



Request for Quote

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

BUYER: Ohara 2nd, John F
 PHONE #: 401-222-2142

CREATION DATE : 05-DEC-06
 BID NUMBER: 7002772,1
 TITLE: APC Rack & Environmental Control-DOA

 BID CLOSING DATE AND TIME:
 29-DEC-2006 02:00:00

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DOA-OLIS-INFORMATION PROCESSING
ONE CAPITOL HILL, 2ND FLOOR
PROVIDENCE, RI 02908
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DOA-OLIS-INFORMATION PROCESSING
ONE CAPITOL HILL, 2ND FLOOR
PROVIDENCE, RI 02908
US

Requisition Number: 1016626

| Line | Description | Quantity | Unit | Unit Price | Total |
|------|--|----------|------|------------|-------|
| 1 | <p>Note to Bidders: Due to conflict here in the Division of Purchases the Bid Closing Time needs to be changed: From: December 29, 2006 at 1:40 PM To: December 29, 2006 at 2:00 PM</p> <p>Agency Contact: Thomas O'Donnell (401) 462-4701</p> <p>There will be a Pre-Bid Conference held on: December 15, 2006 at 10:00 AM Dept of Administration Meet in the Lobby 1 Capitol Hill Providence, RI 02908</p> <p>TOTAL COST TO FURNISH AND INSTALL APC SOLUTION PURCHASE CHILLER, IN-LINE A/C AND COOLING RACKS FOR DOA COMPUTER ROOM ONE CAPITOL HILL</p> <p>Line Note to Bidders: 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> <p>STARTING DATE _____ NO. OF WORKING DAYS REQUIRED FOR COMPLETION _____</p> | 1 | Each | | |

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

(To match Phase I of this project, equipment must come from below, and be specific solution # referenced)

American Power Conversion Corporation (APC)

Solution #: ISX373078-036

This solution contains the area(s) listed below:

RPP, 11 Racks, 40kW IR, ISX Manager - InfraStruXure Designer

Area Description

New APC Racks/Enclosures: (11) - NetShelter SX Enclosure

Existing Racks/Enclosures: None Configured

Power

Genset: No

ATS Distribution Panel: No

Zone Z1

Type: SYM3P60KW

System Redundancy: N

Battery Runtime: 0 Hrs. 0 Mins.

Input Voltage: 208V

Cooling

Precision Cooling Units: (1) - InfraStruXure IR40

Management

Management solutions: (2) - Environmental Monitoring Unit

(1) - InfraStruXure Manager Appliance, 50 Node

Services

Startup Service: Start-Up Service included for all ISX Components

Assembly Services: , PDU, APC Racks

Onsite Service: (3) Years of Next Business Day Response On-Site Service for the following components: , PDU, ISX Cooling System

Preventive Maintenance Visits: (3) Years of PM for: ISX Components, ISX Cooling System, ISX Power Generator, and ISX ATS.

Professional Services: (1) - Professional Service

(1) - Professional Cable Management Service

Factory Warranty:

RPP, 11 Racks, 40kW IR, ISX Manager has a three-year Factory Warranty



Area messages:

Area 3

- Provide all required labor and materials for water piping between the indoor unit and packaged chiller with schedule 80 PVC piping, including stubs and valves for future unit, if necessary. Provide necessary rigging to set indoor unit, packaged chiller and storage tank in place. Provide and install (1) concrete pad approx. 10' x 6' adjacent to generator pad. Provide and install additional fencing, if required, to match existing fence around generator. Provide required wiring to power indoor unit, outdoor chiller, controls and EPO switch. Provide excavating, if necessary, for outside pipe and electrical including backfilling and reseeded. Provide required core drilling, if necessary. Insulate all new piping, if necessary, with 1 1/2" fiberglass insulation

INSTALLATION ASSUMPTIONS

- * Installation of equipment to occur during normal business hours - after hours labor is included for downtime where required.
- * Equipment installed on ground floor or elevator rated for weight capacity of equipment, and standard dock access.
- * If union labor or Davis Bacon wage scale is required extra labor charges will apply.
- * Adequate space is available to complete the work required.
- * All work to be installed as per NEC, State, and local codes and manufacturers specifications.
- * Adequate ampacity and circuit breaker space available in existing panel to supply input feeder.
- * Modifications to correct existing code/building violations or upgrade of electrical systems to comply with State or City codes expressly excluded.

