

**Specifications
Auxiliary Output Generator
NB688000-16-00912**

BACKGROUND

A new project is being initiated to generate a composite output from an ensemble of atomic clocks. The device that is used to adjust phase and frequency outputs, from measurement results from all of the clocks, is an output generator.

PURPOSE

The Time and Frequency Division (div. 688), a division within the National Institute of Standards and Technology (NIST) require an output generator for the final stage of the hardware.

DELIVERABLES

The Contractor shall deliver one rack-mount Auxiliary Output Generator with the required inputs and outputs.

TECHNICAL SPECIFICATIONS:

- 1 PPS and 5 MHz outputs.
- 1 ps or better phase offset resolution.
- 5 E-19 or better frequency offset resolution.
- RS-232 interface for steering.

TECHNICAL CONSIDERATIONS

Must accept 5 MHz input.

DELIVERABLE SCHEDULE

The contractor shall deliver no later than twelve (12) weeks after receipt of order.

INSPECTION AND ACCEPTANCE

The acceptable generator shall meet all technical specifications.

Good Morning,

Please acknowledge receipt of this Request for Quote (RFQ). Please indicate via email if you decline to provide a quote.

The National Institute of Standards and Technology (NIST) has a requirement for an Auxiliary Output Generator.

NIST reserves the right to use their own UPS shipping account code. Please do not include shipping charges on your quote.

Attached is the Specifications for solicitation # NB688000-16-00912. Please submit a quote for the Auxiliary Output Generator that meets the requirement(s).

This RFQ is conducted under the authority of FAR 13 Simplified Acquisitions with NAICS code 334515, having a Small Business Size Standard of 500 employees. This is a total small business set aside.

All communications and documents must include the solicitation # NB688000-16-00912. Please email your quote to me at marc.zurasky@nist.gov.

This solicitation shall close on Friday January 08, 2016 at 05:00 pm Mountain. Your quote must meet all of the requirements of FAR 52.212-1, as well as include the following information:

- Information sufficient to demonstrate you can meet or exceed the requirements in the specifications.
- Firm fixed price quote for the Auxiliary Output Generator.
- Payment Terms: Net 30.
- The requested delivery is 12 weeks after receipt of the order (ARO). FOB Destination for delivery to NIST, 325 Broadway. Boulder, CO 80305. Delivery point of contact will be provided upon award.
- Company DUNS No. In order to be eligible for this award, the offeror must be registered with the System for Award Management at www.sam.gov., and have completed the Representations and Certifications therein.

The provision at FAR 52.212-1, Instructions to Offerors—Commercial, applies to this acquisition. Offeror shall clearly demonstrate their ability to meet the technical requirements and deliverable schedule as outlined in this solicitation. Quote shall include shipping cost. NIST reserves the right to ship under NIST provided account.

BASIS OF AWARD:

Award shall be made to the Lowest Price Technically Acceptable (LPTA) quote, based upon the technical specifications as detailed within the attached statement of work. This will be a firm fixed price purchase order.

TECHNICAL CAPABILITY:

Evaluation of Technical Capability will be based on the information provided in the quotation. Documentation submitted in the quotation shall be evaluated to determine that the proposed equipment meets or exceeds the Government's minimum required specifications. Failure to clearly and unambiguously demonstrate this will result in an "unacceptable" technical rating.

PRICE:

Price shall be evaluated for reasonableness.

FAR 52.212-2, Evaluation - Commercial Items, applies to this acquisition. The Government will award a fixed price contract to the Lowest Price Technically Acceptable (LPTA) quote, based upon the technical specifications as detailed within the attached statement of work.

FAR 52.212-3, Offeror Representations and Certifications -- Commercial Items. The offeror must have completed the Online Representations and Certifications Application (ORCA), which must be uploaded to the System for Award Management (SAM) at www.sam.gov.

FAR 52.212-4, Contract Terms and Conditions -- Commercial Items, applies to this acquisition.

