

BID SOLICITATION



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
CAPITOL HILL
PROVIDENCE RI 02908

BID NUMBER: B06026
TITLE: INSTALL. OF NEW HEATING SYSTEM
BID OPENING DATE AND TIME:
02/09/2006 2:00 PM

BUYER: WILLIAM ANDERSON
PHONE #: (401) 222 - 2142 ext. 120

B MILITIA OF THE STATE
I MS EXECUTIVE MILITARY STAFF
L BUSINESS OFFICE
L 645 NEW LONDON AVENUE
T CRANSTON RI 02920
O

S MILITIA OF THE STATE
H MS OFFICE OF PUBLIC SAFETY
I 645 NEW LONDON AVE
P CRANSTON RI 02920
T
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Requisition Number(s): R14A067906

Item	Class-Item	Quantity	Unit	Unit Price	Total
	<p>THERE WILL BE A PRE-BID CONFERENCE ON 2/2/06 AT 9:00 AM.</p> <p>LOCATION: COMMAND READINESS CENTER 645 NEW LONDON AVENUE CRANSTON, RI 02920</p> <p>BIDDER IS REQUIRED TO PROVIDE A BID SURETY IN THE FORM OF A BID BOND, OR A CERTIFIED CHECK PAYABLE TO THE STATE OF RHODE ISLAND, IN THE AMOUNT OF A SUM NOT LESS THAN FIVE PERCENT (5%) OF THE BID PRICE. BID SURETY MUST BE ATTACHED TO THE BID FORM. THE SUCCESSFUL BIDDER WILL ALSO BE REQUIRED TO FURNISH PERFORMANCE AND LABOR AND PAYMENT BONDS AT TIME OF TENTATIVE CONTRACT AWARD.</p>				

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer. When delivering offers in person to One Capitol Hill, vendors are advised to allow at least one hour additional time for clearance through security checkpoints.

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RIVIP VENDOR ID#: _____

TERMS OF PAYMENT: _____

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	<p>BIDDERS ARE ADVISED THAT ALL PROVISIONS OF TITLE 37 CHAPTER 13 OF THE GENERAL LAWS OF RHODE ISLAND APPLY TO THE WORK COVERED BY THIS REQUEST, AND THAT PAYMENT OF THE GENERAL PREVAILING RATE OF PER DIEM WAGES AND THE GENERAL PREVAILING RATE FOR REGULAR, OVERTIME, AND OTHER WORKING CONDITIONS EXISTING IN THE LOCALITY FOR EACH CRAFT, MECHANIC, TEAMSTER, OR TYPE OF WORKMAN NEEDED TO EXECUTE THIS WORK IS A REQUIREMENT FOR BOTH CONTRACTORS AND SUBCONTRACTORS. THE PREVAILING WAGE TABLE MAY BE OBTAINED AT THE RI DIVISION OF PURCHASES HOME PAGE BY INTERNET at www.purchasing.state.ri.us. SELECT "INFORMATION" AND THEN SELECT "PREVAILING WAGE TABLE". THE STATE OF RHODE ISLAND USES THE GENERAL DECISION NUMBER RI20030001. PRINTING THE ENTIRE DOCUMENT AVERAGES APPROXIMATELY ONE MINUTE PER PAGE - YOU MAY WANT TO PRINT ONLY THE PAGES APPLICABLE TO YOUR BID. BIDDERS NOTE: IN THE EVENT THIS BID SPECIFIES PRICE OFFERS ON A TIME-AND-MATERIALS BASIS, i.e., AN HOURLY RATE, ANY OR ALL BIDS SUBMITTED IN AN AMOUNT LESS THAN THE PREVAILING RATE IN EFFECT FOR THE WORK COVERED BY THIS REQUEST AS OF THE DATE OF BID ISSUANCE SHALL BE REJECTED BY THE DIVISION OF PURCHASES.</p>				

