



/Institute of Physics  
/Sachivalaya marg  
/ Bhubaneswar-751005

**/NOTICE INVITING TENDER**

**/Tender No. NIT/IOP/03/2013-14**

Description of the Services: "Supply, Installation, Testing and Commissioning of 15TR scroll compressor at auditorium inside Institute of Physics campus Bhubaneswar"

1. Supply, Installation, Testing and Commissioning of 15 TR Scroll compressor(380 -- 415Volt)3 Phase, 50Hz., with gas charging in an existing TRANE make air-cooled AC system.	4 Nos
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**Estimated Cost** : Rs.5,97,600/-  
**Earnest Money Deposit** : Rs. 11,952/-  
**Tender Cost** : Rs. 500/- (Non-refundable)

**Important dates :**

- (a) Sale of Tender : 30.9.2013 to 8.10.2013
- (b) Last date for submission of Tender : 25.10.2013 up to 1430 hours
- (c) Opening of tender in the presence of attending bidders at Library conference hall : 25.10.2013 at 1500 hours

For further details, please refer to the detailed NIT in IOP's website [www.iopb.res.in](http://www.iopb.res.in)

**NOTE:**

- (1) Tender documents will not be issued to bidders not meeting the eligibility criteria indicated in the detailed NIT.
- (2) Canvassing in any form shall disqualify the Tenderer in participating in the Tender.

DIRECTOR



Institute of Physics  
Sachivalaya Marg  
Bhubaneswar-751005

Tender No. NIT/IOP/03/2013-14

## **PART-I**

### Section II

# Detailed Notice Inviting Tender



Institute of Physics  
Sachivalaya Marg  
Bhubaneswar-751005

**NOTICE INVITING TENDER**  
**Tender No NIT/IOP/03/2013-14**

Date: Sept 25 , 2013.

- 1.0 Sealed tenders under Two Bid System are invited from reputed manufacturer/ authorized distributor/ dealer/ supplier / Service Agents for “Supply, Installation, Testing and Commissioning of 15TR scroll compressor at auditorium inside Institute of Physics campus Bhubaneswar” by Director, Institute of Physics.

<b>Tender reference No.</b>	:	
<b>Scope of Work</b>	:	1. Supply, Installation, Testing and Commissioning of 15 TR Scroll compressor(380 -- 415Volt)3 Phase, 50Hz., with gas charging in an existing TRANE make air-cooled AC system.
<b>Estimated Cost</b>	:	Rs.5,97,600/-
<b>Earnest Money deposit</b>	:	Rs. 11,952/-
<b>Security Deposit</b>	:	10% of the tender value.
<b>Warranty</b>	:	One year warrant from the date of installation
<b>Cost of tender document</b>	:	Rs.500/-(Rupees five hundred only) <b>(Non refundable)</b> <b>[To be paid either by Demand Draft or Banker’s Cheque drawn on any Nationalised/Scheduled Bank in favour of Institute of Physics, Bhubaneswar Tender cost will not be accepted in cash.]</b>

**2.0 Important dates:**

<b>Sale of Tender Document at Accounts Section, Institute of Physics, Bhubaneswar</b>	:	<b>30/09/2013 to 08/10/2013(10.00 Hrs to 16.00 Hrs)</b>
<b>Last date for submission of Tender in the drop box at Director’s Office ,IOP</b>	:	<b>25/10/2013 upto 1400 hours</b>
<b>Opening of tender in the presence of attending bidders at Library conference hall, Institute of Physics, Bhubaneswar-751005</b>	:	<b>25/10/2013 at 1430 hours</b>

**Note:** In case the last date of sale and/or the date of receipt and opening of tender is declared as a holiday, the respective date shall be treated as postponed to the next working day.

*Tender Document can be obtained from the Accounts Section from 10.00 hours to 16.00 hours on any working day except Saturday, Sunday and Government holidays on production of all prescribed documents along with an application in the prescribed format. and on payment of cost of Tender (Rs.*

500/-) by way of Demand Draft or Banker's Cheque drawn on any Nationalised /Scheduled Bank in favour Director, institute of Physics, Bhubaneswar

Director, Institute of Physic reserves the right to reject any or all the tenders without assigning any reasons thereof.

