975, C. 127 (N.J.A.C. 17:27), "Mandatory Affirmative Action Language for Construction Contracts" which is made a part of this Agreement (see Rider A to this Agreement).

6. The Contractor will comply with the New Jersey Prevailing Wage Act (N.J.S.A. 34:11-56.25 et seq) and the regulations issued thereunder (N.J.A.C. 12:60-1.4 et seq). The Contractor agrees to pay its workers no less than the prevailing wage rate as set forth in Rider B attached hereto. In the event it is

INSTRUCTIONS TO BIDDERS—Continued

found that any worker employed by the Contractor or any subcontractor covered by this Agreement has been paid a rate of wages less than required to be paid, the Park System may terminate the Contractor's or subcontractor's right to proceed with the work, or such part of the work as to which there has been a failure to pay required wages, and to prosecute the work to completion or otherwise. The Contractor and its sureties shall be liable to the Park System for any excess costs occasioned thereby. The Contractor and its subcontractors will post the prevailing wage rates in prominent and easily accessible places at the site of the work or at such place or places as are used then to pay workers their wages. The Contractor represents that it is not debarred from public works pursuant to N.J.S.A. 34:11-56.37; furthermore the Contractor agrees not to engage the services of any contractors or subcontractors for this project who are listed on the list of debarred contractors and subcontractors contained in Rider B. Before final payment is made to the Contractor, the Contractor and its subcontractors will file written certification as to any unpaid wages, pursuant to N.J.S.A. 34:11-56.33.

IN WITNESS WHEREOF, the parties have signed this agreement.

ATTEST:

MONMOUTH COUNTY BOARD OF RECREATION COMMISSIONERS

By: _____

JAMES J. TRUNCER
Secretary-Director

FRED J. RUMMEL
Chairman

ATTEST:

[CONTRACTOR]

(Corporate Seal)

_____
[Name and title of person attesting]

By: _____
[Name and title of person signing]

EQUAL OPPORTUNITY FOR INDIVIDUALS WITH DISABILITIES

EXHIBIT A

MANDATORY EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE
N.J.S.A. 10:5-31, et seq. (P.L. 1975, C. 127)
N.J.A.C. 17:27

CONSTRUCTION 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, up-grading, 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 or workers' representative of the contractor's commitments under this act 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.

INSTRUCTIONS TO BIDDERS—Continued

When hiring or scheduling workers in each construction trade, the contractor or subcontractor agrees to make good faith efforts to employ minority and women workers in each construction trade consistent with the targeted employment goal prescribed by **N.J.A.C. 17:27-7.2**; provided, however, that the Division may, in its discretion, exempt a contractor or subcontractor from compliance with the good faith procedures prescribed by the following provisions, A, B and C, as long as the Division is satisfied that the contractor or subcontractor is employing workers provided by a union which provides evidence, in accordance with standards prescribed by the Division, that its percentage of active "card carrying" members who are minority and women workers is equal to or greater than the targeted employment goal established in accordance with **N.J.A.C. 17:27-7.2**.

The contractor or subcontractor agrees that a good faith effort shall include compliance with the following procedures:

(A.) If the contractor or subcontractor has a referral agreement or arrangement with a union for a construction trade, the contractor or subcontractor shall, within three business days of the contract award, seek assurances from the union that it will cooperate with the contractor or subcontractor as it fulfills its affirmative action obligations under this contract and in accordance with the rules promulgated by the Treasurer pursuant to **N.J.S.A. 10:5-31 et. seq.**, as supplemented and amended from time to time and the Americans with Disabilities Act. If the contractor or subcontractor is unable to obtain said assurances from the construction trade union at least five business days prior to the commencement of construction work, the contractor or subcontractor agrees to afford equal employment opportunities minority and women workers directly, consistent with this chapter. If the contractor's or subcontractor's prior experience with a construction trade union, regardless of whether the union has provided said assurances, indicates a significant possibility that the trade union will not refer sufficient minority and women workers consistent with affording equal employment opportunities as specified in this chapter, the contractor or subcontractor agrees to be prepared to provide such opportunities to minority and women workers directly, consistent with this chapter, by complying with the hiring or scheduling procedures prescribed under (B) below; and the contractor or subcontractor further agrees to take said action immediately if it determines that the union is not referring minority and women workers consistent with the equal employment opportunity goals set forth in this chapter.

(B.) If good faith efforts to meet targeted employment goals have not or cannot be met for each construction trade by adhering to the procedures of (A) above, or if the contractor does not have a referral agreement or arrangement with a union for a construction trade, the contractor or subcontractor agrees to take the following actions:

(1.) To notify the public agency compliance officer, the Division, and minority and women referral organizations listed by the Division pursuant to **N.J.A.C. 17:27-5.3**, of its workforce needs, and request referral of minority and women workers;

(2.) To notify any minority and women workers who have been listed with it as awaiting available vacancies;

(3.) Prior to commencement of work, to request that the local construction trade union refer minority and women workers to fill job openings, provided the contractor or subcontractor has a referral agreement or arrangement with a union for the construction trade;

(4.) To leave standing requests for additional referral to minority and women workers with the local construction trade union, provided the contractor or subcontractor has a referral agreement or arrangement with a union for the construction trade, the State Training and Employment Service and other approved referral sources in the area;

(5.) If it is necessary to lay off some of the workers in a given trade on the construction site, layoffs shall be conducted in compliance with the equal employment opportunity and non-discrimination standards set forth in this regulation, as well as with applicable Federal and State court decisions;

(6.) To adhere to the following procedure when minority and women workers apply or are referred to the contractor or subcontractor:

(i.) The contactor or subcontractor shall interview the referred minority or women worker.

(ii.) If said individuals have never previously received any document or certification signifying a level of qualification lower than that required in order to perform the work of the construction trade, the contractor or subcontractor shall in good faith determine the qualifications of such individuals. The contractor or subcontractor shall hire or schedule those individuals who satisfy appropriate qualification standards in conformity with the equal employment opportunity and non-discrimination principles set forth in this chapter. However, a contractor or subcontractor shall determine that the individual at least possesses the requisite skills, and experience recognized by a union, apprentice program or a referral agency, provided the referral agency is acceptable to the Division. If necessary, the contractor or subcontractor shall hire or schedule minority and women workers who qualify as trainees pursuant to these rules. All of the requirements, however, are limited by the provisions of (C) below.

(iii.) The name of any interested women or minority individual shall be maintained on a waiting list, and shall be considered for employment as described in (i) above, whenever vacancies occur. At the request of the Division, the contractor or subcontractor shall provide evidence of its good faith efforts to employ women and minorities from the list to fill vacancies.

(iv.) If, for any reason, said contractor or subcontractor determines that a minority individual or a woman is not qualified or if the individual qualifies as an advanced trainee or apprentice, the contractor or subcontractor shall inform the individual in writing of the reasons for the determination, maintain a copy of the determination in its files, and send a copy to the public agency compliance officer and to the Division.

(7.) To keep a complete and accurate record of all requests made for the referral of workers in any trade covered by the contract, on forms made available by the Division and submitted promptly to the Division upon request.

(C.) The contractor or subcontractor agrees that nothing contained in (B) above shall preclude the contractor or subcontractor from complying with the union hiring hall or apprenticeship policies in any applicable collective bargaining agreement or union hiring hall arrangement, and, where required by custom or agreement, it shall send journeymen and trainees to the union for referral, or to the apprenticeship program for admission, pursuant to such agreement or arrangement. However, where the practices of a union or apprenticeship program will result in the exclusion of minorities and women or the failure to refer minorities and women consistent with the targeted county employment goal, the contractor or subcontractor shall consider for employment persons referred pursuant to (B) above without regard to such agreement or arrangement; provided further, however, that the contractor or subcontractor shall not be required to employ women and minority advanced trainees and trainees in numbers which result in the employment of advanced trainees and trainees as a percentage of the total workforce for the construction trade, which percentage significantly exceeds the apprentice to journey worker ratio specified in the applicable collective bargaining agreement, or in the absence of a collective bargaining agreement, exceeds the ratio established by practice in the area for said construction trade. Also, the contractor or subcontractor agrees that, in implementing the procedures of (B) above, it shall, where applicable, employ minority and women workers residing within the geographical jurisdiction of the union.

After notification of award, but prior to signing a construction contract, the contractor shall submit to the public agency compliance officer and the Division an initial project workforce report (Form AA 201) electronically provided to the public agency by the Division, through its website, for distribution to and completion by the contractor, in accordance with **N.J.A.C. 17:27-7**. The contractor also agrees to submit a copy of the Monthly Project Workforce Report once a month thereafter for the duration of this contract to the Division and to the public agency compliance officer.

The contractor agrees to cooperate with the public agency in the payment of budgeted funds, as is necessary, for on-the-job and/or off-the-job programs for outreach and training of minorities and women.

(D.) The contractor and its subcontractors shall furnish such reports or other documents to the Division of Public Contracts Equal Employment Opportunity Compliance as may be requested by the Division 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 Public Contracts Equal Employment Opportunity Compliance for conducting a compliance investigation pursuant to **Subchapter 10 of the Administrative Code (NJAC 17:27)**.

EEO/AFFIRMATIVE ACTION COMPLIANCE NOTICE
N.J.S.A. 10:5-31 and N.J.A.C. 17:27
GOODS, PROFESSIONAL SERVICE AND GENERAL SERVICE CONTRACTS

All successful bidders are required to submit evidence of appropriate affirmative action compliance to the County and Division of Public Contracts Equal Employment Opportunity Compliance. During a review, Division representatives will review the County files to determine whether the affirmative action evidence has been submitted by the vendor/contractor. Specifically, each vendor/contractor shall submit to the Commission, prior to execution of the contract, one of the following documents:

Goods and General Service Vendors

1. Letter of Federal Approval indicating that the vendor is under an existing Federally approved or sanctioned affirmative action program. A copy of the approval letter is to be provided by the vendor to the Commission and the Division. This approval letter is valid for one year from the date of issuance.

Do you have a federally-approved or sanctioned EEO/AA program? Yes ☐ No ☐
If yes, please submit a photostatic copy of such approval.

2. A Certificate of Employee Information Report (hereafter "Certificate"), issued in accordance with N.J.A.C. 17:27-1.1 et seq. The vendor must provide a copy of the Certificate to the Commission as evidence of its compliance with the regulations. The Certificate represents the review and approval of the vendor's Employee Information Report, Form AA-302 by the Division. The period of validity of the Certificate is indicated on its face. Certificates must be renewed prior to their expiration date in order to remain valid.

Do you have a State Certificate of Employee Information Report Approval? Yes ☐ No ☐
If yes, please submit a photostatic copy of such approval.

3. The successful vendor shall complete an Initial Employee Report, Form AA-302 and submit it to the Division with a $150.00 Fee and forward a copy of the Form to the Commission. Upon submission and review by the Division, this report shall constitute evidence of compliance with the regulations. Prior to execution of the contract, the EEO/AA evidence must be submitted.

The successful vendor may obtain the Affirmative Action Employee Information Report (AA302) on the Division website www.state.nj.us/treasury/contract_compliance.

The successful vendor(s) must submit the AA302 Report to the Division of Public Contracts Equal Employment Opportunity Compliance, with a copy to Public Agency.

The undersigned vendor certifies that he/she is aware of the commitment to comply with the requirements of N.J.S.A. 10:5-31 and N.J.A.C. 17:27 and agrees to furnish the required forms of evidence.

The undersigned vendor further understands that his/her bid shall be rejected as non-responsive if said contractor fails to comply with the requirements of N.J.S.A. 10:5-31 and N.J.A.C. 17:27.

COMPANY: _____ **SIGNATURE:** _____

PRINT NAME: _____ **TITLE:** _____

DATE: _____

PREVAILING WAGE RATE DETERMINATION

An electronic copy of the of the current Prevailing Wage Rate Determination and the list of debarred contractors can be found at http://www.monmouthcountyparks.com/page.aspx?ID=2824

A copy of the current Prevailing Wage Rate Determination and the list of debarred contractors will be incorporated in the Agreement and provided to the Contractor after award of contract.