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	<p>AN INSURANCE CERTIFICATE IN COMPLIANCE WITH PROVISIONS OF ITEM 31 (INSURANCE) OF THE GENERAL CONDITIONS OF PURCHASE IS REQUIRED FOR COMPREHENSIVE GENERAL LIABILITY, AUTOMOBILE LIABILITY, AND WORKERS' COMPENSATION AND MUST BE SUBMITTED BY THE SUCCESSFUL BIDDER(S) TO THE DIVISION OF PURCHASES PRIOR TO AWARD. THE INSURANCE CERTIFICATE MUST NAME THE STATE OF RHODE ISLAND AS CERTIFICATE HOLDER AND AS AN ADDITIONAL INSURED. FAILURE TO COMPLY WITH THESE PROVISIONS MAY RESULT IN REJECTION OF THE OFFEROR'S BID. ANNUAL RENEWAL CERTIFICATES MUST BE SUBMITTED TO THE AGENCY IDENTIFIED ON THE PURCHASE ORDER. FAILURE TO DO SO MAY BE GROUNDS FOR CANCELLATION OF CONTRACT.</p>				

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	<p>NOTE: IF THIS BID COVERS CONSTRUCTION, SCHOOL BUSING, HAZARDOUS WASTE, OR VESSEL OPERATION, APPLICABLE COVERAGES FROM THE FOLLOWING LIST MUST ALSO BE SUBMITTED TO THE DIVISION OF PURCHASES PRIOR TO AWARD:</p> <ul style="list-style-type: none"> * PROFESSIONAL LIABILITY INSURANCE (AKA ERRORS & OMISSIONS) - \$1 MILLION OR 5% OF ESTIMATED PROJECT COST, WHICHEVER IS GREATER. * BUILDER'S RISK INSURANCE - COVERAGE EQUAL TO FACE AMOUNT OF CONTRACT FOR CONSTRUCTION. * SCHOOL BUSING - AUTO LIABILITY COVERAGE IN THE AMOUNT OF \$5 MILLION. * ENVIRONMENTAL IMPAIRMENT (AKA POLLUTION CONTROL) - \$1 MILLION OR 5% OF FACE AMOUNT OF CONTRACT, WHICHEVER IS GREATER. * VESSEL OPERATION - (MARINE OR AIRCRAFT) - PROTECTION & INDEMNITY COVERAGE REQUIRED IN THE AMOUNT OF \$1 MILLION. 				

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Requisition Number(s): R14A067906

Item	Class-Item	Quantity	Unit	Unit Price	Total
1.0	910-36 TOTAL COST TO REMOVE THE OLD HEATING SYSTEM AND INSTALL A FULLY FUNCTIONAL HEATING SYSTEM CAPABLE OF PROVIDING ADEQUATE HEAT AND HOT WATER FOR THE COMMAND READINESS CENTER AT 645 NEW LONDON AVENUE, CRANSTON, RI 02920. THE WORK TO BE ACCOMPLISHED IN THIS PROJECT CONSISTS OF THE REMOVAL AND DISPOSAL OF THE TWO (2) EXISTING HOT WATER BOILERS AND BURNERS WITH ALL ASSOCIATED PIPING AND CONTROLS. THE INSTALLATION OF TWO (2) NEW BOILERS AND BURNERS WITH ALL ASSOCIATED PIPING AND CONTROLS. THE REMOVAL AND DISPOSAL OF EXISTING EXPANSION TANKS. THE INSTALLATION OF NEW EXPANSION TANKS. THE REMOVAL AND DISPOSAL OF THE HOT WATER HEAT EXCHANGER. THE INSTALLATION OF NEW HOT WATER HEAT EXCHANGER. THE EXISTING CIRCULATOR PUMPS WILL BE UTILIZED. THE WORK IS TO BE DONE AT THE COMMAND READINESS CENTER AT 645 NEW LONDON AVENUE, CRANSTON, RI 02920. CONTACT PERSON: CARL HYLLESTED (401) 275-4089	1.00	TOTAL		
				TOTAL:	

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STATEMENT OF WORK

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STATEMENT OF WORK

SW-1 SCOPE: The intent is to remove the old heating system and install a fully functional heating system capable of providing adequate heat and hot water for the Command Readiness Center. The work to be accomplished in this project consists of the removal and disposal of the 2 existing hot water boilers and burners with all associated piping and controls. The installation of 2 new boiler and burner with all associated piping and controls. The removal and disposal of existing expansion tanks. The installation of new expansion tanks. The removal and disposal of the hot water heat exchanger. The installation of new hot water heat exchanger. The existing circulator pumps will be utilized.

SW-2 LOCATION: Command Readiness Center, 645 New London Avenue, Cranston, Rhode Island.

