REQUEST FOR QUOTATION

Contact person/Telephone  
Larry Waxman/212-435-4639

Deliver Goods/Services To:  
Laguardia Airport  
Bldg 2B Hangar 7 - Stockroom  
Jackson Heights NY 11371

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
<th>Unit Price</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOAD BANK INCLUDING NEPTUNE TRAILER MOUNTED, MANUFACTURED BY SIMPLEX OR APPROVED EQUAL. FURNISH AND DELIVER.</td>
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<td>QUOTE FOB DELIVERED PRICING ON ALL ITEMS.</td>
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<td>IN THE EVENT OF AN ORDER ADVISE DELIVERY:</td>
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<td>IN _______ DAYS A.R.O.</td>
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<td>WITH BID RESPONSE ADVISE EQUIPMENT TO BE OFFERED:</td>
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<td>MANUFACTURER:______________</td>
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<td>PLANT LOCATION:____________</td>
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<td>MAKE/MODEL/PART NUMBER:____________</td>
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<tr>
<td>BIDDERS ARE TO INCLUDE WITH ITS BID RESPONSE TWO COPIES OF CATALOG CUTS/SPECIFICATIONS/DRAWINGS FOR PORT AUTHORITY REVIEW AND APPROVAL.</td>
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<tr>
<td>PLEASE FOLLOW RETURN TO BID INSTRUCTIONS.</td>
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<tr>
<td>REPLY ONLY ON P.A./PATH REQUEST FOR QUOTATION FORM AS ATTACHING YOUR COMPANY’S TERMS &amp; CONDITIONS MAY CAUSE YOUR BID TO BE DEEMED NON RESPONSIVE AND OR DELAY AN AWARD ISSUED.</td>
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</table>

PLEASE QUOTE FULLY DELIVERED PRICES

PAYMENT TERMS

Total Delivered Price

This Quotation is subject to the terms and conditions set forth on the back page hereof. Bidder is advised to read these before signing.

Signed__________________________  
Firm Name__________________________  
Telephone number____________________  
Fax Number__________________________  
Federal Taxpayer ID____________________

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Date__________________________
# REQUEST FOR QUOTATION

**Bid Due Date**

06/16/2015

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<tr>
<td></td>
<td>A price preference of 10% is available for NY/NJ Minority and Women Business Enterprises (MWBE) or 5% for NY/NJ Small Business Enterprises (SBE) certified by the Port Authority (PA) by the day before bid opening for awards not exceeding $1,000,000. My firm was certified as a</td>
<td></td>
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<td>QUESTIONS ONLY CONTACT:</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>LARRY WAXMAN</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TEL: 212 435 4639 OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>FAX 212 435 4695 OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>EMAIL: <a href="mailto:Lwaxman@panynj.gov">Lwaxman@panynj.gov</a></td>
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<tr>
<td></td>
<td>This is a Formal Bid Invitation Mail Sealed Bids to:</td>
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<td>The Port Authority of NY &amp; NJ Attn: Bid Custodian Procurement Department</td>
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<td></td>
<td>4 World Trade center 150 Greenwich Street, 21st Floor New York, NY 10007</td>
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<td>by the date and time listed above, where it will be publicly opened and read.</td>
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<td></td>
<td>Bids are only accepted Monday through Friday, excluding Port Authority holidays, between the hours of 8 A.M. &amp; 5 P.M., via regular mail, express delivery service or hand delivery.</td>
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<td></td>
<td>If you do not use or have an envelope provided, you must clearly mark the outside envelope/package with 'BID ENCLOSED' and show the company name, address, as well as Bid number and Due date as stated on this bid document.</td>
<td></td>
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<td></td>
<td>A valid photo id is required to gain access into the building, to attend the bid opening or hand deliver a bid.</td>
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PLEASE QUOTE FULLY DELIVERED PRICES

PAYMENT TERMS

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Bidder
Firm Name ___________________________
Telephone number ____________________ Date ___________________________
Fax Number ___________________________
Federal Taxpayer ID ____________________
## REQUEST FOR QUOTATION

**Quantity** | **Description** | **Unit Price** | **Total**
--- | --- | --- | ---
1 EA | DM0400010 LOAD BANK INCLUDING NEPTUNE TRAILER MOUNTED, MANUFACTURED BY SIMPLEX OR APPROVED EQUAL. |  |  

**Operational Ratings and Limitations as follows:**

- **Capacity:** 650 KW, 1.0 power factor at 240/480V, 3-phase
  - 488 KW at 208/416V, 3-phase
  - 433 KW at 240V, single-phase
- **Frequency:** 60 hertz
- **Load steps:** 5 KW step resolution
- **Duty cycle:** Continuous
- **Ambient temp.:** 120°F max.
- **Exhaust rise:** 290°F max.
- **Airflow req’d:** 10,400CFM
- **Control power:** 230/460V-3-60Hz. Selectable internal/external fan/control. Note: Fan motor requires 3-phase voltage. Internal, dual voltage 230/460V, 3-phase, 60 hertz, 190/380V, 50 hertz. External Control power: 230/460V, 60/30A, 3-phase. Control circuits at 120V via transformer. The cooling fan operates from line voltage. Load control circuits and fan motor control operate at 120V. Control circuits are fused. Control circuit fuses are 100,000 A.I.C. current limiting type, 600V rated.