INSTRUCTIONS TO BIDDERS—Continued

County of Monmouth, State of New Jersey
Division of Purchasing
DISCLOSURE OF ENERGY SECTOR INVESTMENT ACTIVITIES IN IRAN
New Jersey Public Law 2012, Chapter 25

Solicitation Number: _____ **Bidder / Respondent:** _____

Project Description: _____

PART 1 – CERTIFICATION – CHECK THE APPROPRIATE BOX:

A. ☐ I certify that neither the Bidder / Respondent nor any of the Bidder's / Respondent's parents, subsidiaries, or affiliates, as defined in C.52:32-56(e), is on the "Chapter 25 List" created and maintained by the New Jersey Department of the Treasury, as a person or entity engaging in the energy sector investment activities in Iran described in C.52:32-56(f). The Chapter 25 List may be found at http://www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf .

OR

B. ☐ The Bidder / Respondent and/or one or more of its parents, subsidiaries or affiliates is a person or entity on the Chapter 25 List referred to above. A detailed and precise description of the relevant activities of the listed Bidder / Respondent and/or listed parents, subsidiaries or affiliates is provided in Part 2 below.

PART 2 – ADDITIONAL INFORMATION – COMPLETE PART 2 ONLY IF B. IN PART 1 IS CHECKED:

The following is an accurate and precise description of the energy sector investment activities in Iran of the Bidder / Respondent and/or listed parents, subsidiaries or affiliates, on the Chapter 25 List (attach additional pages as necessary to make full disclosure):

Name of Person(s) or Entity(ies) on the Chapter 25 List: _____

Relationship to Bidder / Respondent: _____

Description of Activities: _____

_____

Duration of Engagement: _____ Anticipated Cessation Date: _____

Bidder / Respondent Contact Name: _____ Contact Phone Number: _____

☐ Check here if additional pages are attached and state number of attached pages: _____ (Number of pages attached.)

CERTIFICATION FOR PART 1 AND, IF APPLICABLE, PART 2: I, being of full age, hereby certify that the foregoing information and any attachments hereto are to the best of my knowledge true and complete. I certify that I am authorized to execute this certification on behalf of the Respondent. I acknowledge that the County of Monmouth will rely on the information contained herein and thereby acknowledge that I and the Bidder / Respondent are under a continuing obligation from the date of this certification through the completion of any contracts with the County to notify the County in writing of any changes to the answers or information contained herein.

I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me is willfully false, I am subject to punishment and the Bidder / Respondent is subject to the penalties stated in C. 52:32-59 and C. 40A:11-2.1.

Full Name (Print) _____ Signature: _____

Title: _____ Date: _____

GENERAL CONDITIONS OF THE CONTRACT

1. **OWNER:** The Owner is the County of Monmouth, Monmouth County Board of Recreation Commissioners. The County's representative after execution of the contract is the Monmouth County Park System (PHONE: 732-842-4000 FAX: 732-842-4162).

2. **CONTRACT DOCUMENTS:** The Contract Documents include the Bidding Documents, the Contractor's completed Bid Form, the executed Agreement, executed Change Orders and Construction Change Directives, and approved product submittals and shop drawings.

3. **GOVERNING LAW:** The Contract shall be governed by the Laws of the State of New Jersey.

4. **DESIGN PROFESSIONAL:** "Design Professional" is the Monmouth County Park System's consultant or employee who prepared the plans and specifications of the work to be performed under the Contract.

5. **INTENT:** The Contractor's execution of the Agreement is a representation that the Contractor has visited the site, become familiar with local conditions, and correlated personal observations with requirements of the Contract Documents. The intent of the Contract Documents is to include all items which are necessary for the Contractor to complete the work. The Contractor shall not be entitled to make any claims for recovery of costs which arise from the Contractor's failure to fully understand the intent and content of the Contract Documents.

6. **PERMITS, FEES AND NOTICES:** The Contractor shall obtain all municipal, county and state permits needed to perform the Work. The Park System will pay any permit application fees which are not required to be waived by the provisions of the State Uniform Construction Code Act (N.J.S.A. 52:27D–119 et seq.). The Park System will not pay for permits needed to deliver materials or equipment to the site. The Contractor shall fully and properly coordinate its work with all public utility companies and agencies which may be impacted by the Work. The Contractor shall be solely responsible for scheduling governmental agency inspections of the work, and to obtain all certificates of occupancy upon completion of the Work. The Contractor will notify the Owner's representative when such inspections are scheduled.

7. **SUPERVISION OF THE WORK:** The Contractor shall be solely responsible for supervising and coordinating the Work.

8. **USE OF SITE:** The Contractor shall confine its activities at the site to areas permitted by the Contract Documents, and public law, ordinances and regulations. The Contractor shall not unreasonably encumber the site with its equipment and materials, and shall maintain orderly and safe traffic conditions on any public thoroughfare impacted by the Work.. Utility shutdowns which will impact the Park System's operations must be scheduled and approved beforehand by the Park System.

9. **CUTTING AND PATCHING:** The Contractor shall be responsible for cutting, fitting and patching needed to complete the Work or to make its parts fit together.

10. **CLEANING UP:** The Contractor shall keep the site and surrounding areas free from inordinate accumulations of waste materials and rubbish caused by its operations. At completion of the Work the Contractor shall remove from the site and surrounding areas the Contractor's tools, equipment and machinery, and all rubbish, waste, and surplus materials.

11. **ACCESS TO THE WORK:** The Contractor shall not in any way hinder the Park System's and its Design Professional's access to the Work in progress.

12. **CONTRACTOR'S INDEMNIFICATION:** The Contractor shall indemnify and save harmless the County, its officers, servants and agents

from all damages, claims, suits and costs, including counsel fees, to which they may be put by reason of **(a)** injury to persons or property due to the actual or alleged carelessness or negligence of the Contractor, its servants or agents, or **(b)** the Contractor's actual or alleged failure to pay its workers, suppliers or subcontractors for labor or materials provided to the Park System.

13. **INSURANCE:** The Contractor shall maintain the following insurance coverage, and provide the Park System a Certificate (ACORD©) of same, naming the Board of Recreation Commissioners as the Certificate holder, within 21 business days of the Contractor's receipt of notice that it has been awarded the Contract.

A. **Worker's Compensation and Employer's Liability**—covering all of the contractor's employees engaged in the performance of the contract in accordance with the requirements of the laws of the State of New Jersey, including voluntary compensation/all States endorsement.

B. **General Liability:** Bodily injury and property damage, including coverage for: premises / operations; products / completed operations; broad form property damage; independent contractors; blanket contractual and, if applicable, explosion, collapse and underground (XCU). Limits of not less than $1,000,000 for both bodily injury and property damage are required. A combined single limit of $1,000,000 is acceptable. The Contractor shall maintain completed operations insurance for at least two years after final payment.

C. **Comprehensive Automobile Liability:** Bodily injury and property damage with limits of not less than $1,000,000 per person or occurrence. A combined single limit of $1,000,000 is acceptable. Coverage must include hired and non-owned vehicles. A MCS-90 certificate shall be filed with the State if hazardous materials or waste will be transported during the performance of the work.

D. **Builder's Risk Completed Value Form "All Risk":** The owner shall obtain and maintain Coverage for the entire Work at the site to the full insurable value thereof.

E. **County Additional Insured:** The County of Monmouth, Monmouth County Board of Recreation Commissioners, and their respective officers, servants and agents must be named as additional insureds on all policies except the Worker's Compensation policy.

F. **Subcontractors:** The Contractor's subcontracts shall impose and require its subcontractors to purchase and maintain insurance coverages identical to those set forth above.

14. **ADMINISTRATION OF THE CONTRACT:** The Park System will provide overall administration of the Contract. The Design Professional will provide day-to-day administration of the Contract, and will be the Park System's representative during construction. The Design Professional will:

A. Not be responsible for construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Work.

B. Have the authority to reject Work which does not conform to the Contract Documents.

C. Review and take appropriate action on the Contractor's submittals (shop drawings, product data, samples, etc.).

D. Prepare Construction Change Directive and Change Order documents which, from time to time, may be needed in the course of the Contractor's performance of the Work.

E. Conduct inspections of the Work to assure its compliance with the Contract Documents, to evaluate the Contractor's payment applications,

and to determine the date of Substantial Completion of the Work.

F. Receive from the Contractor all required written warranties and related documents pertaining to the various elements of the Work.

G. Interpret and decide matters concerning performance and requirements of the Contract Documents.

15. **ALTERNATE DISPUTE RESOLUTION (NON-BINDING MEDIATION):** If a dispute between the Park System and the Contractor arises during the course of the contract, the parties will participate, in good faith, in non-binding mediation..

A. Mediation is intended to be an informal process for resolving disputes between the Contractor and Owner. Both parties shall act in good faith and exercise their best efforts to achieve a reasonable settlement of disputes.

B. Either party may demand such mediation by written notice to the other party. The written notice shall contain at least: (a) A brief statement of the nature of the dispute, and (b) the name, address and phone number of that party's designated representative for the purposes of mediation.

C. The other party shall designate its representative for mediation in writing no later than five business days after receipt of the demand for mediation.

D. The respective designees shall thereupon, and promptly, with due regard for the need for timely action, choose a mediator. If the parties cannot agree on a mediator, or if they prefer, they shall choose a reputable mediation firm. Any mediation firm so chosen shall present to the parties a list of at least five proposed mediators, along with a summary of each person's qualifications to serve as the mediator.

E. Each party shall rank the proposed mediators in order of preference. The fifth ranked person on each party's shall be excluded from further consideration. Each party shall assign a score of "4" to their first choice, "3" to their second choice, "2" to their third choice, and "1" to their remaining fourth choice. The parties scores for each person shall then be added together. The person with the highest combined score shall be the chosen mediator. In the event of a tie, the mediator shall by chosen by lot.

F. The parties will not be bound by the Rules of Evidence in presenting their positions before the mediator.

G. The mediation shall be conducted in such reasonable and efficient manner as may be agreed between the parties and the mediator or, lacking such agreement, as may be determined by the mediator.

H. Each party will bear its own costs of participation in mediation, and they will each pay one-half the costs of the mediator.

I. If, after a good faith effort to resolve the dispute through mediation, the dispute is not resolved, either party may terminate the mediation by written notice to the mediator and the other party. In that event, either party may submit the dispute to the Superior Court of New Jersey, Monmouth County, for adjudication, which Court shall have exclusive original jurisdiction of the dispute.

16. **CONTINUING CONTRACT PERFORMANCE:** Pending resolution of a claim or dispute the Contractor shall proceed diligently with performance of the Contract, and the Park System shall continue to make payments in accordance with the Contract Documents, unless otherwise agreed to in writing by the parties.

17. **CONSTRUCTION BY PARK SYSTEM OR BY SEPARATE CONTRACTORS:** The Park System reserves the right to perform construction or operations related to the Project with its own

forces, and to award separate contracts in connection with other portions of the Project.

18. **CHANGES IN THE WORK:** Changes in the Work may be accomplished after execution of the Contract, without invalidating the Contract, by Change Order, Construction Change Directive or order for minor changes in the Work.

A. **Construction Change Directive** (AIA Form G714)**:** A Construction Change Directive (CDD) is a written order prepared by the Design Professional to direct a change in the Work which states a reasonable basis for adjustment of the Contract Sum and/or Contract Time. A CCD shall not be binding upon any of the parties unless and until it is signed by the Park System's designated representative. The Contractor shall proceed with the changed Work upon receipt of a CCD which has been signed by the Park System's designated representative. The Contractor shall not bill the Park System for CCD Work until the CCD is incorporated in an approved Change Order.

B. **Change Order** (AIA Form G701): A Change Order (CO), after signature by the Design Professional and the Contractor, and approved by the Monmouth County Board of Recreation Commissioners, is an amendment to the Contract which adjusts the Contract Sum and/or Contract Time to reflect additions to or deletions from the Work. A CO may incorporate one or more previously executed CCDs. CO costs (add and deduct) shall be properly substantiated by appropriate back-up documents which reveal all details of the transaction. A 10% markup (or markdown) of the Contractor's net direct costs, representing its combined overhead and profit, will be allowed for changes in the Work. Subcontractors' markups shall be likewise limited to 10% of their direct costs. Contract Time will not be extended beyond the date of Substantial Completion of the Work.

C. **Minor Change:** The Design Professional may, in writing, order minor changes in the Work which do not involve adjustment of the Contract Sum or Contract Time, and which are consistent with the intent of the Contract Documents.