SW-3 WORK TO BE ACCOMPLISHED:

Hot Water Boiler System Replacement

- a. Demolition and dispose of off-site four (2) existing hot water boilers.
- b. Demolition and dispose of off-site the existing PVC natural gas regulator vent piping.
- c. Supply and install four (2) hot water boiler and factory supply and return headers.
- d. Supply and install four(2) dual-fuel (i.e., natural gas and No.2 oil) burners
- e. Supply and install one (1) system controller
- f. Supply and install the necessary hot water pipe, fittings, etc. for a complete and operating hot water system.
- g. Supply and install the necessary natural gas and No.2 oil piping and tubing for compete and operating fuel supply systems.
- h. Supply and install the necessary feed-water make-up pipe, fittings, etc. for a complete and operating make-up water system.
- i. Supply and install the necessary natural gas regulator vent piping between each burner and the existing outside wall penetrations.
- j. Supply and install the necessary hot water pipe insulation for a completely insulated piping system.
- k. Supply and install the necessary exhaust gas pipe insulation for a completely insulated piping system.
- l. Supply and install the necessary temperature and pressure gauges for a complete and operating hot water System.
- m. Supply and install the necessary electrical conductors, conduits, fitting, etc for a complete and operating electric power supply system.
- n. Supply and install the necessary control conductors, conduits, fittings, etc. for a complete and operating communication control system
- o. All piping will indicate direction of flow (ie. supply and return) clearly with arrows

Hot Water Heat Exchanger Replacement

- a. Demolition and dispose of off-site one (1) potable hot water heat exchanger
- b. Supply and install one (1) potable hot water heat exchanger.
- c. Supply and install the necessary hot water pipe, fittings, etc. for a complete and operating hot water system.
- d. Supply and install the necessary potable hot water pipe, fittings, etc. for a complete and operating hot water system.

SW-4 TOURS OF JOB SITE: The job site will be inspected by all bidders on a set day and time, by the Construction Supervisor. For any questions on this matter contacting Mr. Carl Hyllested at 275-4089 or MAJ Sean McKiernan at 275-4664. Appointment will be coordinated at least one work day in advance.

SW-5 SPECIFICATIONS AND BIDDING DOCUMENTS: These specifications are available, along with the bid solicitation package, from the Office of Purchases, One Capitol Hill, Providence. Questions on the bidding documents should be referred to State Office of Purchases at 222-2142. Questions on the specifications should be referred to the Construction Supervisor's office at 275-4089.

SW-6 PERFORMANCE: Submission of a bid by a Contractor shall be accepted as prima facie evidence that he has examined the specifications and work site and has satisfied himself as to the nature and location of the work and all matters which can in any way affect the work or the cost thereof under this contract.

SW-7 SAFETY: The areas where the work is to be performed is in use at all times, therefore, the Contractor will protect his work to minimize any danger to the personnel assigned to these areas.

SW-8 WORKMANSHIP: All work shall be performed by qualified mechanics of the trades involved. All work shall be neat, trim, straight, and secure and finished in all details. Any existing work that is damaged will be repaired at no additional cost to the State.

SW-9 GUARANTEE: The Contractor shall guarantee all work for a period of one (1) year after acceptance.

SW-10 NOTIFICATION: The Construction Supervisor's office shall be notified when work is to begin and shall be kept informed of the Contractor's finished work schedule.

SW-11 APPROVAL OF MATERIAL: Specifications or manufacture's cuts of materials to be used on this project shall be submitted to the Construction Supervisor for approval prior to installation.

SW-12 STATE BUILDING CODE: This project is subject to the rules and regulations of the Rhode Island Building Commissioner and is subject to inspection by that officer. The Contractor will obtain if necessary, a building permit for this work from the Building Commissioner's office. A copy of this permit will be forwarded to the Construction Supervisor.

SW-13 BREACH OF CONTRACT: Notice is hereby given that the State will take appropriate legal, administrative, or contractual action to recover the cost of any damages that may result from the Contractor's failure to comply with the provisions of the contract, agreement, purchase order, etc.

SW-14 COMPLETION: This project shall be completed within **45** calendar days after the receipt of a purchase order. The indicated completion time is an estimate and should be adequate for this project to be completed. If any interested Contractor feels this is not adequate time to complete the project, the Construction Supervisor (see paragraph SW-5) is to be notified in writing. This notification is to be made in sufficient time so as an addendum can be issued and shall contain justification as to why additional time is necessary. The State reserves the right to accept or reject any requests for additional time. The State will attempt to notify each interested Contractor before the bid date. Once a purchase order is issued and a completion date established, the Contractor is expected to complete, or substantially complete, the project before that date. The decision on substantial completion will be made by the Construction Supervisor or other State representative.

