



Phone & Fax : 0376-2320074
 E-mail : hrhpowiet@gmail.com
 Website : www.powietjrt.org

GOVT. OF ASSAM

**OFFICE OF THE PRINCIPAL, HRH THE PRINCE OF WALES INSTITUTE OF
 ENGINEERING & TECHNOLOGY, JORHAT**

Ref: No. POW/NEQIP/2016/ 1716-D

Date: 27-07-2016

**NOTICE INVITING TENDER (NIT)
 FOR SUPPLY & INSTALLATION OF MACHINES & EQUIPMENTS TO HRH THE PRINCE OF
 WALES INSTITUTE OF ENGG. & TECH. UNDER AICTE-NEQIP-II PROGRAM**

The Principal, HRH The Prince of Wales Institute invites quotation for supply & Installation of Machines & Equipment as per details at ANNEXURE-IV, in **Two Bids** to reach the undersigned on or before 20-08-2016.

Sl. No.	Reference no.	Items	Qty	EMD (Rs.) in the form of DD (to be submitted with Technical Bid)	Tender Document Fee (Rs.) in the form of DD (to be submitted with Technical Bid)
01.	POW/NEQIP/2016/1716-D Date: 27-07-2016	Supply & Installation of Machines & Equipments to be installed at POWIET, Jorhat	One Package	@2%	500.00 (non-refundable)

(1). Last date & Time for Submission: 20/08/2016 (14.00 HRS)

(2). Date/Time for Opening of Tech. Bids: 23/08/2016 (14.30 HRS)

After evaluation of technical bids, financial bids of the successful bidders will be opened on a later date which will be notified in the Institute website

Venue of Bid Opening: At Office of HRH The Prince of Wales Institute, Jorhat, Assam

BID INSTRUCTION:

01. Quotations will have to be submitted in TWO Bids. The address of the firm submitting the quotation and the Officer to whom the quotation is addressed must appear distinctly on sealed covers. Further, on sealed cover, the following are to be written:

**QUOTATION FOR SUPPLY & INSTALLATION OF MACHINES & EQUIPMENTS TO
POW INSTITUTE, JORHAT UNDER AICTE-NEQIP-II.**

NIT REF NO., Dt.....

02 Submission of Compliance Certificate: Duly filled and signed Compliance Certificates (as per formats at **Annexure I(A & B)** are must with the Technical bid.

03. Bid not transferable: The bid documents are not transferable and the seal and signature of the authorized official of the firm must appear on all the papers and envelopes submitted.

QUALIFICATION REQUIREMENTS

1. The Bidder should be a firm of reputation having sufficient expertise and experience in the subject tender with sound warranty / service support capability and authorization from manufacturers.
2. The Bidder has to Quote for all the items in the NIT. Bidders who do not Quote for all the items are subject to be disqualified.
3. Sealed quotations must be affixed with court fee stamps of Rs. 8.25 (Rupees eight and paisa twenty five) only without which no quotation will be accepted.

NIT TERMS & CONDITIONS:

01. **Rates:** Rates quoted in the **Price Bid** should be on **DOOR DELIVERY at POWIET, Jorhat basis**, as per details below:

Sl. No.	Particulars	Price/unit
1.	Basic Price (per unit) with installation and commissioning	
2.	Total	
3.	Taxes (pl. give break up)	
4.	Grand Total for door delivery of the item at POW Premises	

Bidders shall indicate their rates in clear/visible figures as well as in words and shall not alter/overwrite/make cutting in the quotation. In case of a mismatch, the rates written in words will prevail.

02. **Validity of Quotation:** Quoted rates must be valid for **90 days** from the date of quotation.

03. **Warranty:** The quoted equipment and components must be warranted for a minimum of one Year or period specified against the item.

04. **Literature a must:** All the quotations must be supported by the printed technical leaflet/ literature and the specifications mentioned in the quotation must be reflected/ supported by such printed technical leaflet/literature. The model and specifications quoted should **invariably be highlighted** in the leaflet/literature for easy reference.

05. **After Sales Service:** Vendors should clearly state the available nearest after sales service facilities in the region, without which their offers will be rejected.

06. **Dealership Certificate:** Dealers or Agents quoting on behalf of Manufacturer must enclose valid dealership certificate.

07. **Earnest Money:**

Refundable earnest money deposit (EMD) @ 2% on Total Quoted Price through demand draft drawn in favour of “The Principal, Prince of Wales Institute, Jorhat”, payable at Jorhat, will have to accompany the technical Bid. The EMD of unsuccessful bidders shall be returned after award of contract. EMD of the successful bidder will be released on submission of the Performance. Offers received without Earnest Money or valid Certificate shall be summarily rejected.