FAR 52.212-5, Contract Terms and Conditions Required To Implement Statutes or Executive Orders -- Commercial Items applies to this acquisition. Additional FAR 52.212-5 clauses cited in the clause applicable to this acquisition are:

- 52.219-6, Notice of Total Small Business Aside
- 52.219-13, Notice of Set-Aside of Orders
- 52.219-28, Post Award Small Business Program Representation
- 52.222-3, Convict Labor
- 52.222-19, Child Labor – Cooperation with Authorities and Remedies
- 52.222-21, Prohibition of Segregated Facilities
- 52.222-26, Equal Opportunity
- 52.222-36, Equal Opportunity for Workers with Disabilities
- 52.222-50, Combating Trafficking in Persons
- 52.223-18, Contractor Policy to Ban Text Messaging While Driving
- 52.225-1, Buy American Act-Supplies
- 52.225-13, Restrictions on Certain Foreign Purchases
- 52.232-33, Payment by Electronic Funds Transfer

FAR 52.252-1, Solicitation Provisions Incorporated by Reference:

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es): at <http://acquisition.gov/comp/far/index.html> and http://www.osec.doc.gov/oam/acquistion_management/policy/default.htm

FAR 52.225-18 – Place of Manufacture.

FAR 52.232-15, Progress Payments Not Included.

CAR 1352.233-70, Agency Protests
CAR 1352.233-71, GAO and Court of Federal Claims Protests

FAR 52.252-2, Clauses Incorporated by Reference:

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

<http://acquisition.gov/comp/far/index.html> and

http://www.osec.doc.gov/oam/acquisition_management/policy/default.htm

FAR 52.232-40, Providing Accelerated Payments to Small Business Subcontractors. .

FAR 52.247-34, FOB Destination

CAR 1352.201-70, Contracting Officer's Authority

CAR 1352.209-73, Compliance with the Laws

CAR 1352.209-74, Organizational Conflict of Interest

CAR 1352.246-70, Place of Acceptance (APR 2010)

(a) The Contracting Officer or the duly authorized representative will accept supplies and services to be provided under this contract.

(b) The place of acceptance will be:

NIST

Shipping and Receiving

325 Broadway

Boulder, CO 80305

NIST LOCAL-04 BILLING INSTRUCTIONS

(a) NIST prefers electronic Invoice/Voucher submissions and they should be emailed to INVOICE@NIST.GOV.

(b) Each Invoice or Voucher submitted shall include the following: (1) Contract Number. (2) Contractor Name and Address. (3) Date of Invoice. (4) Invoice Number. (5) Amount of Invoice and Cumulative Amount Invoiced to-date. (6) Contract Line Item Number (CLIN). (7) Description, Quantity, Unit of Measure, Unit Price, and Extended Price of Supplies/Services Delivered. (8) Prompt Payment Discount Terms, if Offered. (9) Any other information or documentation required by the contract.

(c) In the event electronic submissions are not used, The Contractor shall submit an original invoice or voucher in accordance with the payment provisions of this contract to:

NIST

Accounts Payable Office

100 Bureau Drive, Mail Stop 1621

Gaithersburg, MD 20899-1621

NIST LOCAL - 39, NIST LOCAL-39 MARKING/PACKING INSTRUCTIONS

(1) If the total contract/order includes multiple quantities of the same or like item(s), segregated as separate CLIN/Item numbers, deliverables shall be packed accordingly. Each individual Package / container in the shipment shall include deliverables on a per-CLIN or Item basis.

(2) For each shipment made under this contract/order, the Contractor shall furnish itemized packing list(s), enumerating the specific contents of each shipping container and what specific individual

Components constitute a full and complete "unit" for each bid item. The packing list shall include the brief description of each item found in the Schedule. If more than one container is Required for each unit, each container should be marked accordingly, e.g., "Box 1 of 2," "Box 2 of 2," and the boxes, where feasible, should be taped or shrink-wrapped together as an Issuable unit.

(3)The contract number AND CONTRACT LINE ITEM NUMBER (CLIN) OR ORDER ITEM NUMBER shall be placed on the exterior of all containers.

If you have any questions, please do not hesitate to contact me at marc.zurasky@nist.gov.

Thank you.