SW-15 FEDERAL PROVISIONS: The following listed Federal Provisions are included as part of the project specifications.

- a. Termination for Convenience of the Government (Fixed Price)
- b. Default (Fixed Price Supply and Service)
- c. Default (Fixed Price Construction)
- d. Time Extensions
- e. Equal Opportunity
- f. Certification of Non segregated Facilities
- g. Anti-Kickback Procedures
- h. Compliance with Copeland Act Requirements
- i. Contract Works Hours and Safety Standards Act - Overtime Compensation
- j. Apprentices and Trainees
- k. Payrolls and Basic Records
- l. Withholding of Funds
- m. Subcontracts (Labor Standards)
- n. Contract Termination
- o. Disputes Concerning Labor Standards
- p. Maintenance of Records by the Contractor for a Period of Three Years
- q. State Energy Conservation Plan
- r. Changes
- s. Differing Site Conditions
- t. Suspension of Work
- u. Disputes
- v. Covenant Against Contingent Fees
- w. Gratuities
- x. Officials Not To Benefit
- y. Convict Labor
- z. Affirmative Action for Handicapped Workers
- aa. Service Contract Act of 1965; as amended
- bb. Termination for the Convenience of the Government-Construction
- cc. Clean Air and Water

The above provisions may be obtained by contacting the Office of the Construction Supervisor. Insert State in place of Government in all of the above clauses.

SW-16 PROGRESS PAYMENTS: Requests for progress payments will be accepted after thirty (30) days of work, and at similar intervals thereafter, until completion of the project. Requests will be reviewed by the Construction Supervisor. Payment will be made based on percentage of completion approved by the Construction Supervisor after deduction of 5% retainage. Decision of the Construction Supervisor will be final.

SW-17 ACCESS TO RECORDS: Access to Contractor's records, documents or banks must be provided to duly authorized representatives of the State, National Guard Bureau and the Comptroller General for the purpose of making an audit examination of excerpts and transactions.

SW-18 STATE PROVISIONS: In addition to these provisions, the Office of Purchases will issue other instructions that must be followed.

SW-19 MATERIALS: Unless specifically identified for reuse, all materials to be incorporated into the project shall be furnished and installed new by the Contractor. The Owner reserves the right to approve or disapprove the use of any existing materials by the Contractor. The Contractor assumes full responsibility for any and all assumptions made concerning the incorporation of existing materials in the new work.

SW-20 CONTRACT MODIFICATIONS AND CHANGE ORDERS: These specifications are considered complete and change orders are not anticipated; however, if a change order is necessary, the contractor agrees that payment for overhead, supervision, bond, profit, and other general expenses on extra work, shall not exceed the following percentage of cost basis.

- a. To the Contractor for work performed by his own forces - maximum ten percent (10%).
- b. To Subcontractors for work performed by his own forces - maximum ten percent (10%).
- c. To the Contractor or Subcontractor for work performed by his Subcontractors - maximum of Five percent (5%) of the cost, not including Subcontractor's overhead and profit.
- d. The State will pay a maximum of fifteen percent (15%) for one (1) Contractor and one (1) Subcontractor. The second, third, or more Subcontractors will not be compensated by the State.

SW-21 EQUAL OPPORTUNITY COMPLIANCE: State Equal Employment Opportunity Compliance Certificate and Agreement Procedures will apply to all awards for suppliers of services valued at \$10,000 and more. Minority Business Enterprise Policies and Procedures, including subcontracting opportunities as described in R.I.G.L. Title 37 14.1, also apply.

SW-22 GENERAL CONDITIONS: All work as listed and described in these specifications, is subject to the "General Conditions of Purchase" for the State of Rhode Island. Copies of these General Conditions may be obtained from the Office of Purchases.

SW-23 ALLOWANCE: Carry an allowance of \$5,000

TECHNICAL PROVISIONS

TP-1 SCOPE: The work covered in this section of the specifications consists of furnishing all plant, labor, supplies, equipment, supervision, and materials in the construction project. The intent is to have a fully functional heating system installed, operational and capable of serving the Command Readiness Center.

TP-2 SAMPLE SUBMITTALS: Representative sample submittals shall be made for all major items. Submittals shall include, but not be limited to:

- a. Physical samples of proposed materials
- b. Manufacturer's data sheets
- c. Color charts
- d. Testing reports/lab sheets

Sample materials shall be forwarded for review to the Construction Supervisor's office.