- 08. Performance Bank Guarantee (PBG):** In case of items with order value of Rupees Five Lakhs (INR 5,00,000/-) and above, the successful bidder shall furnish an unconditional PBG (as per format at **Annexure II**) for 5% of the Purchase Order value from a scheduled Bank of India, after receiving the purchase order. Where the PBG is obtained by a foreign bank, it shall be got confirmed by a Schedule Indian bank and shall be governed by Indian Laws and be subject to the jurisdiction of courts at Guwahati. The PBG shall guarantee that,
- (a) The Vendor guarantees satisfactory operation of the Equipment & components against poor workmanship, bad quality of materials used, faulty designs and poor performance.
 - (b) The Vendor shall, at his own cost, rectify the defects/replace the items supplied, for defects identified during the period of guarantee.
 - (c) This guarantee shall be operative from the date of installation till 60 days after the warranty period.
- 09. Delivery:**
- a) Time Limit:** Maximum within 2-4 Weeks from the date of issue of the purchase order.
 - b) Safe Delivery:** All aspects of safe delivery shall be the exclusive responsibility of the vendor. At the destination site, the package will be opened only in the presence of POWIET user/representative and vendor's representative. The intact condition of the package and the seal/indicators for not being tampered with, shall form the basis for certifying the receipt in good condition.
 - c) Insurance:** The supplier is to establish 'All Risk Transit Insurance' coverage till door delivery at POWIET, Jorhat, Assam.
 - d) Part Delivery:** Acceptance of part delivery shall be a prerogative of the institute.
- 10. Conditional tenders not acceptable:** All the terms and conditions mentioned herein must be strictly adhered to by all the vendors. Conditional tenders shall not be accepted on any ground and shall be rejected straightway. Conditions mentioned in the tender bids submitted by vendors will not be binding on POWIET, Jorhat.
- 11. Road Permit:** POW Institute will not provide any Road Permit to the Vendors.
- 12. VAT deduction at source:** In case of suppliers within Assam, VAT deduction at source, as per Order/ notification of the Govt. of Assam will be applicable.
- 13. Late and delayed tender:** Late and delayed tender will not be considered. In case any unscheduled holiday occurs on the prescribed closing/opening date the next working day shall be the prescribed date of closing/opening.
- 14. Payment:** Payment will be released only after successful completion of installation and acceptance, Demo and Test run etc.
- 15. Enquiry during the course of evaluation not allowed:** No enquiry from the bidder(s) shall be entertained during the course of evaluation of the tender till final decision is conveyed to the successful bidder(s). However, the Purchase Committee or its authorized representative may make enquiries/seek clarification from the bidders. In such a case, the bidder must extend full cooperation. The bidders may also be asked to arrange demonstration of the offered items, in a short period of notice.
- 16.** The acceptance of the quotation will rest solely with the Principal, POWIET, who in the interest of the Institute is not bound to accept the lowest quotation and reserves the right to himself to reject or partially accept any or all the quotations received without assigning any reasons.
- 17. Force Majeure:**
- If the performance of the obligation of either party is rendered commercially impossible by any of the events hereafter mentioned that party shall be under no obligation to perform the agreement under order after giving notice of 15 days from the date of such an event in writing to the other party, and the events referred to are as follows:
- i. Any law, statute or ordinance, order action or regulations of the Government of India,

- ii. Any kind of natural disaster, and
- iii. Strikes, acts of the Public enemy, war, insurrections, riots, lockouts, sabotage.

18. Applicable Law:

- (a) The contract shall be governed by the laws and procedures established by Govt. of India and subject to exclusive jurisdiction of Competent Court and Forum in Guwahati/Assam.
- (b) Any dispute arising out of this purchase shall be referred to The Principal, Prince of Wales Institute, Jorhat, Assam and if either of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of an Arbitrator, who should be acceptable to both the parties, to be appointed by the Principal of the Institute. The decision of such Arbitrator shall be final and binding on both the parties.

Principal,
HRH The Prince of Wales Institute, Jorhat, Assam

Encl.: ANNEXURE-I, ANNEXURE-II, ANNEXURE-III & ANNEXURE-IV

Annexure –I
A. COMPLIANCE CERTIFICATE FOR NIT TERMS
(To be enclosed in the Technical bid)

Sl. No.	NIT Terms and Conditions	Yes/No
1.	Rate quoted as per instruction	
2.	Validity of quoted rate for 90 days agreed	
3.	EMD submitted (appropriate certificate enclosed)	
4.	PBG term agreed	
5.	Payment term agreed	
6.	Delivery terms agreed	
7.	Warranty period agreed	
8.	Literature: Printed Literature provided	
9.	Dealership / distributorship certificate (in case of dealers/agents) provided	
10.	Sales Service: address of after Sales Service centre in India (for imported goods)/ in the region provided	
11.	Applicable law terms agreed	

Signature with Seal:.....

Vendor: M/s.....