19. **CONTRACT TIME:** Contract Time is the number of calendar days allotted in the Contract Documents for the Contractor to achieve Substantial Completion of the Work. Contract Time commences from the day next following the Contractor's receipt from the Park System's of its Notice To Proceed. Contract Time is of the essence of the Contract. The Contractor shall proceed expeditiously with adequate forces and exercise due diligence to achieve Substantial Completion within the Contract Time. The date of Substantial Completion shall be certified by the Design Professional.

20. **LIQUIDATED DAMAGES:** Liquidated Damages (not a penalty) shall be assessed at the rate of $250/day for contracts in the maximum amount of $500,000 and $500/day for contracts in excess of $500,000 for each and every calendar day that completion of the work overruns the CONTRACT TIME unless stated otherwise in the proposal page.

21. **CONSTRUCTION SCHEDULE:** The Contractor, promptly after being awarded the contract shall prepare and submit a construction schedule for the work. The schedule shall not exceed time limits current under the contract documents and shall be revised at appropriate intervals as required.

22. **SUBSTANTIAL COMPLETION:** Substantial Completion is the stage in the progress of the Contractor's performance of the Contract when the Work or a designated portion thereof is sufficiently complete that the Park System can occupy or use the Work for its intended purpose.

23. **CONTRACT SUM AND PAYMENTS:** The Contract Sum is stated in the Agreement

between the Park System and the Contractor and, including approved adjustments, is the total amount payable by the Park System to the Contractor. The Contractor's application(s) for payment (using AIA Form G702 and G703 if required by the County) shall be submitted to the Design Professional for review and recommendation to the Park System.

A. The Contractor, by applying for payment, warrants that title to all Work covered by an application for payment will pass to the Park System no later than the time of payment.

B. Payment applications shall not include amounts for Work authorized by a CCD but not yet included in an approved Change Order.

C. Payment applications shall not include amounts the Contractor does not intend to pay a subcontractor or supplier because of dispute or other reason.

24. **PROMPT PAYMENT:** When the contractor has performed in accordance with the provisions of the contract, and the invoice (bill) including a properly prepared, dated and signed voucher for the work has been approved and certified by the Monmouth County Board of Recreation Commissioners and the Monmouth County Board of Chosen Freeholders, the board shall pay the amount due to the contractor for each payment not more than 30 days after the date received. The invoice shall be deemed approved and certified 20 days after the board receives it unless the board, before the 20 day period, informs the contractor in a written statement of the amount withheld and the amount to be paid, the reason for withholding the payment and how the deficiency can be cured.

Approved invoices (bills) with a properly prepared, dated and signed voucher will be approved for payment by the Board of Recreation Commissioners at the first public meeting after the 20th day. After the board approves payment of invoices (bills) with properly prepared, dated and signed voucher, invoices will be forwarded to the Board of Chosen Freeholders for their approval. All payments will be released in accordance with the attached payment schedule and will be mailed unless other arrangements have been made with our Accounts Payable Department.

In the event that Alternate Dispute Resolution is needed, mediation is the method that shall be used.

25. **PAYMENTS TO DESIGNATED SUBCONTRACTORS:** If, in accordance with N.J.S.A. 40A:11-16, the Bid Form requires the naming of particular subcontractors and their sub-bid amounts, the Park System's payments for Work completed by a Designated Subcontractor shall be by a two-party check payable to *Designated Subcontractor* and *Contractor*.

26. **RETAINAGE:** The Park System's payments to the Contractor (and Designated Subcontractors) shall be for not more than 98% of the value of the completed Work (i.e., the Park System's *retainage* shall be 2%).

27. **FINAL COMPLETION:** Final Completion is achieved when the Contract is fully performed in accordance with the Contract Documents. This includes completion of punch list and submission of all closeout documents.

28. **FINAL PAYMENT:** Retainage held by the Park System shall not become due and payable until the Contractor provides the Park System's designated representative the following close-out documents in their complete and proper form:

A. **Contractor's Affidavit of Payment of Debts and Claims** (AIA Form G706).

B. **Contractor's Affidavit of Release of Liens** (AIA Form G706A).

C. **Consent of Surety to Final Payment** (AIA Form G707).

D. **Maintenance Bond** (if required by the Notice to Bidders; see Instructions To Bidders).

E. **Other** guarantees, warranties, as-built drawings, O&M manuals, other items as required by the specifications.

29. **ACCEPTANCE OF FINAL PAYMENT:** Acceptance of Final Payment by the Contractor, subcontractor or material supplier shall constitute waiver of claims by that payee.

30. **SAFETY PRECAUTIONS AND PROGRAMS:** The Contractor shall be solely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the performance of the Contract. The Contractor shall give notices and comply with all applicable laws, ordinances, rules, regulations and lawful orders of public authorities bearing on safety of persons or property, and their protection from damage, injury or loss.

31. **SUCCESSORS AND ASSIGNS:** The Park System and the Contractor respectively bind themselves, their partners, successor, assigns and legal representatives to the other party in respect to covenants, agreements and obligations contained in the Contract Documents.

32. **RIGHTS AND REMEDIES:** Duties and obligations imposed by the Contract Documents, and rights and remedies thereunder, shall be in addition to and not a limitation of duties, obligations, rights and remedies otherwise imposed or available by law.

33. **TERMINATION BY CONTRACTOR:** Upon providing a 10–day written notice of intent to the Park System and the Design Professional, the Contractor may terminate the Contract if the Work is stopped for a 60–day period through no act or fault of the Contractor, subcontractor, or their agents, employees, or other persons performing portions of the Work under the Contract. If the Park System fails to remedy the matter within the said 10–day notice period the Contractor will be entitled to recover from the Park System payment for completed Work, and proven loss with respect to materials, equipment, tools and machinery, including reasonable overhead and profit.

34. **TERMINATION BY PARK SYSTEM FOR CAUSE:** Upon providing a 10–day written notice of intent to the Contractor, the Park System may terminate the Contract if the Contractor **(a)** has repeatedly failed to properly man the Work or supply proper materials; **(b)** failed to make payments to subcontractors or material suppliers; **(c)** persistently disregarded laws, ordinances, rules, regulations, or orders of a public authority having jurisdiction; or **(d)** is otherwise guilty of substantially breaching the provisions of the Contract Documents. In that event, the Park System, without prejudice to any other rights or remedies, and subject to any prior rights of the surety, may take possession of the site and all materials, tools, equipment and machinery thereon owned or leased by the Contract, and finish the Work by whatever reasonable method the Park System may deem expedient. When the Park System terminates the Contract for cause:

A. The Contractor shall not be entitled to receive any further payment until the Work is completed.

B. If the cost of completing the Work, including compensation to the Design Professional for services and expenses attendant to termination of the Contract, exceeds the unpaid balance of the Contract Sum, the Contractor shall pay the difference to the Park System.

C. If the unpaid balance of the Contract Sum exceeds the costs of completing the Work, including compensation to the Design Professional for services and expenses attendant to termination of the Contract, such excess shall be paid by the Park System to the Contractor.

35. **Suspension For County's Convenience:** The Park System, without cause, may suspend, delay or interrupt the Contractor's Work in whole or part for such period of time as the Park System may determine. In that event, the Park System will compensate the Contractor for actual increased costs incurred in performing the Contract, including reasonable overhead and profit, arising from the suspension, delay or interruption of the Work. The Contractor will not be entitled to additional compensation if its performance of the Contract is, was, or would have been so suspended, delayed or interrupted by another cause for which the Contractor is responsible.

36. **Electrical & Mechanical Equipment:** The following provisions apply to all electrical and mechanical equipment incorporated in the Work, but are not intended to supersede the warranty, guarantee, maintenance or training requirements of the technical specifications for the Work where the latter are greater, or more comprehensive, particular or stringent.

A. **Warranties:** The Contractor shall provide special warranties, signed by the Contractor, installers and manufacturers, whereby they individually and collectively agree to replace, repair, or restore defective materials or workmanship during the 12–month period following the date of Substantial Completion of the overall Contract.

B. **Extended Warranties:** If a manufacturer offers warranties which extend beyond the warranty requirements of the Contract Documents, the Contractor shall offer a proposed extended warranty agreement to the Park System for its consideration. The proposed agreement shall be delivered to the Park System as soon as possible after execution of the Contract Agreement, but not later than the time limit established by the manufacturer. If the Park System elects to accept an extended warranty agreement it will enter into and pay for the extended agreement directly with the manufacturer.

C. **Maintenance:** The Contractor shall provide skilled competent workers who are authorized by the manufacturer to maintain and service the equipment during the 12–month warranty period, including required warranty maintenance and all other routine maintenance, repairs, cleaning and testing which normally should be performed by a prudent owner.

D. **Training:** Prior to the date of Substantial Completion of the Work, the Contractor shall arrange for the manufacturer's representatives to provide appropriate in–service training of Park System personnel in the operation and maintenance of the equipment.

37. **Proposed Substitutions:** The Contractor warrants that the awarded Contract Sum includes the cost and use of all products, equipment and materials which are specified by the Contract Documents. However, at any reasonable time after award of the Contract, the Contractor may propose the use of material, product or equipment substitutions, subject to the following:

A. The Contractor's substitution proposal must be in writing to the Design Professional and the County, and shall provide feature–by–feature comparisons between the specified and substitute items, and be accompanied by pertinent manufacturer's literature for each. The Contractor's substitution proposal must also provide a factual in–place cost comparison of the specified and substitute items.

B. The Park System retains the sole right to accept or reject the Contractor's proposed substitutions. The Park System's acceptance of a proposed substitution will not be unreasonably withheld.

C. A substitutions which is accepted by the Park System will constitute a change in the

Work which must be implemented by a Construction Change Directive and Change Order. The executed Change Order shall include an appropriate dollar credit to the Park System as reimbursement of the cost of additional services of the Design Professional or others for evaluating, inspecting and testing the substitute item.

38. **DIRECTED SUBSTITUTIONS:** If the Contractor, through no fault of its own, is unable to provide any of the specified materials, products or equipment in a timely manner, the Park System and the Design Professional may direct the use of substitutions. In that event, the Contract Sum will be adjusted by an appropriate Change Order to incorporate reasonable increased (or decreased) costs to the Contractor which arise from the directed substitution.

SPECIFICATIONS FOR FURNISHING AND DELIVERING *HEATING AND AIR CONDITIONING MAINTENANCE, REPAIR PARTS, SERVICE AND INSTALLATIONS* TO THE MONMOUTH COUNTY BOARD OF RECREATION COMMISSIONERS, LINCROFT, NEW JERSEY, 07738

SCOPE:

The purpose of this contract shall be to make available to the Monmouth County Park System an authorized source for ***HEATING AND AIR CONDITIONING MAINTENANCE, REPAIR PARTS, SERVICE AND INSTALLATIONS***, as specified herein.

PROPOSAL:

The attached proposal must be submitted in order for bidders to be considered. Contractors currently supplying the Park System must reapply on the proposal page. The Purchasing Committee reserves the right to accept or reject any or all bids, and to award the contract in the best interest of the Park System.

INSURANCE FOR GOODS AND SERVICES:

The Contractor shall maintain the following insurance coverage, and provide the Park System a Certificate (ACORD©) of same, naming the Monmouth County Park System as the Certificate holder.

A **Worker's Compensation and Employer's Liability**—covering all of the contractor's employees engaged in the performance of the contract in accordance with the requirements of the laws of the State of New Jersey, including voluntary compensation/all States endorsement.

B **General Liability:** Bodily injury and property damage, including coverage for: premises / operations; products / completed operations; broad form property damage; independent contractors; blanket contractual and, if applicable, explosion, collapse and underground (XCU). Limits of not less than $1,000,000 for both bodily injury and property damage are required. A combined single limit of $1,000,000 is acceptable. The Contractor shall maintain completed operations insurance for at least two years after final payment.

C **Comprehensive Automobile Liability:** Bodily injury and property damage with limits of not less than $1,000,000 per person or occurrence. A combined single limit of $1,000,000 is acceptable. Coverage must include hired and non-owned vehicles. A MCS-90 certificate shall be filed with the State if hazardous materials or waste will be transported during the performance of the work.

D **County Additional Insured:** The County of Monmouth, Monmouth County Board of Recreation Commissioners, and their respective officers, servants and agents must be named as additional insured on all policies except the Worker's Compensation policy.