**Rhode Island Army National Guard
Schodfeild Armory
705 New London Avenue
Cranston, Rhode Island 02920-3097
ATTN: Facilities Management Office**

All material to be incorporated into this project is subject to review by the Construction Supervisor. All submittals will be submitted to allow for sufficient review prior to being installed by the Contractor. Any material installed by the Contractor that has not been submitted for review is subject to removal from the project at the direction of the Construction Supervisor at no cost to the Owner. Submittals are to be forwarded as not to delay the progress of the project. The Owner will not be held liable or responsible for delays resulting from the review of material samples. Any information required on any proposed material or

system to be used on this project will be provided by the Contractor. The Contractor shall provide a list of submittals for review to the Construction Supervisor prior to the individual submittals.

TP-3 CONSTRUCTION SCHEDULES: The Contractor is responsible for developing and submitting a project schedule to the Construction Supervisor's office for review prior to the start of construction and within ten working days after the award of the project purchase order. The Contractor shall also submit daily work progress reports to the Construction Supervisor. These reports shall reflect all the activity that took place on the given day.

TP-4 APPLICATION FOR PAYMENT: The Contractor shall submit all applications for payment on AIA documents G702 and G703. Prior to submission of the first payment application the Contractor shall submit a schedule of values for review and approval. No application will be processed until an approved schedule of values is on file. The Contractor will request a Release of Claims form prior to the submission of a final payment application. A completed Release of Claims form must accompany the final request for payment to prevent delay.

TP-5 OPERATION MANUAL: The Contractor will provide O&M manuals, three minimum, for any system installed which requires maintenance and operation by the Owner, and as deemed necessary by the Construction Supervisor. As a minimum, the manual will be indexed accordingly in a three-ring, rigid binder.

TP-6 DEMOLITION SITE WORK: Remove and dispose of, off site, the existing boilers and associated piping and controls, the existing gas burners and associated piping and controls, the existing heat exchanger and associated piping.

TP-7 NEW MAJOR COMPONENTS:

- a. Furnish and install 2 new gas/oil fired boilers sized to the existing boiler capable of providing sufficient, balanced and uniform distribution of heat through out the building.
- b. Furnish and install 2 new duel fuel fired burner sized to the existing boiler and capable of providing the energy to efficiently and effectively supply the boiler with heat.
- c. Furnish and install new potable hot water heat exchanger sized to the existing exchanger capable of providing sufficient hot water through out the building.
- d. Furnish and install all associated piping, controls and telemetry required to operate the boilers, burners, and exchanger.
- e. Furnish and install a new ventilation louver to ensure proper venting of the boiler room.
- f. Provide and install all associated piping and controls required for a complete and operational heating system.

TP-8 EXISTING COMPONENTS:

- a. Two Taco circulator pump with associated piping and controls.
- b. Four Hydro Therm boilers all associated piping and controls.
- c. Four gas/No.2 oil fired burners.
- d. Two expansion tanks with all associated piping and controls.
- e. One Hydro Therm heat exchanger with associated piping and controls.

TP-9 FINAL ACCEPTANCE: The Owner will inspect all components prior to final acceptance and note any deficiencies found so the Contractor can rework them. The Contractor will provide a hands-on demonstration and lesson on how to control and maintain the new systems.

TP-10 PRE-CONSTRUCTION MEETING: A pre-construction meeting shall be held between the Contractor and Construction Supervisor to verify pre-construction plans, and confirm that notifications of appropriate authorities have been, or will be made. At the pre-construction meeting the Contractor shall provide the Construction Supervisor with a draft emergency response plan, a sequence of proposed operations and a list of agencies notified, or to be notified, and any licenses required to perform the work.

TP-11 EMERGENCY RESPONSE PLAN: The Contractor shall prepare an emergency response plan. The emergency response plan shall include spill prevention measures, health and safety measures, which consider the nature of the hazards involved in operations to remove gasoline handling equipment, designation of, and duties for, emergency response personnel, telephone numbers of emergency response personnel, and evidence of coordination with police, fire, and emergency medical facilities in the area. A draft plan shall be provided to the Construction Supervisor, the RIDEM Underground Storage Tank Section, and the local official. Acknowledgment and approval of the plan by these officials shall be requested by the Contractor. No work shall begin until all required approvals are received.