B. COMPLIANCE CERTIFICATE FOR SPECIFICATIONS
(One for each item must to be enclosed in the Technical bid)

Item Sl. No.	Specifications as per Annexure-IV	Quoted Item Specs.*	Complied (Yes/No)

Signature with Seal:.....

Vendor: M/s.....

*** Vendor must quote the parameter specification of the quoted product in this column and not just copy the specification from the tender call document. Failure to do so will lead to rejection of the tender.**

Annexure –II

PERFORMANCE BANK GUARANTEE

To:
The Principal,
HRH The Prince of Wales Institute, Jorhat, Assam

WHEREAS (Name of Supplier)
hereinafter called "the Supplier" has undertaken, in pursuance of Contract No..... dated,.....
20.... to supply (Description of Goods and Services)
hereinafter called "the order".

AND WHEREAS it has been stipulated by you in the said order that the Supplier shall furnish you
with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance
with the Supplier's performance obligations in accordance with the order.

AND WHEREAS we have agreed to give the Supplier a Guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the
Supplier, up to a total of (Amount of the Guarantee
in Words and Figures) and we undertake to pay you, upon your first written demand declaring the
Supplier to be in default under the order and without cavil or argument, any sum or sums within the
limit of (Amount of Guarantee) as aforesaid, without your needing to prove or to
show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until theday of.....20.....

Signature and Seal of Guarantors

.....
.....
.....
Date.....20....
Address:.....
.....
.....

All correspondence with reference to this guarantee shall be made at the following address:

The Principal,
HRH The Prince of Wales Institute, Jorhat, Assam

Annexure –III

MANUFACTURERS' AUTHORIZATION FORM

No.

Dated _____

The Principal,
HRH The Prince of Wales Institute, Jorhat, Assam

Dear Sir,

We..... who are established and reputable
manufacturers ofhaving factories at-

.....
.....

(address of factory) do hereby certify

that.....
.....

.....(Name of the Authorised Dealer) is our authorized dealer to quote against your
tender enquiry no

.....,

Last Date of Submission is:

No other Company other than (Name
of the Authorized Dealer) is authorized to quote of our products against this Tender Enquiry

No.....

Yours faithfully,

(Name)
(Name of manufacturers)

Annexure –IV

(List of machines, equipment etc of various Departments)

LIST OF ITEMS OF ELECTRONICS LAB. UNDER NEQIP PHASE 2

Sr.	Experiment /Equipment	Technical Specification/Features	Price/Unit
1	Diode Trainer Kit	<p>Specification</p> <p>Digital voltmeter & Ammeter should be incorporated.</p> <p>Ammeter- Measurement Range- 1μA to 200mA Display-3 ½ Digits.</p> <p>Voltmeter- Measurement Range- 1mV to 200V Display-3 ½ Digits.</p> <p>On board DC Power Supply- +12V DC.</p> <p>Facility to perform Forward & Reverse Characteristics.</p> <p>Silicon, Zener, LED to be provided as built in components for characteristics experiments.</p> <p>Test points & circuit schematic diagram to be provided on mimic.</p>	
2	Transistor Trainer Kit	<p>Specification-</p> <p>Digital voltmeter & Ammeter should be incorporated.</p> <p>Ammeter- Measurement Range- 1μA to 200mA Display-3 ½ Digits.</p> <p>Voltmeter- Measurement Range- 1mV to 200V Display-3 ½ Digits.</p> <p>On board DC Power Supply- +12V, -12DC, +5V, -5VDC.</p> <p>Facility to perform Input, Output & constant current transfer characteristic experiments.</p> <p>Test points & circuit schematic diagram to be provided on mimic.</p>	
3	Oscillator Trainer Kit	<p>Specification-</p> <p>On board DC Power Supplies- +5V/1A Fixed, +15V/1A Fixed, -15V/1A Fixed, +15V/200mA variable, -15V/200mA variable.</p> <p>On board AC Power Supplies-5V-0V-5V, 10V-0V-10V.</p> <p>Sine/Square/TTL Generator-10Hz to 1MHz in 4 steps, variable in between.</p> <p>Amplitude- Sine wave 0-15Vpp, Square-10Vpp.</p> <p>Fixed TTL clock- 0.1Hz</p> <p>Data Switches- 8nos , Pulser Switches – 1no LED as output monitor- 8nos.</p> <p>Logic Probe, Potentiometers 6nos, Speaker.</p> <p>Ready to use boards compatible to mother unit for experiments Phase Sift Oscillator, Wien Bridge Oscillator, Colpitts Oscillator, Hartley Oscillator.</p>	
4	Digital IC Trainer Kit	<p>Specification</p> <p>On board fixed DC Power Supply: +12V,-12,+5v, -5V.</p> <p>Fixed TTL generator- 1Hz to 100KHz.</p> <p>Pulse generato-5V</p> <p>ZIF Socket-20Pins (6Nos), 40Pins (1No)</p> <p>Input selection switch- 12 toggle switch.</p>	
5	Flip-Flop Register Trainer Kit	<p>Specification-</p> <p>Input logic level+5V,0V</p> <p>+5V SMPS adopter as power supply</p> <p>SR,JK,D &T flip flop operation</p>	