INSURANCE FOR CONSTRUCTION:

The Contractor shall maintain the following insurance coverage, and provide the Park System a Certificate (ACORD©) of same, naming the Monmouth County Park System as the Certificate holder.

A **Worker's Compensation and Employer's Liability**—covering all of the contractor's employees engaged in the performance of the contract in accordance with the

requirements of the laws of the State of New Jersey, including voluntary compensation/all States endorsement.

B **General Liability:** Bodily injury and property damage, including coverage for: premises / operations; products / completed operations; broad form property damage; independent contractors; blanket contractual and, if applicable, explosion, collapse and underground (XCU). Limits of not less than $1,000,000 for both bodily injury and property damage are required. A combined single limit of $1,000,000 is acceptable. The Contractor shall maintain completed operations insurance for at least two years after final payment.

C **Comprehensive Automobile Liability:** Bodily injury and property damage with limits of not less than $1,000,000 per person or occurrence. A combined single limit of $1,000,000 is acceptable. Coverage must include hired and non-owned vehicles. A MCS-90 certificate shall be filed with the State if hazardous materials or waste will be transported during the performance of the work.

D **Builder's Risk Completed Value Form "All Risk":** The owner shall obtain and maintain Coverage for the entire Work at the site to the full insurable value thereof.

E **Subcontractors:** The Contractor's subcontracts shall impose and require its subcontractors to purchase and maintain insurance coverages identical to those set forth above.

F **County Additional Insured:** The County of Monmouth, Monmouth County Board of Recreation Commissioners, and their respective officers, servants and agents must be named as additional insured on all policies except the Worker's Compensation policy.

NEW JERSEY BUSINESS REGISTRATION REQUIREMENTS FOR CONSTRUCTION:

All New Jersey and out of state business organizations must obtain a Business Registration Certificate (BRC) from the Department of Treasury, Division of Revenue, prior to conducting business in the State of New Jersey. Proof of valid business registration with the Division of Revenue, Department of Treasury, State of New Jersey, must be submitted for the bidder and any designated subcontractors (N.J.S.A. 40A:11-16, including plumbing, HVAC, electrical and structural steel). No contract will be awarded without proof of business registration with the Division of Revenue. The contract will contain provisions in compliance with N.J.S.A. 52:32-44, as amended, outlined below.

The contractor shall provide written notice to its subcontractors and suppliers of the responsibility to submit proof of business registration to the contractor. The requirement of proof of business registration extends down through all levels (tiers) of the project.

Before final payment of the contract is made by the contracting agency, the contractor shall submit an accurate list and proof of business registration of each subcontractor or supplier used in the fulfillment of the contract, or shall attest that no subcontractors were used.

For the term of the contract, the contractor and each of its affiliates and each subcontractor and each of its affiliates (N.J.S.A. 52:32-44 (g) (3)) shall collect and remit to the Director, New Jersey Division of Taxation, the use tax due pursuant to the "Sales and Use Tax Act" (N.J.S.A. 54:32 B-1, et seq.) on all sales of tangible personal property delivered into this state.

A business organization that fails to provide a copy of a registration as required pursuant to section 1 of P.L. 2001, c.134 (N.J.S.A. 52:32-44 et seq.) or subsection e. or f. of section 92 of P.L. 1977, c.110 (N.J.S.A.5:12-92), or that provides false business registration information under the requirements of either of those sections, shall be liable for a penalty of $25.00 for each day of violation, not to exceed $50,000.00 for each business registration copy not properly provided under a contract with a contracting agency.

Sample Business Registration Certificates are attached. Other forms, such as a Certificate of Authority to collect Sales and Use Taxes or a Certificate of Employee Information Report Approval, are **not** proof of Business Registration.

Any questions in this regard can be directed to the Division of Revenue at (609) 292-9292. Form NJ-REG can be filed online at:

http://www.state.nj.us/treasury/revenue/gettingregistered.shtml

CONTRACTOR QUALIFICATIONS:

The contractor shall have been operating an HVAC contracting business for a minimum of five (5) consecutive years. Verification must be provided with bid package.

All technicians servicing this contract must individually have the following qualifications:

1. Successfully completed a national and state recognized and approved HVAC training and testing program. Failure to provide documentation will result in rejection of bid.
2. Proficiency in combustion-efficiency testing and ability to calculate steady-state heating efficiency as defined in N.J.A.C. 14A:3-3.1.
3. Minimum of five (5) years working experience servicing commercial air management systems.
4. Certified to handle refrigerant:
    a. Technicians must have completed a training course on refrigerant handling and environmental awareness. EPA certifications must be included with the bid documentation. Failure to provide documentation will result in rejection of bid.
    b. Technicians must have completed training course on the proper handling of refrigerant R410A. Contractor shall provide copies of certificates with bid proposal. Failure to provide documentation will result in rejection of bid.
5. Completed an occupational safety and health (OSHA) training course or approved hazard communication training. Contractor shall provide copies of certificates with the bid proposal. Failure to provide certifications will result in rejection of bid.
6. Shall be S.T.A.R.-certified. Contractor shall provide copies of mastery certifications with bid proposal. Failure to provide certifications will result in rejection of bid.
7. This contract includes two geothermal systems, one at Charleston Springs Golf Center and one at Manasquan Environmental Center. The contractor shall provide with the bid proposal three (3) references and contact information for

each technician who will be servicing these two (2) facilities. References shall be for geothermal facilities with heat pumps and console heat pumps that the technician(s) has worked on during the past five (5) years. Failure to provide documentation will result in rejection of bid.

8. This contract includes one (1) air-cooled chiller, Trane chiller model #CGAFC50EAMA10000E0000000000W09 at Fort Monmouth Recreation Center. Work on this equipment shall be performed by manufacturer-authorized technicians. The contractor shall provide copies of certifications for all technicians working on this equipment. Failure to provide documentation will result in rejection of bid.

9. This contract includes one (1) water-cooled chiller, York model # YCWL0064SE17XAASDTX at Thompson Park Visitor Center. Work on this equipment shall be performed by manufacturer-authorized technicians. The contractor shall provide copies of certifications for all technicians working on this equipment. Failure to provide documentation will result in rejection of bid.
10. Automated building controls are located at the following facilities:
    a. Charleston Springs Golf Center – Honeywell W7750C
    b. Fort Monmouth Recreation Center – Tridium Controls
    c. Thompson Park Visitor Center – Johnson Controls

    Technicians working at these facilities shall have basic knowledge to navigate the controls. Prior to award of bid, the Park System may request that technicians who will work at these facilities demonstrate their ability to navigate the controls for troubleshooting, diagnosing, testing, and calibrating the HVAC system.
11. The bidder may, with written approval of the Park System, sub-contract specialty services they are not able to provide, such as work with software, proprietary equipment, etc. Proposals for sub-contracted work must be submitted in writing and approved in writing.
12. The contractor shall maintain an adequate stock of repair parts on board the company's service vehicles in order to complete normal service without additional parts runs. Such parts for normal service include, but are not limited to, filters, nozzles, controls, switches, relays, transformers, and tools.

SERVICE:

Labor rates shall be furnished for both normal workdays and emergency service on evenings, weekends, and holidays. For the purpose of this contract, minimum ***normal business hours*** for the Park System are 8:00 a.m. to 5:00 p.m., Monday through Friday. All hours exclusive of these times are considered emergency hours. For the purpose of this contract, ***holidays*** are Memorial Day, 4th of July, Labor Day, Thanksgiving, Christmas, and New Year's Day.

Annual cleaning/start-up and service cost shall be quoted on a per visit basis, and shall include all parts and services described in these specifications. No additional charges or surcharges shall be assessed for duct work or work in ceiling spaces. The Park System shall not be charged for return parts trips, if said parts are considered normal service items. The Park System shall not be charged separately for any travel time for

maintenance and service of heating and air conditioning systems. The Park System shall pay the contractor only for the time spent working at the job site.

Whenever a technician takes a heating or air conditioning unit out of service ("red tags" the unit) during annual cleaning/start-up or during a service call because he has determined that the unit is not working and is beyond repair, the Park System must be notified immediately by calling the Superintendent of Park's office, 732-842-4000, ext. 4220, or by faxing Park System Headquarters, 732-842-4162, or emailing, so that the Park System can make provisions to replace the unit.

Any work requiring permits shall be the contractor's responsibility.

At the specific request of the Park System, the contractor shall provide consultation services to the Park System for the purpose of developing specifications for the repair and replacement of existing systems and installation of new systems. The rate for these services shall be billed as Consultation Services under Item #12 on the proposal page.

NOTIFICATION:

The contractor shall notify the park manager three (3) working days in advance of each scheduled preventative maintenance service call.

Prior to beginning any work, the contractor's technician(s) shall report to the park manager and describe the nature and type of work that is to be performed. When work is completed, the technician(s) shall report to the park manager the work that was done.

REPLACEMENT OF UNITS & NEW INSTALLATIONS:

Emergency replacement of heating and air conditioning units is included as part of this contract. The Park System reserves the right to bid separately for off-season and scheduled replacements of heating and air conditioning equipment.

PERIOD OF CONTRACT:

The contract period shall be **from January 1, 2016 - December 31, 2016**. Should the contractor dispose of his business during the contract period, all obligations shall pass to the new owner, who shall be required to submit a proposal in accordance with the requirements of the contract.

This contract shall not bind, nor purport to bind, the Park System for any contractual commitment in excess of the original contract period. The Park System shall have the right, at its sole option, to extend the contract for one (1) additional one (1) year period (2017). In the event the Park System exercises such right, all terms, conditions, and provisions of the contract shall remain the shall and apply during the renewal period.

METHOD OF AWARD:

The contract shall be awarded to the bidder offering the lowest Total Lump Sum Bid on the proposal page. This amount is the average of Items #1 - #24. To arrive at this amount, the bidder must add up all Items – including Item #11 (percentage discount on all heating and air conditioning parts used to repair listed units, to be calculated as 30% of the contract) – and divide by 24.

Item #11 shall be calculated in the manner of the following example:

If the contract is $150,000.00, 30% is $45,000.00:

$150,000.00
x_____.30
$45,000.00

If the bidder offers a 10% discount on parts, that amount is 4,500.00:

$45,000.00
x_____.10
$4,500.00

This represents an estimated cost for parts of $40,500.00:

$45,000.00 (30% of $150,000.00 contract)
- $4,500.00 (10% discount on parts)
$40,500.00 (entered on p. 19, Item #11, "Estimated cost of parts")

Bidder must bid on both heating and air conditioning portions of this proposal.

ESTIMATED AMOUNT OF CONTRACT:

$150,000.00. The Park System will only pay for services provided.

HEATING

DESCRIPTION OF WORK

ANNUAL START-UP AND CLEANING SERVICE:

Shall be performed annually on approximately 100 units ***before the start of the heating season***. After completion of work, the contractor shall provide a completed Preventative Maintenance Inspection Checklist for each of the units or per facility, whichever is applicable. The checklist shall include all preventative maintenance items. A list of units and locations is attached.

The contractor shall be notified as to which units shall be cleaned and started up, and which units have been removed from service and therefore shall not be cleaned.

Preventive maintenance work shall not begin until prior authorization has been given by the Superintendent of Parks, 732-842-4000, ext. 4220.

Cleaning and start up of all units shall be completed by September 30.

OIL:

Bid price shall be per single cleaning and service per unit, and shall include the following:

1. Check and clean head assembly, oil strainers or filters, burner fan and motor, ignition system, all burner controls. Replace oil filter element, oil pump gasket, and nozzles. Replace air filters with standard capacity pleated filters on forced air systems.
2. Vacuum boiler or furnace, flue pipe, and chimney base.

3. Lubricate burner motor, blower bearing and motor (warm air systems), and circulator motor bearing (hot water systems).
4. Adjust fire to proper combustion, adjust oil burner controls.
5. Check efficiency rating of each unit by the following procedure:
    A. Start each unit and allow to warm up to normal operating condition.
    B. Adjust smoke trace in flue to between 0 and 1, if possible.
    C. Check stack temperature at flue.
    D. Check draft over fire and at flue.
    E. Check carbon dioxide reading at flue.
    F. Use above readings to calculate burner efficiency and post results conspicuously on furnace.
6. Information and results to be supplied to owner on service receipt. Each furnace to be tagged and dated at time of service.
7. Check for water in fuel oil tank and remove if found.