**Principle Systems and Components as follows:**
The load bank is a completely self-contained, trailer mounted unit which includes all resistive load elements, load control circuits, and all necessary auxiliaries.

**PAYMENT TERMS**

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<td></td>
<td>devices, load element branch circuit fuse protection, main load bus and terminals, cooling system, control power supply, unit controller and malfunction detection system and an environmental type 3R enclosure.</td>
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<td></td>
<td>Load elements: Simplex Powr Web: Open wire, helically wound, chromium alloy, thermally de-rated to 60%. 5% tolerance, 2% balance. 995 p.f. Element wire mechanically supported over entire length such that if a wire should break, the broken wire segments will not short to adjacent conductors or to ground.</td>
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</table>
|          | Load control: Branch circuit contactors, each step or each 50 KW circuit maximum. Contactors to have enclosed silver surfaced contacts, 120V coils; electrically operated and electrically held. Dual voltage reconnection via contactors. Element circuit protection: Dual voltage branch circuit fuses, each step or each branch circuit, 200kAIC, current limiting type.  
- Power wiring: 150°C insulated; color-coded  
- Control wiring: 105°C  
- Cooling: Forced air, vertical airflow, top exhaust. 5HP 3-phase, dual voltage TEFC motor driving cast aluminum fan blade. Circuit breaker combination motor starter. System protection: Fan failure, high exhaust temp, hi intake temperature; overvoltage; lockout and alarm.  
- System connection: The Neptune load module is cable connected to bus bars within the control cabinet section. At this point, current transformers sense total system current.                                                                 |            |       |

**PAYMENT TERMS**

Total Delivered Price

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<td></td>
<td>From the bus bars, individual wire connections are made to Cam-Lok type connector plugs mounted on the side of the control cabinet enclosure. Five (5) connectors per phase and two (2) ground connectors are provided. Cam-Lok type connectors are rated 400A each and are supplied with snap back metal covers. Phases are colored red-black-blue; ground is green. Mating female plugs are included for installation on customer-supplied cable. Enclosure: Type 3R control section; Type 3R power section. Dimensions: 38.5&quot;W x 70&quot;H (130&quot; with hatch open) x 72&quot;D (trailer length approx. 145&quot;). All panels for access to serviceable components are hinged doors with stainless steel hinges and lockable latches. All exterior fasteners to be stainless steel. The load bank enclosure shall be of double wall construction for cool exterior and thermal isolation of the load elements. Cooling airflow through the enclosure shall be vertical with cold air intake at the bottom and hot air exhaust out the top. Intake and exhaust openings shall be screened. A manually operated hatch is provided that must be kept closed during storage and transportation. A limit switch is provided to ensure load bank is inoperable unless hatch is open. Exhaust shall be straight up. Digital Controller PLC based with 4-inch color TFT touchscreen with programmable softkeys (HMI). Unit mounted (local) control, installed behind weatherproof cover.</td>
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<tbody>
<tr>
<td></td>
<td>Includes:</td>
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<td></td>
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<tr>
<td></td>
<td>1. Power supply for PLC / screen, 24vDC</td>
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<td></td>
<td>2. Malfunction detection/auto disconnect system. Monitors airflow pressure</td>
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<td></td>
<td>differential switch, temperature sensing thermocouples and fan motor</td>
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<td></td>
<td>overload relay. Display air temperatures on screens. Allows operator</td>
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<td></td>
<td>programming of temperature setpoints. Allows for failure sensing time</td>
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<td></td>
<td>delays. Displays alarm messages.</td>
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<td>4. Remote load dump circuit to allow use of remote dry contacts (close to</td>
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<td></td>
<td>run) to trip load bank off line.</td>
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<td></td>
<td>5. Auxiliary dry contacts to indicate &quot;normal operation&quot;/&quot;system failure&quot;</td>
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<td></td>
<td>6. HMI functions, including:</td>
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<tr>
<td></td>
<td>a. Control Power On - Off buttons (starts/stops cooling fan)</td>
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<td></td>
<td>b. Bypass switch to override remote load dump</td>
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<td></td>
<td>c. Load application buttons: mimics traditional switches</td>
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<td></td>
<td>d. Direct entry load application: keypad to enter direct values, apply and</td>
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<td></td>
<td>remove pushbuttons. Displays load programmed and load applied. Allows direct</td>
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<td></td>
<td>transition from preset to preset.</td>
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<td></td>
<td>7. HMI messages including:</td>
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<tr>
<td></td>
<td>a. Control Power On/Off</td>
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<td></td>
<td>b. Manual mode</td>
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<td></td>
<td>c. Load dump: normal/bypass</td>
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<td></td>
<td>d. Normal operation</td>
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<td></td>
<td>e. High exhaust temp with numeric display</td>
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<td></td>
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<tr>
<td></td>
<td>f. High intake temp with numeric display</td>
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<tr>
<td></td>
<td>g. Airflow failure</td>
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<td></td>
<td>h. Fan motor overload</td>
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<tbody>
<tr>
<td>i.</td>
<td>Master load on</td>
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<tr>
<td>j.</td>
<td>Load step on (one for each load step)</td>
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**Trailer**