NOT INCLUDED UNLESS SPECIFIED

- * Cable Tray * Improvement to building grounding system
- * Firewall Penetrations * Underground trenching or boring

| Qty | Item | Description |
|-----|------------------------|--|
| | | Area name: Area 2 |
| | | Additional Parts and Accessories |
| | | Equipment |
| 3 | AP9564 | Rack PDU, Basic, 1U, 20A, 120V, (10)5-20; L5-20P |
| 1 | AP9883 | Adapter, 60A, 120V, L21-20 to (3)L5-20 |
| 1 | AR8164ABLK | Data Cable Ladder 6" (15cm) wide w/ Bracket Kit |
| 1 | AR8165ABLK | Power Cable Ladder 12" (30cm) wide w/ Bracket Kit |
| 11 | AR8161ABLK | NetShelter Shielding Trough 600mm wide Black |
| 11 | AR8162ABLK | Shielding Partition Solid 600mm wide Black |
| 11 | AR8163ABLK | Shielding Partition Pass-through 600mm wide Black |
| 2 | 0M-3841 | SUB ASSY ADAPTER 3P PLUG IN T1 BREAKER |
| 2 | 0M-3823 | ASSY TESTED CB 3PH 480V ABB T1 30A |
| 1 | 0M-3829 | ASSY TESTED CB 3PH 480V ABB T1 80A |
| 1 | ACCH084G-AKA-D03S | Air Cooled Chiller 84kW, 460-480V/60hz, R22, 3HP Pump, single feed |
| 1 | ACTA1101 | Storage Tank, Chilled water, 150 gal / 567 liters |
| | | Service |
| 1 | WSTRTUP7X24M-AX-51 | Start Up Service, Air Cooled Chiller 50-84 kW, with Modbus |
| 1 | WPKONSITENBD-AX-00 | (1) Year On-Site Next Business Day Response Service Package Upgrade covering 1st year of ownership |
| | | Area name: RPP, 11 Racks, 40kW IR, ISX Manager |
| | | InfraStruXure Designer |
| | | Equipment |
| 1 | PSX-PDU120V | 120 V TYPE PDU |
| 1 | ELECTRICAL SYSTEM 120V | ELECTRICAL SYSTEM 120V |

| | | |
|----|--|---|
| 1 | 0G-PDRPPNX10 | Type C PDU 208V Input |
| 1 | DISTRIBUTION BREAKERS 120V TYPE & AMP OF DISTRIBUTION CKT BRKS | |
| 12 | 0M-4264 | 3-Pole, 20A Bolt-On Square D Breaker |
| 1 | 0M-4265 | 1-Pole, 20A Bolt-On Square D Breaker |
| 4 | 0M-2299 | S/A CKT BRKR 2P 30A 10K UL |
| 39 | 0M-0218 | S/A BLANK PNL 1P CKTBRK NAM PSX-PDU |
| 1 | DISTRIBUTION CORDSETS 120V OVERHEAD DISTRIBUTION CORDSETS | |
| 1 | 0M-5350-009 | TC 5WIRE W/L21-20 9FOOT |
| 2 | 0M-5350-011 | TC 5WIRE W/L21-20 11FOOT |
| 1 | 0M-5350-013 | TC 5WIRE W/L21-20 13FOOT |
| 1 | 0M-5350-015 | TC 5WIRE W/L21-20 15FOOT |
| 1 | 0M-5350-017 | TC 5WIRE W/L21-20 17FOOT |
| 1 | 0M-5350-019 | TC 5WIRE W/L21-20 19FOOT |
| 2 | 0M-5350-021 | TC 5WIRE W/L21-20 21FOOT |
| 1 | 0M-5350-023 | TC 5WIRE W/L21-20 23FOOT |
| 1 | 0M-5350-025 | TC 5WIRE W/L21-20 25FOOT |
| 1 | 0M-5350-027 | TC 5WIRE W/L21-20 27FOOT |
| 2 | 0M-5359-021 | TC 3WIRE W/L6-30 21 FOOT |
| 2 | 0M-5359-031 | TC 3WIRE W/L6-30 31 FOOT |
| 1 | INSTRUMENTATION 120V INSTRUMENTATION OPTIONS | |
| 1 | AR8108BLK | 1U Blanking Panel Kit 19" Black |
| 1 | OPTIONS & ACCESSORIES 120V OPTIONS AND ACCESSORIES | |
| 1 | 0G-PSX-C-UM-EN | InfraStruXure Type C Distribution User Manual |
| 1 | RACK COLOR RACK COLOR | |
| 1 | 0M-1699 | KIT PSX-PDU TYPE C BLACK EXTERIOR |
| 1 | IR40-CDA-ESA | NetworkAIR IR 40 kW Chilled Water 480V/480V |
| 1 | ACAC74450 | PIPING, FM CW TOP PLUMB |
| 2 | ACPL74302 | FM-PLENUM,DUCT EXTENSION FM 40 ISX |
| 11 | AR3100 | NetShelter SX 42U 600mm Wide x 1070mm Deep Enclosure with Sides Black |
| 11 | AP7862 | Rack PDU, Metered, Zero U, 5.7kW, 120V, (42)5-20 |
| 2 | AP7864 | Rack PDU, Metered, ZeroU, 5.7kW, 208V, (36)C13 & (6)C19 |
| 11 | AP9335T | APC Temperature Sensor |
| 9 | AP9335TH | APC Temperature & Humidity Sensor |
| 6 | AP9224110 | APC 24 Port 10/100 Ethernet Switch |
| 11 | AR7203 | Roof Match Kit for SX to VX, 600mm |
| 17 | AR8136BLK | 1U 19" Black Modular Toolless Blanking Panel - Qty 10 |
| 2 | EPW9 | Emergency Power Off (EPO) |
| 2 | AR8164ABLK | Data Cable Ladder 6" (15cm) wide w/ Bracket Kit |
| 2 | AR8165ABLK | Power Cable Ladder 12" (30cm) wide w/ Bracket Kit |
| 1 | AR8160ABLK | PDU Shielding Trough 600mm wide Black |
| 2 | AR8163ABLK | Shielding Partition Pass-through 600mm wide Black |
| 2 | AP9340 | APC Environmental Manager |
| 9 | AP9341 | APC Temperature & Humidity Expansion Module |
| 1 | AP92200 | InfraStruXure® Manager Server, Hardware & Software Only |
| 2 | AP9430 | InfraStruXure® Manager, 25 Node License Only |
| 9 | 3827GY-5 | APC CATEGORY 5 UTP 568B PATCH CABLE, GREY, RJ45M/RJ45M |
| 6 | 3827GY-10 | APC CATEGORY 5 UTP 568B PATCH CABLE, GREY, RJ45M/RJ45M |
| 4 | 3827GY-15 | APC CATEGORY 5 UTP 568B PATCH CABLE, GREY, RJ45M/RJ45M |