NATURAL GAS/PROPANE:
Bid price shall be per single cleaning and service per unit, and shall include the following:

1. Vacuum furnace.
2. Check chimney base.
3. Replace air filters with standard capacity pleated filters.
4. Inspect heat exchanger for cracks. Clean the heat exchanger both internally and externally.
5. Inspect fan belts/motor pulleys for wear, tension, and adjust and align as needed.
6. Thermostatically start unit and check operation.
7. Drain expansion tank on boilers.
8. Check relief valve on boilers.
9. Check chimney draft.
10. Check and record carbon monoxide and carbon dioxide readings at unit and post conspicuously on furnace.
11. Check the pilot burner and main burner for proper combustion, and remove scale, dust, and lint accumulation.
12. Clean all dirt and grease from the primary and secondary combustion air openings.
13. Lube fan motor, blower bearings as needed.

ELECTRIC:
Bid price shall be per single cleaning and service per unit for electric furnace and heat pump, and shall include the following:

1. Replace air filters with standard capacity pleated filters.
2. Lubricate all motors and controls associated with or essential to system operation.
3. Check operation of unit by thermostat.
4. Clean inside and outside condenser coils and other parts of the condenser air circuit.
5. Inspect belts/motor pulleys for wear & tear, tension, adjust and align as needed.
6. Check system charge and reversing valve.
7. Clean and flush condensate drain pan and pipes and adjust line path if needed to ensure proper drainage to discharge point

GLYCOL WATER FOR GEOTHERMAL SYSTEMS:

Bid price shall be per collection of the glycol water as part of the annual start-up service and mail for lab testing:

1. Collect 4 oz. bottles of glycol water. The Park System will provide the Intercool Analysis Request Form. Samples must be mailed for lab testing to:
   Interstate Chemical Co, Inc.
   Attention: Heat Transfer Fluid Laboratory
   2797 Freedland Road
   Hermitage, PA 16148-0600
2. Back flush heat pump units.
3. Verify operation of air bleeder by heat pump units.
4. Check and log make up water meter
5. Check and log glycol water pressure and temperature

NORMAL SERVICE CALLS:

Normal service shall include repairs or inspection adjustments to a heating unit during normal business hours (bidders will state normal hours); additional repairs deemed necessary beyond the typical annual cleaning service; and work required to modernize a unit to improve safety or energy efficiency.

Work shall include, but not be limited to repair or replacement of the following:

1. Controls
2. Pumps
3. Burner units
4. Line valves
5. Fire boxes
6. Feed and low water cut-offs
7. Adjustments
8. Cleaning
9. Emergency replacement of heating units

EMERGENCY SERVICE CALLS:

Repairs or adjustments to a heating unit during off hours. Emergency work only, on a 24-hour basis.

1. Bidder shall state hours emergency rate is in effect.
2. Bidder shall state emergency telephone number and contact person(s).
3. Bidder shall state any restrictions or variances to 24-hour service calls.

PARTS:

Discounts on all heating parts used to repair listed units are to be calculated on a percentage basis from the Manufacturers List Price. (Item #11 on proposal page)

REPAIR AUTHORIZATION:

In any case where repairs will exceed $500.00, it shall be necessary for the contractor to have verbal authorization before doing any work. This authorization shall be obtained by calling Dave Compton, Superintendent of Parks, 732-842-4000, ext. 4220. Billing for such work shall be itemized to indicate parts and labor.

RESPONSE TIME:

A maximum of two (2) hours after vendor has received notification from the Park System for needed repairs.

RECEIPTS:

Receipts for each job performed must list the park name and building, and shall be signed by a Park System employee at the time job is completed. Receipts for each job must also indicate the time that the contractor begins the job and the time the contractor completes the job. The initial half-hour rate shall be charged on any service call. The rate for each additional hour shall be charged in five-minute increments.

MINIMUM CHARGES:

Minimum charges, if any, are to be indicated on proposal page.

AIR-CONDITIONING

DESCRIPTION OF WORK

ANNUAL START-UP AND CLEANING SERVICE:

After completion of work, the contractor shall provide a completed Preventative Maintenance Inspection Checklist for each of the units or per facility, whichever is applicable. The checklist shall include all preventative maintenance items. A list of units and locations is attached.

The contractor shall be notified as to which units shall be cleaned and started up, and which units have been removed from service and therefore shall not be cleaned.

Preventive maintenance work shall not begin until prior authorization has been given by the Superintendent of Parks, 732-842-4000, ext. 4220.

Cleaning and start up of all units shall be completed by June 15.

Bid price shall be single start up and service per unit, and shall include but not be limited to the following:

1. Check and clean condenser fins, and comb as necessary.
2. Replace air filters with standard capacity pleated filters.
3. Oil all motors.
4. Start up unit and check all controls for proper operation.
5. Check high and low pressures; add refrigerant as necessary.
6. Make adjustments where necessary to ensure system operations comply with manufacturer's specifications and current recommendations as may be issued by bulletin or other correspondence.

AIR COOLED CHILLERS

Preventative Maintenance services for air-cooled chiller. Bid price shall be per maintenance service call as described below:

1. All work to be performed by Manufacture authorized technicians. Provide copies of certifications for all technicians working on equipment. Failure to provide documentation will result in rejection of bid.
2. Within two weeks of the notice of award provide a schedule for each piece of equipment; einclude date and description of preventative maintenance.
3. Contractor shall meet with the Park System a minimum of three times. Meetings will be prior to spring start-up, mid summer and fall.
4. After each preventative maintenance provide detailed type written report. Report shall include at the minimum the items identified in numbers 9 and 10 below, malfunctions, repairs, and/or corrective actions that are required.
5. Submit with payment application type written report, fax confirmations and lab reports. Payments will be made only after each monthly inspection and the spring and fall inspections, prior to starting work submit schedule of values.
6. Provide unlimited diagnostic calls with travel time as part of base bid. Respond within 4 hours of notification.
7. Vendor to adhere to standard industry practices:
   a) Follow and use recommended procedures and equipment for handling refrigerants; use closed loop refrigerant transfer equipment when removing, charging and storing refrigerant. Recover vapor and liquid refrigerant from hoses
   b) Elevate oil temperature prior to service work
   c) Maintain refrigerant use log for all equipment; record on-site as well as in service reports
   d) Leak test all charging hoses and refrigerant servicing equipment.
   e) Establish proper leak testing routine; follow industry standards of practice for pressure vessels and cooler; use industry accepted tools and equipment
   f) Sample and analyze oil. Submit report to owner. Recommend replacement if contaminated.
   g) Use standing vacuum test to confirm overall integrity of system.
   h) Replace and tighten seal caps on all valves after servicing
   i) When leaks are found, shut down system and make repairs
   j) After major service, evacuate and dehydrate to manufacture specifications or 250 to 50 microns using deep vacuum or triple evacuating method.
8. Perform one (April) annual preventative maintenance, including the following:
   a) Clean condenser coil, method and chemicals as per manufacturer's instructions
   b) Check condition of contactor
   c) Check condenser fans (operation & amperage)
   d) Leak check with leak detector
   e) Secure circuits; lock out and tag
   f) Review and evaluate log readings
   g) Pull refrigerant sample for analysis
   h) Calibrate safety controls
   i) Calibrate chilled water low temperature cutout

j) Calibrate refrigerant low temperature cutout
k) Calibrate condenser high pressure cutout
l) Calibrate oil low pressure cutout
m) Calibrate operating controls
n) Pull oil sample for analysis / replace as needed
o) Check gauges / indicator lights
p) Inspect starter; arc shields, capacitors, coil faces, fuses and heaters, linkages, transformers, and wire insulation, and contactor contacts.
q) Check pressure drop across filter driers replace as needed
r) Remove motor leads
s) Megger compressor motor
t) Reconnect motor leads
u) Restore power
v) Clean work area
w) Submit inspection report to owner. Report to include any malfunctions, repairs, or corrective action required, test results and recommendations.

9. Perform three monthly (May, June and July) operational inspections, including the following:
   a) Check general machine operation
   b) Check control, power and piping
   c) Log refrigerant pressures
   d) Calibrate safety/operating controls
   e) Check starter wiring and contacts
   f) Check gauges/indicator lights
   g) Log cooler supply temperature
   h) Log cooler return temperature
   i) Log oil level
   j) Log oil supply pressure
   k) Check approaches through calculation
   l) Clean up work area
   m) Report to building maintenance supervisor prior to leaving
   n) Submit inspection report to owner. Report to include any malfunctions, repairs, or corrective action required
10. Perform complete annual inspection in October, including the following:
   a) Check unit for leaks
   b) Megohm test of compressor motors
   c) Check and set all microprocessor set points and dip switches
   d) Check system controls and interlock operations
   e) Check oil levels, change filter, and take oil sample for analysis, submit report from independent lab
   f) Inspect condenser section; tighten all hardware; inspect fan blades
   g) Winterize chiller, drain or check glycol concentration; check heat trace on piping and chiller
   h) Tighten all electrical connections; inspect contactors and contactor contacts.
   i) Lubricate all exposed hinges and door latches

j) Submit report of inspection to owner. Report to include any malfunctions, repairs, or corrective action required

WATER-COOLED CHILLERS

Preventative maintenance services for water-cooled chillers. Bid price shall be per maintenance service call as described below:

1. All work to be performed by Manufacture authorized technicians. Provide copies of certifications for all technicians working on equipment. Failure to provide documentation will result in rejection of bid.
2. Within two weeks of the notice of award provide a schedule for each piece of equipment, include date and description of preventative maintenance.
3. Contractor shall meet with the Owner a minimum of three times. Meetings will be prior to spring start-up, mid summer and fall.
4. After each preventative maintenance provide detailed type written report. Report shall include at the minimum the items identified in numbers 9 through 11 below, malfunctions, repairs, and/or corrective actions that are required.
5. Submit with payment application, type written report, E-mail confirmations and lab reports. Payments will be made only after each monthly inspection and the spring and fall inspections, prior to starting work submit schedule of values.
6. Provide unlimited diagnostic calls with travel time as part of base bid. Respond within 4 hours of notification.
7. Vendor to adhere to standard industry practices
   a) Follow and use recommended procedures and equipment for handling refrigerants; use closed loop refrigerant transfer equipment when removing, charging and storing refrigerant. Recover vapor and liquid refrigerant from hoses
   b) Elevate oil temperature prior to service work
   c) Maintain refrigerant use log for all equipment; record on-site as well as in service reports
   d) Leak test all charging hoses and refrigerant servicing equipment
   e) Establish proper leak testing routine; follow industry standards of practice for pressure vessels and cooler; use industry accepted tools and equipment
   f) Sample and analyze oil. Submit report to owner. Recommend replacement if contaminated.
   g) Use standing vacuum test to confirm overall integrity of system
   h) Replace and tighten seal caps on all valves after servicing
   i) When leaks are found, shut down system and make repairs
   j) After major service, evacuate and dehydrate to manufacture specifications or 250 to 50 microns using deep vacuum or triple evacuating method.
8. Perform April operational inspections, including the following:
   a) Check general machine operation
   b) Check control, contactors, power and piping
   c) Log refrigerant pressures
   d) Check safety/operating controls
   e) Check starter wiring and contacts
   f) Check gauges/indicator lights
   g) Log cooler supply and return temperature

h) Log condenser supply and return temperature
i) Log all amp readings
j) Log condensing pressure
k) Log oil level
l) Log oil supply pressure
m) Check approaches through calculation
n) Lubricate all equipment (pumps. tower fan bearings, etc.)
o) Remove and clean screens in cooling towers.
p) Flush tower pan to remove accumulated dirt.
q) Check make up water system to insure it is operating properly and the water level is correct.
r) Check tower water distribution system to insure it is operating properly.
s) Check tower fan belt tension.
t) Check tower sump heater.
u) Clean up work area
v) Submit inspection report to owner. Report to include any malfunctions, repairs, or corrective action required