The Neptune load bank is installed on an extra heavy duty, single axle trailer as follows:

- **Construction:** Structural steel chassis, steel deck, all welded, DOT specification
- **Capacity:** Approx. 7,500 pounds
- **Axles:** Single
- **Hitch:** 3" pintle ring or 2-5/16" ball hitch (specify ONE at time of order)
- **Tires:** Two (2), trailer grade
- **Brakes:** 12V Electric
- **Features:** Safety chains, DOT lighting with connector, reflectors, rear stabilizers, front lift jack
- **Painted:** Industrial gray

**Trailer Documentation**

The vendor must provide a Certificate of Origin upon delivery of the trailer.

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---
TERMS AND CONDITIONS

1. The Port Authority (PA) reserves the right to request information relating to seller's responsibility, experience and capability to perform the work.
2. Unless otherwise provided, complete shipment of all items must be in one delivery FOB delivery point. Payment will not be made on partial deliveries unless authorized in advance by the party to be charged and the discount, if any, will be taken on the total order.
3. PA payment terms are net 30 days. Cash discounts for prompt payment of invoices may be taken but will not be considered in determining award, except in the case of tie bids.
4. Separate unit and total FOB delivered prices must be shown.
5. Sales to the PA and to PATH are currently exempt from New York and New Jersey State and local taxes and generally from federal taxation. The seller certifies that there are no federal, state, municipal or any other taxes included in the prices shown hereon.
6. The PA shall have the absolute right to reject any or all proposals or to accept any proposal in whole or part and to waive defects in proposals.
7. Unless the phrase "no substitute" is indicated, bidder may offer alternate manufacturer / brands, which shall be subject to Port Authority approval. Please indicate details of product being offered with bid.
8. Acceptance of seller's offer will be only by Purchase Order Form signed by the PA. No change shall be made in the agreement except in writing.
9. If the seller fails to perform in accordance with the terms of this purchase order, the PA may obtain the goods or services from another contractor and charge the seller the difference in price, if any, a reletting cost of $100, plus any other damages to the PA.
10. Upon request, sellers are encouraged to extend the terms and conditions of any terms agreement with the PA to other government and quasi-government entities by separate agreement.
11. By signing this quotation or bid, the seller certifies to all statements on Form PA 3764A regarding non-collusive bidding; compliance with the PA Code of Ethics; and the existence of investigations, indictments, convictions, suspensions, terminations, debarments and other stated occurrences to assist the PA in determining whether there are integrity issues which would prevent award of the contract to the seller. The PA has adopted a policy set forth in full on PA 3764A, that it will honor a determination by an agency of the State of New York or New Jersey that a bidder is not eligible to bid on or be awarded public contracts because the bidder has been determined to have engaged in illegal or dishonest conduct or to have violated prevailing wage legislation. The Terms and Conditions of PA 3764A apply to this order. A copy can be obtained by calling (212) 435-4600 or at http://www.panynj.gov/business-opportunities/become-vendor.html
12. The vendor may subcontract the services or use a supplier for the furnishing of materials required hereunder to such persons or entities as the Manager, Purchasing Services may from time to time expressly approve in writing. All further subcontracting shall also be subject to such approval.
13. The successful bidder (vendor) shall not issue nor permit to be issued any press release, advertisement, or literature of any kind, which refers to the Port Authority or that goods will be, are being or have been provided to it and/or that services will be, are being or have been performed for it in connection with this Agreement, unless the vendor first obtains the written approval of the Port Authority. Such approval may be withheld if for any reason the Port Authority believes that the publication of such information would be harmful to the public interest or is in any way undesirable.
14. Neither the Commissioners of the Port Authority, nor Directors of PATH, nor any of them, nor any officer, agent or employee thereof, shall be charged personally by the Contractor with any liability, or held personally liable to the Contractor under any term or provision of this Agreement, or because of its execution or attempted execution, or because of any breach, or attempted or alleged breach, thereof.