| | | |
|---|-----------|--|
| 6 | 3827GY-20 | APC CATEGORY 5 UTP 568B PATCH CABLE, GREY, RJ45M/RJ45M |
| 5 | 3827GY-25 | APC CATEGORY 5 UTP 568B PATCH CABLE, GREY, RJ45M/RJ45M |
| 4 | 47136WH | APC CAT 5 INLINE COUPLER, RJ45 FEMALE TO FEMALE, STRAIGHT THROUGH, WHITE |
| 1 | AP9224110 | APC 24 Port 10/100 Ethernet Switch |
| 1 | AR8429 | 1U Cable Pass-Thru w/ Brush Strip Black |

Service

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|----|--------------------|--|
| 1 | WSTRTUP7X24-PD-50 | Start-Up Service 7x24 for PDU |
| 1 | WASSEMUPS-PX-21 | Scheduled Assembly Service for Symmetra PX 20/40KW UPS and/or PDU |
| 4 | WASSEM1-3R-PX-10 | InfraStruXure® Assembly Services |
| 1 | WPKONSITENBD-PX-21 | (1) Year On-Site Next Business Day Response Service Package Upgrade covering 1st year of ownership |
| 1 | WPKONSITENBD-AX-00 | (1) Year On-Site Next Business Day Response Service Package Upgrade covering 1st year of ownership |
| 2 | WUPGONSITEFW-PX-21 | (1 Year) Next Business Day On-site Service Factory Warranty Upgrade |
| 2 | WUPGONSITEFW-AX-00 | NBD On-Site Service Upgrade to Factory Warranty |
| 2 | WPMV7X24-PX-21 | (1) Preventive Maintenance Visit 7X24 for (1) Symmetra PX 40kW UPS and/or PDU |
| 3 | WSPMV7X24-AX-22 | Semi-Annual Preventative Maintenance 7X24 for NetworkAIR CW 28-87 kW |
| 1 | WITG | Software Integration Service |
| 75 | WITSC | WITSC - Server Migration and Cable Management |

**Area name: Area 3
Custom Solution
Equipment**

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|---|------|--------------------|
| 1 | WPRJ | Project Management |
|---|------|--------------------|

VENDOR IS RESPONSIBLE TO PULL ANY PERMITS NECESSARY TO COMPLETE PROJECT.

VENODR IS TO ENSURE THAT ALL EQUIPMENT INSTALLATION MEETS FINAL INSPECTION BY THE STATE'S ELECTRICAL INSPECTOR.

VENDOR IS RESPONSIBLE TO CORRECT ANY DEFICIENCIES FOUND.



Contract Terms and Conditions

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Terms and Conditions

BID STANDARD TERMS AND CONDITIONS

TERMS AND CONDITIONS FOR THIS BID

SURETY REQUIREMENTS

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.

WAGE REQUIREMENTS

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.

INSPECTION REQUIREMENTS

BIDDERS ARE RESPONSIBLE FOR INSPECTION OF EQUIPMENT AND/OR LOCATION, TAKING MEASUREMENTS* WHEN REQUIRED, AND MAKING THEMSELVES AWARE OF THE TOTAL REQUIREMENT BEFORE SUBMITTING A BID. *MEASUREMENTS PROVIDED WITH ANY BID ARE FOR REFERENCE PURPOSES AND ARE NOT GUARANTEED TO BE COMPLETELY ACCURATE.

INSURANCE REQUIREMENTS

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.

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: * 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.

RIVIP INFO - BID SUBMISSION REQUIREMENTS

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.

VENDOR SPECIFICATIONS

ALL VENDORS MUST INCLUDE SPECIFICATIONS WITH BID PROPOSAL (EVEN THOSE BIDDING BRAND SPECIFIED). FAILURE TO SUBMIT SPECIFICATIONS WITH BID PROPOSAL MAY RESULT IN DISQUALIFICATION OF BID. ITEMS IN CATALOGS MUST BE CLEARLY MARKED AND PAGES TABBED.

START DATE

STARTING DATE _____ NO. OF WORKING DAYS REQUIRED FOR COMPLETION