9. Perform three monthly (May, June, and July) operational inspections including the following:
   a) Check general machine operation
   b) Check control, contactors, power and piping
   c) Check safety/operating controls
   d) Check starter wiring and contacts
   e) Check gauges/indicator lights
   f) Log cooler supply and return temperature
   g) Log condenser supply and return temperature
   h) Log chiller pressure
   i) Log condensing pressure
   j) Log oil level
   k) Log oil supply pressure
   l) Check approaches through calculation
   m) Lubricate all equipment (pumps. tower fan bearings, etc.)
   n) Remove and clean screens in cooling towers.
   o) Flush tower pan to remove accumulated dirt.
   p) Check make up water system to insure it is operating properly and the water level is correct.
   q) Check tower water distribution system to insure it is operating properly.
   r) Check tower fan belt tension.
   s) Check tower sump heater.
   t) Clean up work area
   u) Submit inspection report to owner. Report to include any malfunctions, repairs, or corrective action required
10. Perform one (October) annual preventative maintenance, including the following:
    a) Leak check with leak detector
    b) Secure circuits; lock out and tag
    c) Review and evaluate log readings

d) Pull refrigerant sample for analysis
e) Calibrate safety controls
f) Calibrate chilled water low temperature cutout
g) Calibrate refrigerant low temperature cutout
h) Calibrate condenser high pressure cutout
i) Calibrate low oil pressure cutout
j) Calibrate operating controls
k) Pull oil sample for analysis / change filter and report findings to owner
l) Brush clean tubes
m) Check gauges / indicator lights
n) Inspect starter; arc shields, capacitors, coil faces, fuses and heaters, linkages, resistors, transformers, and wire insulation, and contactor contacts.
o) Check pressure drop across driers replace as needed
p) Remove motor leads
q) Megger compressor motor
r) Reconnect motor leads
s) Restore power
t) Leak check disassembled joints
u) Lubricate all equipment (pumps. tower fan bearings, etc.)
v) Remove and clean screens in cooling towers.
w) Flush tower pan to remove accumulated dirt.
x) Check fan screens, inlet louvers and fans, remove dirt and debris.
y) Check tower fan belt tension.
z) Check tower sump heater and piping heat trace.
aa) Clean work area
bb) Submit inspection report to owner. Report to include any malfunctions, repairs, or corrective action required, oil analysis and refrigerant test results and recommendations.

NORMAL SERVICE CALLS:

Normal service shall include additional repairs deemed necessary beyond the typical annual start up; repairs or inspection adjustments to an air-conditioner during normal business hours (bidders will state normal hours); and work required to modernize a unit to improve safety or energy efficiency.

Work shall include, but not be limited to repair or replacement of the following:

1. Controls
2. Pumps
3. Motors
4. Line valves
5. Bearings
6. Fans and pulleys
7. Adjustments
8. Cleaning
9. Refrigerant charging
10. Emergency replacement of compressor

EMERGENCY SERVICE CALLS:

Repairs or adjustments to an air-conditioner during off hours. Emergency work only, on a 24-hour basis.

1. Bidder shall state hours emergency rate is in effect.
2. Bidder shall state emergency telephone number and contact person(s).
3. Bidder shall state any restrictions or variances to 24-hour service calls.

PARTS:

Discounts on all air conditioning parts used to repair listed units are to be calculated on a percentage basis from the Manufacturers List Price. (Item #11 on proposal page)

REPAIR AUTHORIZATION:

In any case where repairs will exceed $500.00, it shall be necessary for the contractor to have verbal authorization before doing any work. This authorization shall be obtained by calling the Superintendent of Parks, 732-842-4000, ext. 4220. Billing for such work shall be itemized to indicate parts and labor.

RESPONSE TIME:

A maximum of four (4) hours after vendor has received notification from the Park System for needed repairs.

RECEIPTS:

Receipts for each job performed must list the park name and building, and shall be signed by a Park System employee at the time job is completed. Receipts for each job must also indicate the time that the contractor begins the job and the time the contractor completes the job. The initial half-hour rate shall be charged on any service call. The rate for each additional hour shall be charged in five-minute increments.

MINIMUM CHARGES:

Minimum charges, if any, are to be indicated on proposal page.

BID PRICE PER FACILITY

Bidders are expected to examine the HVAC systems at each of the facilities listed below in order to understand the complete scope of servicing required. Bidders should call all the Superintendent of Parks, 732-842-4000, ext. 4220, to make an appointment to survey the HVAC systems.

Charleston Springs Golf Center – Building #2514 (Area 437)
101 Woodville Road (Route 527)
Freehold, NJ

- Florida Heat Pump Manufacturing heat pumps model EM210
- Honeywell Excel 10 W7750C Controller
- Carrier AHU
- Bell & Gosset glycol pumps

Manasquan Reservoir Environmental Center – Building #2308 (Area 425)
331 Georgia Tavern Road
Howell, NJ

- Florida Heat Pump Manufacturing heat pump model GT096
- Florida Heat Pump Manufacturing console heat pumps
- Carrier heating and cooling units
- Bell & Gossett glycol pumps

Fort Monmouth Recreation Center – Building #3801 (Area 453)
2566 Guam Lane
Tinton Falls, NJ

- The Trane Company chiller model#CGAFC50EAMA10000E0000000000W09
- York air-cooled air conditioner and central station AHU
- Carrier AHU
- Reznor gas-fired indoor duct furnaces & unit heaters
- Boiler
- Johnson Controls, Metasys automated building control

Thompson Park Visitor Center – Bulding #501 (Area 411)
805 Newman Springs Road
Lincroft, NJ

- York chiller model#YCWL0064SE17XAASDTX
- Marley cooling tower model #MCW901136HRA1
- Paterson-Kelley boiler
- York – AHU model#XTI-048X084-JJJH017A
- Bell & Gossett pumps
- Johnson controls, Metasys automated building control

Monmouth County Park System - Cooling Systems

As of 3/28/2014

Park Area: Shark River Park - 406

BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
142		Rheem	RAJA-042JAS	4312MI7894568		

Park Area: Holmel Park - 407

BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
226		Beckett	AFG	9806435320		208/230V
227		Bryant	597BN060-A	4591E00518		208/230V

Park Area: Longstreet Farm - 408

BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
222		Carrier	CBH19-31-2P	S193D88409		
222		Carrier	C23-31WFC-1	6002A43563		
222		Rudd	UAMA-060JAZ	5782G3196-02867		Condenser 208/230V
222		Snyder	AA0360A			Condenser 208/230V
229		Lennox	CBH19-31-2P	5193D88409		
229		Lennox	B24Q35-1P	5193H64317		
229		Lennox	HS25-261-1P	5193E31389		Condenser 208/230V
229		Lennox	HS25-261-1P	5193E31803		Condenser 208/230V
234		Lennox	13ACC-041-230-230-02	J805J07971		Condenser 208/230V

Park Area: Howell Park Golf Course - 410/428

BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
410		Trane	TTA180B300FA	7293YT7AD		15 Tons
411		Markel	F3F1507		AIR HANDLER	

Park Area: Thompson Park - 411

BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
501		York	YCWL00645E17XAASDTX	RCTMO22533	Chiller	w/ Chillguard et Monitor
501		Marley	826432-A1	MCW901136HRA1	Cooling Tower	240V/60A
501		York	XTI-048X066-JJJH017A	CDTM XT0133	Air Handler 2	200V/3PH/60Hz
501		York	XTI-048X084-JJJH017A	CDTM XT0132	Air Handler 1	200V/3PH/60Hz
501		York	XTI-039X057-JJHG017A	CDTM XT0134	Air Handler 3	200V/3PH/60Hz
506		LG	920RB-90100280-A9268N	901KAAE00280		115V/60HZ

506		Trane	2TTB3036A1000AA	9035LYF5F		208/230V; 18A
506		Trane	2TTB3030A1000AA	9093LMH3F		200/230V; 13A
506		Trane	2TTB3060A1000AA	8244KUY4F		208/220V; 33A
506		Trane	2TTB3048A1000AA	9063P9H4F		200/230V; 25A
506		Trane	2TTB3048A1000AA	9061UC44F		200/230V; 25A
511		Comfortmaker	CAC060AKA5	E032056590		
531		Lennox	AC13-018-230-02	5806E55549		
531		Rudd	UAKA-06-CA5	4991M180005830		
541		Heat Controller	A-SMH12 SB	C10825904093081201		
531		Carrier	88BA006400	8607038		208/230V
531		Comfortmaker				208/230V
531		Snyder	C080C0	R902100005		208/230V
531		Carrier	38AK008500	4093G00203		208/230V
531		Lennox	HS-29-018-1P	5898D32731		208/230V
544		Stanyo	C3622	14471		
544		Janitrol	CKT60-1B	9806435331		
549		Lennox	HS29-261-3P	5897B-28970		
549		Lennox	HS29-653-2Y	5897D-04501		
549		Lennox	HS29-653-2Y	5896L-24016		
549		Lennox	HS29-513-2Y	5897B-23996		
549		Lennox	HS29-463-2Y	5897C-21235		
549		Lennox	HS29-413-2Y	5897C-20965		
549		Lennox	HS29-413-2Y	58973-47366		
549		Lennox	HS29-513-2Y	5897B-23931		
549		Lennox	HS29-036-97	5803J65487		
549		Lennox	HS29-036-97	5804G08327		
549		Lennox			Compressor	
549		Fujitsu	AOU36CLX	EBN011795		
549		Fujitsu	AOU36CLX	EBN011797		
549		Lennox	HS29-060-10Y	5804E08996		
551		Heil	24TF893570	H34396342		
551		GE	BTB912A100A1	280762A21		
581		Carrier	24ACR336A003	4006E10456		208/230V
581		Trane	XP80	THV1M087A9485AA		

Park Area: Baysholm Park/ East Freehold - 412/414

BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES

811		TraneXB 300	4TTM306A1000AA	10382M1TAA		
Park Area: Tatum Park - 415						
BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
906		Unico System	M4860CLI-E	1305A299251		
906		York	YCJF60S41S1A	W1K0358642		
906		York	YCJF60S41S1A	W1K0323618		208/230V
906		Thermal Zone	T2AB-360-2A	826YW261320376		
906		Thermal Zone	T2AB-360-2A	8261W26139896		
906		Thermal Zone	T2AB-360-2A	826YW261320364		
906		Unico System	M4860BLI-ST2	1304A290213		
906		Unico System	M4860CLI-E	1307A295896		
910		Rudd	UAMA-060JAZ	5782-G1597-01476		208/230V
910		Rudd	UAMA-060JAZ	5782-G3196-02873		208/230V
910		Rudd	UAMA-060JAZ	5782-G2696-00669		208/230V
910		Reem	RAKA-060JA2	5721M1700-05653		208/230V
910		Reem	RAKA-060JA2	5721M1700-05654		208/230V

Park Area: Huber Woods Park - 419						
BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
1914		Rudd	UAMB-060JAZ	6269M269908404		208/230V
1914		Carrier	38BRC036350	2005E42731		208/230V
1914		Burnham	BCMC-30	9013602		208/230V
1914		Lennox	AC13-060-230-04	5808B31267		208/230V

Park Area: Seven Presidents - 420						
BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
1204		Pennbarry	ZC12		Air handler	
1208		Goodman	GSC100903AD	1305643394		
1208		Goodman	GSC130603BB	1205207663		
1208		Greenheck	BSQ-180-20	119195830911	AIR HANDLER	
1208		Csaus	CBH17-95V-3	5608H18008	AIR HANDLER	
1208		Carrier	FB4CNF060	3311A83677	Condenser	

Park Area: Deep Cut Gardens - 423						
BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
1401		Lennox	HS25-411-1P	5193E36321		208/230V
1401		Mitsubishi	PCA-A42GA			208/230V

1401		Mitsubishi	PUY-A422NHA	62400841A		208/230V
Park Area: Manasquan Reservoir - 425						
BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
2308		Florida Heat Pump	PP-90	12-99-054502-001-001	Heat Pump	Geothermal System

Park Area: Historic Walnford - 426						
BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
1720		First Co.	24MBXR-3HW			
1720		Janitrol Goodwin	30MBXR-3HW	GOIFC103011092219	Air Handler	
1720		Janitrol Goodwin	CKJ24-IA	9910455649		Condenser
1720		Janitrol Goodwin	CKJ30-IA	1478386		Condenser