6	Training Board for Hub & Switches, 4 nos. each	Omega/D-Link,10MB/100MB/1000MB	
7	Training Board for Modem, 4no.	Omega/D-Link, Dial up/Broad Band/ISDN	
8	Training board for NIC, 4no.	Omega/D-Link,10MB/100MB/1000MB	
9	Mother Board Training Board, 4	P-III/P-IV/Dual Core/Core2 Duo	
10	SMPS Training Board, 4 nos.	Specification- Input- 80to230V AC/50Hz , (+/-10%, 50/60Hz) Output: +12V, -12V, +5V DC Regulated. Switching Transformer Input 320VDC at 132KHz. Output: 30VAC approximate. Physical representation of switching transformer. Diagrammatical representation of each block. On board shock protective shield to be provided. Fault identification switches to be provided.	
11	UPS Training Board, 4 nos.	Specification- Input Voltage- 190 to 260V AC +/-10% Output Voltage-230V AC +/-10% Transfer: l/p- 12-0-12V AC Outputs:0,190,220,240,260V Hz Battery:12VDC/7.5AH Type: SMF Rechargeable Battery Technology: MOSFET-PWM Output Power Capacity:500VA, Test points to measure.	
12	Printer 3 in one, 1 no.	Multifunction printer, Laser	
13	Vacuum Cleaner, 1 no.	Eureka Forbes	
14	Soldering Iron,	Seldorm, 10W, 25 W, 40 nos. each 35W, 65W, 10 nos. each	
15	Solder 100 Gm Pkt., 40 nos.		
16	Flux Container (Small),40 nos.		
17	Analog Meter, 20 nos.	Omega, Multimeter	
18	Cutter Player , 15 nos. each	Taporia, 6 ^{''} , 12 ^{''}	
19	Transformers, 30 nos each	0-6, 500 mA, 0-12, 500 mA, 6-0-6, 9-0-9, 500 mA, 12-0-12, 1 amp, 1.5-12V, 500 mA	
20	Transformers, 8 nos each	12-0-12V, 10 amp	
21	Diode, 200 nos.	IN 4007, BY 127, OA79	
22	Zener Diodes, 200 each	3V, 6 V & 12 V	
23	LED, 200 nos. each	1.5V, 3V, 6V, 12 V	
24	Electrolytic capacitors, 200 nos.each	5mfd/16V, 10µF/16V, 47mfd/16V, 100mfd/25V, 220mfd/65V, 1000mfd/65V	
25	Resistance box, 200 nos.	1 ohm to 1M ohm	
26	Capacitor box, 200 nos.	0.001 mfd to 200 mfd	
27	Multipurpose PCB, 100 nos.	Size: 2 ^{''} x4 ^{''}	
28	Ribbon Wire, 200 pkt	1 meter pkt	
29	A.C Main cord, 100 pcs	Length 1 meter/3 pin plug	
30	Wooden screw, 250 g each	¼ ^{''} , ½ ^{''} , 1 ^{''} , 1.5 ^{''} , 2 ^{''}	
31	Nut-Bolt-Screw, 250 g each	½ ^{''} , 1 ^{''} , 1.5 ^{''} , 2 ^{''}	
32	Knife, 50 nos. each	4 ^{''} , 6 ^{''}	
33	Twiser Small, 100 nos. each	4 ^{''} , 6 ^{''}	

34	De-Soldering Pump, 40 nos.		
35	Vice, 2 nos. each	2 ^{''} , 4 ^{''}	
36	Working Bench, 4 nos	8 ['] x 4 [']	
37	Stool, 50 nos.	3 ['] or 2.5 [']	
38	P.V. C. Wire Copper, 2 coil	2.5 mm	
39	Plastic Switch Board, 20 nos	6 ^{''} x 8 ^{''}	
40	Socket, 80 nos	3 pin, 5 AMP, Anchor	
41	Switch, 80 nos.	5 AMP, Anchor	
42	White Board, 4 no	5' x 4',	
43	Desktop Computer , 5 nos.	Intel Core i3,6100T, 3.2 GHz, 2 CPU course, 3 MB CPU cache, TDP35W, socket LGA1151, 4GB RAM, 1TB, HD SATA, DDR-4, Integrated Intel HD graphics, audio, blue tooth 4.0, wireless LAN, 802.11 B/G/N, CD/DVD disk drive with writer, USB key board, mouse, 18.5 TFT monitor, with preloaded OS W10.	

Principal,
HRH The Prince of Wales Institute, Jorhat