Park Area: Shark River Golf Course - 429						
BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
2104		Carrier	38BA008-540	028G74533		88,000 BU
2104		Carrier	40RR-008-530	Z793085	Air Handler 230/460V	
2104		Carrier	38AE016-500	Z795484		183,000 BTU
2104		Carrier	40RR-016-540	Z793413	Air Handler 230/460V	
Park Area: Hominy Hill Golf Course - 430						
BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
1302		Bryant	597CN036-G	2503E55778		208/230V
1303		Carrier	24APA536A300	2206E16168		208/230V
1303		Carrier	38AFC008510	2792G34250		208/230V
1303		Carrier	38AFC008510	2792G34255		208/230V
1303		Mitsubishi	MX230TN2	42903837		208/230V
1303		Carrier	24ACA360A500	3307E13075		
1303		Carrier	24ACA360A500	3607E 00063		

Park Area: Pine Brook Golf Course - 431						
BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
1801		Lennox	SSB048H4S42Y	5807C02808		Condenser 208/230V
1801		Lennox	SSB060H4S42Y	5808B02191		Condenser 208/230V

Park Area: Dorbrook Park - 432						
BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES

2001		Carrier	24ANA136A0032030	4910E14698		Condenser #1
2001		Rudd	UAKA-060JAZ	5721-M2998-09857		Condenser #2
2001		Carrier	24APA524A300	2106E02748		Condenser #3
2026		Trane	BTD718A100B0	Y21244807		Condenser 208/230V
2026		Trane	BTD718A100B0	Y22244996		Condenser 208/230V
2026		Mitsubishi	MXZ30TN2	42902836		
2026		Lennox	XC21-036-230-03		5809G01482	
2026		Lennox	XC21-036-230-03		5809H13334	

Park Area: Monmouth Cove Marina - 433

BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
2206		Carrier	24APA342A300	1306E23775		
2206		Carrier	CNPUP4221ACAAAAA	2706X37272	AIR HANDLER	
2206		Rheem	RCFL-HM6024AC	W090903831	AIR HANDLER	

Park Area: Charleston Springs Golf Course - 434/437

BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
2514			Geothermal System			

Park Area: Sunnyside Recreation Area - 436

BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
2405		Central Air	HSC130601BC	707548343		
2405		Goodman	GSC13042AC	707542411		
2405		Goodman	GSC130361DE	707544254		
2405		Goodman	GSC1303C1AE	707555659		
2405		Heil	NAC024AKB1	L021405725		

Park Area: Henry Hudson Trail - 438

BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
3101		Carrier				Roof Top
3101		Carrier				Roof Top

Park Area: Bayshore Waterfront Park - 439

BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
2649		Trane	2TTB0036A1000AA	4491XXJ5F		200/230V
2667		Lennox	G61MP-36B-070-07	5908K12662		

2667		Lennox	CH33-36B-2F-2	6008H23208		
2667		Lennox	XC1304823003	5808J10727		200/230V
2667		Lennox	XC1303023003	5808L04478		200/230V

Park Area: Bel-Aire Golf Course - 444/445						
BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
3001		Lennox	HA29-048-5P	5805G56179		
3009		Lennox	HS29-042-5P	5805K42542		A/C Condenser

Park Area: Fort Monmouth Recreation Area - 453						
BLDG #	PT #	MAKE	MODEL #	SERIAL #	AIR HANDLER	NOTES
3801		Trane	CGAFC50EAMA10000E00 00000000W09	C07K10539	Chiller	
3801		York	H2CA360A25D	NNGM168886	Air Cooled	
3801		Carrier	AHU1	1493T34340	AIR HANDLER	
3801		Carrier	AHU2	1493T34341	AIR HANDLER	
3801		Carrier			AIR HANDLER	
3801		Carrier			AIR HANDLER	

Monmouth County Park System - Heating Systems

As of 3/28/2014

Park Area: Shark River Park - 406

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
101		Goodman	GMH8		Natural Gas	Forced Air	Horizontal
101		Goodman	GDH8		Natural Gas	Forced Air	Downflow
104		Weil McLain	TWGO-5	CP3707215	Oil Fired	Hot Water	175,000 BTU
118	3658	Bryant	383KAV042091	2097A0919	Natural Gas	Forced Air	71,000 BTU
122		Carrier	58PAP100LC	4092H06366	Natural Gas	Forced Air	125,000 BTU
142		Frigidare	FG6RA120C-16	FG6001204480	Natural Gas	Forced Air	96,000 BTU
142		Resnor	FSO-3	AZ831K5N26651X	Natural Gas	Forced Air	40,000 BTU

Park Area: Holmdel Park - 407

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
203	401	Weil McLain	AB-SGO-8	CP5622969	Oil Fired	Steam	15 PSI @ 210 dgr
225		Carrier	58CMR120-10120	0305V6203	Oil Fired	Forced Air	210,000 BTU
226		Carrier	58CMA105	2204V61381	Oil Fired	Forced Air	200,000 BTU
226		Carrier	58CMA105	2204V61381	Oil Fired	Forced Air	125,000 BTU
227		Weil McLain	P-468VWT	CP2614114	Oil Fired	Forced Air	151,000 BTU

Park Area: Longstreet Farm - 408

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
222		Weil McLain	A/B-WGO-8	Series 3	Oil Fired	Hot Water	266,000 BTU
229		Triangle Tube	Prestige Solo 175	PS72792	Propane	Hot Water	154 MBH
234		Lennox	02303-105/120-3C	S8400012506	Oil Fired	Forced Air	97,000 BTU

Park Area: Turkey Swamp - 409

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
301		Bock	71E	20132897	Oil Fired	Forced Air	150 PSI
301		Carrier	Series 13058CMA105-12	1206V78802	Oil Fired	Forced Air	85,000 BTU
301		Bock	71E	02063001T	Oil Fired	Hot Water	150 PSI
303		Bryant	361AAN036105	4893V00251	Oil Fired	Forced Air	85,000 BTU
303		Snyder General	OUD100A016	HC753698-9029	Oil Fired	Forced Air	100,000 BTU
306		Williamson-Thermo	CHB-105-DD	30211010	Oil Fired	Forced Air	105,000 BTU
309		Burnham	PV83WT-TBWF	64319424	Oil Fired	Boiler	MWP Steam 15 PSI
319		Weil McLain	PWGO-3	Series 100	Oil Fired	Hot Water	100,000 BTU
324		Dayton	GF9S060B12UP11J	WOM6222172	Propane	Forced Air	55,000 BTU

Park Area: Howell Golf Course - 410/428

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
403		Weil McLain	PSG0-4	3	Oil Fired	Steam	144,000 BTU
404		Weil McLain	A/BSG0-8W	3	Oil Fired	Steam	281,000 BTU

409		Carrier	5866MR120	1205V69929	Oil Fired	Forced Air	99,000 BTU
410		Trane LLH-2	TWE180B300EL	9344L7MHD	Electric	Forced Air	
410		Modine	HER50B1201	3001AB1609-9155	Electric	Forced Air	
Park Area: Thompson Park - 411							
BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
501		Patterson Kelly	N1500=MFD	FYO3-08-32034	Natural Gas	Hot Water	1,275,000 BTU
501		Patterson Kelly	N1500=MFD	FYO3-08-32033	Natural Gas	Hot Water	1,275,000 BTU
501		Bell & Gossett	CG02				
502	2918	Weil McLain	SERIES 3	124161	Natural Gas	Hot Water	P-666
503/504		Buderus	Logamax Plus GB142-60	291-011-000003-8H7021	Natural Gas	Hot Water	190,100 BTU
505		Carrier	58MEC120F10120	4910A02867	Natural Gas	Forced Air	112,000 BTU
506		Weil McLain	ULTRA 310	3	Natural Gas	Hot Water	
507	6025	Weil McLain	WTGO-5	CP5593599	Natural Gas	Steam	30 PSI @ 210 DGRS
508	2919	Weil McLain	PWGO-4	CP4230863	Natural Gas	Steam	15 PSI @ 210 DGRS
510	3516	Rudd	ROBC84QBEA	AN172M400000132	Natural Gas	Forced Air	
511		Metromatic	HB/SU-200	AP-178955	Natural Gas	Forced Air	
521		Navien	CH240	210J-B012	Natural Gas	Steam	30 psi @ 180 DGRS
524		Yukon	85 PLUS	B599V1624735409	Natural Gas	Forced Air	
526	4346	Empire	DV-60-SPP	13628	Natural Gas	Forced Air	45,000 BTU
526					Natural Gas	Forced Air	
531		Weil McLain	PFG-6-P1N	CP5617124	Natural Gas	Hot Water	247,000 BTU
531		Weil McLain	A/B-768	CU-9750	Natural Gas	Hot Water	246,000 BTU
531		Weil McLain	A/B-768	CU-9749	Natural Gas	Steam	246,000 BTU
541		Weil McLain	A/B-762		Oil Fired	Steam	
541		Heat Controller	A-SMH12 SB	C10825904093081201		Forced Air	
544		Ducane	UHZB100A48BK	TC7414069822	Oil Fired	Forced Air	100,000 BTU
544		Ducane	UHZB100A48BK	TC7414039822	Oil Fired	Forced Air	100,000 BTU
544		Lennox Elite	1	1	Oil Fired	Forced Air	85,000 BTU
544		Ducane	UZHB125A5BK	TD7336809743	Oil Fired	Forced Air	125,000 BTU
549		Weil_McLain	Ultra 550	CP6958177	Natural Gas	Hot Water	550,000 BTU
551	5753	Burnham	PV865C-HPUN1314	64485632	Oil Fired	Steam	
551		Rheem	82V52-2M-SR	RH0705B1842	Oil Fired	Hot Water	
555	5754	Thermo Pride	PRP2LBX16F145C1OL11-112	LMM9002777	Oil Fired	Forced Air	140,000 BTU
570		Weil McLain	P-WG0	CP3463439	Oil Fired	Hot Water	127,000 BTU
581		Carrier	AHU2-SICA200B00	1-06-L-7088-43	Air Handler		
581		V3-TCORE2			Natural Gas	Forced Air	
581		V3-TCORE2			Natural Gas	Forced Air	
581		Trane	TUH1C100A9481AA	130125HR2G	Natural Gas	Forced Air	
581		Trane	THV1M087A9485AA	90341970X	Oil Fired	Forced Air	84,000 BTU

Park Area: Baysholm Park/ East Freehold - 412/414

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
601		Smith/Westcast	19AO	FA2004-569	Oil Fired	Hot Water	Residence
811		Trane	4TXCD0613C3HC3A	11445JBA5G	Gas	Forced Air	East Freehold Maint.

Park Area: Tatum Park - 415

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
901		Trane	XR80	UO-1N-2H	Natural Gas	Forced Air	100,000 BTU
903		Lennox	G23Q3/4-100-2	5895E27036	Natural Gas	Forced Air	130,000 BTU
906		Weil McLain	TM9X120D20MP11A	WIN0513025	Natural Gas	Forced Air	196,000 BTU
910		Rudd	UGLH-12EARJR	DF5D307F179700373	Natural Gas	Forced Air	125,000 BTU
910		Rudd	UGLH-12EARJR	DF5D307F0897-00399	Natural Gas	Forced Air	125,000 BTU
910		Ream	RGPH-15EARJT	FD5D307F529905837	Natural Gas	Forced Air	150,000 BTU
910		Ream	RGPH-15EARJR	FD5D307F210006090			
911		Goodman	GMS814050NCC	1209552923	Natural Gas	Forced Air	100,000 BTU

Park Area: Shark River Golf Course - 416/429

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
2101		Utica Biolers	MGB250JID	UBJ11028	Natural Gas	Hot Water	250,000 BTU
2103		Goodman			Natural Gas	Hot Air	
2104		Slant Fin	GC350	515251	Natural Gas	Hot Water	280,000 BTU

Park Area: Hartshorne Woods - 417

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
1101		Weil McLain	P368JW	CP2384-389	Oil	Hot Water	
1102	4522	Luxaire	GSU110FF	1132049-0051	LPG Gas	Forced Air	110,000 BTU
1103	3640	Oil Master	DOuA112/125F5-AB	8402J21610	Oil	Forced Air	125,000 BTU
1177		Weil McLain	WGO-9	550201178	Oil	Hot Water	295000 BTU

Park Area: Huber Woods - 419

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
1901		Rudd	UGDG10EAMER	CD5D302F46923271	Natural Gas	Upflow Hot Air	45,000 BTU
1905		Dayton	3F475B	F0087818	Natural Gas	Forced Air	60,000 BTU
1913		Empire	DV55-SPP	1239701493	Natural Gas	Forced Air	55,000 BTU
1914		Thermopride	OL33-200R	AN988783	Oil	Forced Air	156,000 BTU
1914		Thermopride	OL16125RD	AP245299	Oil	Forced Air	15 PSI @ 210 DGRS
1914		Weil McLain	P-SGO-4	CU-9740	Oil	Steam	85,000 BTU
1921		Carrier	58CMR105-10112	1905V71337	Oil	Forced Air	300,000 BTU
1924		Slant-Finn	GXH170DPZ	G0017804	Natural Gas	Hot Water	

Park Area: Seven Presidents Oceanfront Park - 420

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
1201	5744	Caravan	CG300	519517	Natural Gas	Hot Water	
1204		Trane	GPND010ADF10000	A93K35465	Natural Gas	Forced Air	300,000 BTU
1204		Dayton	GPND010AAD2000E	A93K35466	Natural Gas	Forced Air	
1207		Lochinvar	CBN399	K14H00271887	Natural Gas	Hot Water	399,000
1217		Lennox	G61MPV-36B-070	F590409991	Natural Gas	Forced Air	

Park Area: Hominy Hill Golf Course - 421/430

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
1303		Weil McLain	A/B-WGO-8	CU9755	Oil Fired	Hot Water	238,000 BTU
1303		Weil McLain	A/B-WGO-8	CU9757	Oil Fired	Hot Water	238,000 BTU
1303		Weil McLain	A/B-WGO-8	CU9759	Oil Fired	Hot Water	234,000 BTU
1304	3652	Weil McLain	P-WGO-3	CP3473768	Oil Fired	Hot Water	30 PSI @ 210 DGRS
1305	3651	Crown	TWZ125	B000320204	Oil Fired	Hot Water	30 PSI @ 210 DGRS
1306		Empire			Propane	Forced Air	45,000 BTU
1306		Empire			Propane	Forced Air	45,000 BTU
1311		Weil McLain	676	CP1985704	Oil Fired	Hot Water	408,000 BTU

Park Area: Deep Cut - 423

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
1401		Lennox	G23Q5/6-150-4	5897F22060	Natural Gas	Forced Air	150,000 BTU
1402		Weil McLain	CGI-5Pin Series 3		Natural Gas	Hot Water	100,000 BTU
1403		Burhman	207NSL-TEI2	64347951	Natural Gas	Hot Water	198,000 BTU
1406		Rudd	UGTA10EZAJS	EJ5D707F220105301	Natural Gas	Forced Air	105,000 BTU
1411		Snyder	GUA-100A016AIN	R881600015	Natural Gas	Forced Air	100,000 BTU
1411		Snyder	GUA-08016AIN	0000246443-P41-0130	Natural Gas	Forced Air	80,000 BTU

Park Area: Manasquan Reservoir - 425

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
2302		RH Beckett	AFGU202	TB7622360044			
2302		American Standard	MP1405	H68L10442	Oil Fired		
2302		Bock				Hot Water	
2303		Boderus Ligano G215	C215/7	530-012-000118-517845	Oil	Hot Water	
2305					Electric	Forced Air	
2308		G Mark	MU4078	1099	Electric	overhead	1 unit
2308		Taskmaster	F1F5103N		Electric	overhead	2 units
2308		Base Board Elec Heat			Electric		7 units
2308		Fostoria Elec Heaters	FCH3D032012B3A40000A5			Geothermal	5 units
2308		Marathon Elec Motors	DVL213TTDW7022ABL	M323		Geothermal	1 unit
2308		Marathon Elec Motors	6Vl213TTDW7022AAL	M323		Geothermal	1 unit
2308		Florida Heat	Console			Geothermal	16 units

2308	Valley Elec. Heat Duc	GT022-1VTC	FL046801		Geothermal	7 Units

Park Area: Pine Brook Golf Course - 431						
BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
1801	HVAC-1	Lennox	G61MPV-60C-090-10	6008B01107	Natural Gas	Forced Air	120V - 60 HZ
1801	HVAC-2	Lennox	G61MPV-60C-090-10	6008B01108	Natural Gas	Forced Air	120V - 60 HZ

Park Area: Dorbrook Park - 432							
BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
2001		Burnham	V903A	64819478	Oil	Steam	347 MBH
2002		Burnham	PV86WC-TBWN	64469881	Oil	Hot Water	
2007		Reznor	UDAP-125	BCB79Y2N17890X	Propane	Forced Air	155V
2007	8776	Cozy	DVCF654B/LP	99131768	Propane	Forced Air	24V
2017	8809	Slant/Finn	XL-40P	X0005260	Oil	Hot Water	162,000 BTU
2024		Sterling	QVF75	Q9004058	Propane	Forced Air	75,000 BTU
2024		Sterling	QVF75	Q9004057	Propane	Forced Air	75,000 BTU
2026		Carrier-Bryant	)VMAAB042112AABF/ NX Serie	310V06064/101214-1101	Oil	Forced Air	
2026		Carrier-Bryant	)VMAAB042112AABF/ NX Serie	310V06135/101214-1102	Oil	Forced Air	
2026		Rudd	ROBC112QBGA	AN172M410100076	Oil	Forced Air	140,000 BTU
2035		Rudd	ROBC084QBEA	AN172M410100128	Oil	Forced Air	105,000 BTU
2035		Burnham	PV855CHBUN	64387911	Oil	Steam	

Park Area: Monmouth Cove Marina - 433							
BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
2206		Ruud	UHPQ-12EARJR	GW50307F340802230			
2206		Carrier	58CVA110	2506A30296	Natural Gas	Forced Air	136,000 BTU
2206		Gordan-Ray	RTH150A		Natural Gas	Infra-Red	150,000 BTU
2206		Gordan-Ray	RTH150A		Natural Gas	Infra-Red	150,000 BTU

Park Area: Charleston Springs - 434/437							
BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
2513	Utl. Room	Bryant	350NAV036080	3798A01758	Natural Gas	Forced Air	74,000 BTU
2513	Parts Rm	Reznor	F-25	BCA31K5N110749X	Natural Gas	Forced Air	20,000 BTU
2513	first bay	Reznor	F-75-3	BCG31K5N54117X	Natural Gas	Forced Air	60,000 BTU
2513	first bay	Reznor	F-75-3	BCD31K5228897X	Natural Gas	Forced Air	60,000 BTU
2513	grnd room	Reznor	F-75-3	BCC31K5N26505X	Natural Gas	Forced Air	60,000 BTU
2513	last bay	Reznor	F-75-3	BCG31K5N54095X	Natural Gas	Forced Air	60,000 BTU
2514	*******	Florida Heat	EM210	*******	Geothermal	*********	**********
2525	upstairs	Trane	TUX040C924D2	3343WCW7G	Natural Gas	Forced Air	40,000 BTU
2525	basement	Rudd	VGDG-10EAMER	DF50302F37940063	Natural Gas	Forced Air	100,000 BTU
2530	utl room	Reznor	58MVP080-F-18114	050A14100	Natural Gas	Forced Air	80,000 BTU
2530	Parts Rm	Reznor	UDAP30	BED79X7NO1650X	Natural Gas	Forced Air	20,000 BTU

2530		Reznor	UDAP30		Natural Gas	Forced Air	20,000 BTU
2530	first bay	Reznor	UDAP75	BED79X7N99467X	Natural Gas	Forced Air	60,000 BTU
2530	first bay	Reznor	UDAP75	BED79X7N99444X	Natural Gas	Forced Air	60,000 BTU
2530	grnd room	Reznor	UDAP75	BED79X7N99438X	Natural Gas	Forced Air	60,000 BTU

Park Area: Sunnyside Recreation Area - 436

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
2401		Weil-McLain	UHRA Series 3		Natural Gas	Hot Water/ Forced Air	
2401		Trane	TUX100C948D2	3364BY97G	Natural Gas		
2405		TempStar	NTC6050FBG1	L013134322	Natural Gas	Forced Air	50,000 BTU
2405		Goodman	GMH95073BXAA	607085995	Natural Gas	Forced Air	69,000 BTU
2405		Goodman	GMS950905DXA	601078043	Natural Gas	Forced Air	92,000 BTU
2405		Goodman	GMS950905DXA	601078044	Natural Gas	Forced Air	92,000 BTU
2405		Goodman	GMV91155DXA	602518512	Natural Gas	Forced Air	115,000 BTU

Park Area: Henry Hudson Trail - 438

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
3101		Carrier	Rooftop 2-Stage		Natural Gas	Forced Air	
3101		Carrier	Rooftop 2-Stage		Natural Gas	Forced Air	
3101		Repco	LA75C	18328180	Natural Gas	Hot Water	59,000 BTU

Park Area: Bayshore Waterfront - 439

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
2649		Snyder		0000243104-N23-0017	Natural Gas	Forced Air	75,000 BTU
2667		Rheem	RGPH-12EARJR	CW50307F28945244	Natural Gas	Forced Air	
2667		Lennox	G671MP48CO9007		Natural Gas	Forced Air	88,000 BTU
2686		Honeywell			Elec	Forced Air	Air Handler
2686		Lennox	ML180UH	5912M05989	Natural Gas	Forced Air	

Park Area: Manasquan River Greenway - 440

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
2701		Crown	CRTWZ100B0L	2945	Oil Fired	Hot Water	85,200 BTU

Park Area: Crosswicks Creek Greenway - 441/ Historic Walnford - 426

BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
1710		Carrier	58ZAV		Propane	Forced Air	
1714		Carrier	PI10006Z	2005V71555	Oil Fired	Forced Air	106,000 BTU
1714	6735	Rudd	UOBC8842AEA	AN172M5192-4731	Oil Fired	Forced Air	105,000 BTU
1715		Modine	PDP125AE0130	39011014106-9075	Propane	Forced Air	112,500 BTU
1715		Modine	PA50AB	320120A0888	Propane	Forced Air	88,500 BTU

1720		Burnham	301CRD	64136582	Oil Fired	Hot Water	483,000
1723		Heil	NTC5125BKD1	L9649-31098	Propane	Forced Air	125,000 BTU

Park Area: Wolf Hill Recreation Area - 443							
BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
1505		HB Smith	G100-W-7	B92-551	Natural Gas	Gas	150,000 BTU

Park Area: Bel-Aire Golf Course - 444/445							
BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
3001		Lennox	Q20Q5-140-154-6A	8494C18768	Oil Fired	Forced Air	125,000 BTU
3007		Weil McLain	CGT-5-PIN	1	Natural Gas	Hot Water	
3009		Lennox	G51MP-48C-090-06	5905K39554	Natural Gas	Forced Air	GF1
3009		Lennox	TUA075SNAF1	S6004H56245	Natural Gas	Forced Air	Unit 1
3009		Lennox	TUA075SNAF1	S6004H56236	Natural Gas	Forced Air	Unit 2
3009		Lennox	TUA075SNAF1	S6004H56240	Natural Gas	Forced Air	Unit 3
3009		Lennox	TUA075SNAF1	S6004G72946	Natural Gas	Forced Air	Unit 4
3009		Lennox	TUA04SNAF1	S6004J07210	Natural Gas	Forced Air	Unit 5
3009		Lennox	TUA04SNAF1	S6004J07227	Natural Gas	Forced Air	Unit 6

Park Area: Perrineville Lake Park - 448							
BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
3302		Peerless	WB-110-WPC	WB-11331-0988	Oil Fired	Hot Water	112,000 BTU

Park Area: Fort Monmouth Recreation Area - 453							
BLDG #	PT #	MAKE	MODEL #	SERIAL #	TYPE	TYPE HEAT	SPECIFICATIONS
3801		Reznor	HX400-8	EAYA66K1NO1366	Natural Gas	Forced Air	
3801		Patterson Kelley			Natural Gas	Hot Water/ Forced Air	
3801		Johnson Controls					Automated Bldg. Ctrl.
3801		Weil-McClain		CP2405355	Natural Gas		
3801		Reznor	HXE250-8	EAYA66K1NO1367	Natural Gas	Forced Air	Make up air for Kitchen
3801		Reznor	F25-E	AXK66M4N17098X	Natural Gas	Forced Air	Mech. Room Furnace