Cost of Tender Document is not refundable.

### 3.0 **Scope of Work:**

Supply, Installation, Testing and Commissioning of 15 TR Scroll compressor(380 -- 415Volt) 3-Phase, 50Hz., with gas charging in an existing TRANE make air-cooled AC system.

**The scope of work is consisting of two parts**

#### 3.1 **Supply**

15TR (380 -- 415Volt) 3-Phase, 50Hz, Scroll compressor. The brands of National repute and having ISI standard mark.

#### 3.2 **Installation, Testing & Commissioning:**

The above mentioned supplied compressors need to be installed in a TRANE Make air-cooled 60TR HVAC system. (Outdoor Model. No-RAUP600)

**Procedure for Installation:**

**Leak testing:** Nitrogen gas pressure test at 250 PSI for 12 Hrs

**De-moisturizing:** Flashing with Nitrogen Gas

**Vacuumizing:** Using vacuum pump

**Gas charging:** Refrigerant Gas R-22 shall be charged upto 70psi back pressure

**Testing:** The system shall be tested for 24 Hrs after commissioning for accessing the performance and cooling etc.

(Alternation of Pressure can be made as per compressor manual)

### 4.0 **Eligibility for issue of Tender Document:**

#### 4.1 **Technical Criteria**

- a. Manufacturers / Authorized distributor/ Dealer/ supplier, Service agent with documentary evidence from appropriate authority.
- b. Attested copy of valid registration with document for TIN No
- c. Attested copy of PAN shall be produced for consideration for issue of tender papers.

#### 4.2 **Financial Criteria**

Tenderers who have satisfactorily executed three similar works each of value 40% of estimated cost or two works each of 50 % cost or one work of 80% cost in last five years are eligible for issue of tender. Also the average annual turnover of the Tenderer should be at least 30% of estimated cost during the preceding three years ending 31<sup>st</sup> March of previous financial year.

### 5.0 **Instructions to Tenderers.**

5.1 For obtaining Tender Documents, the application in the official letterhead of the Tenderer containing authorisation of his representative to collect the Tender Documents along with the duly filled in format attached with the NIT and documentary proof of the following shall be submitted in person to the Engineer in Charge, Institute of Physics, Bhubaneswar-751005:

- (a) Documentary evidence for being a Manufacturers / Authorized distributor/ Dealer/ supplier, Service agent
- (b) Past experience/list of similar work completed/in progress with their costs during last five years (in the format enclosed – Annex I)
- (c) Latest Income Tax Clearance Certificate.
- (d) Profit and Loss Account and Balance Sheet of last 3 years.

- (e) Attested copy of TIN No.
- (f) Attested copy of PAN card
- (g) Latest Bank Solvency Certificate of value not less than 40% of the estimated cost issued not earlier than one year from date of starting of sale of tender.

**Note:** The Contractors shall submit a list of works which are in hand (in progress) in the following form:

Sr. No	Name of the work	Name & particulars of Division where the work is being executed	Amount	Position of the work in progress	Remarks
1	2	3	4	5	6

- 5.2 Tender Documents will be issued only on examining the above documents and satisfying that the intended Tenderer fulfills the eligibility criteria.
- 5.3 The person deputed for purchase of Tender Documents shall carry a photo identification like Passport, Voter's Identity Card, Driving License, PAN Card etc. in addition to the documents listed at para 4.1 and 4.2

Companies should send only technically qualified persons for discussions regarding company's capability to execute the work, in case called for.

**Note: (1) The tenders will not be sent by post.  
(2) Original documents shall be produced for verification as and when called for.**

- 5.4 It will be obligatory on all tenderers not submitting the offer to return the Tender Documents to the Accounts Officer, Institute of Physics. However, cost of Tender Documents will not be refunded.
- 5.5 Tender documents are not transferable.
- 5.6 Director, Institute of Physics, Bhubaneswar reserves the right to reject any or all tenders or to award part(s) of work to different agencies without assigning any reasons thereof.

Tenders should be submitted in sealed envelopes in two parts separately, i.e. "Technical bid"(PART-I) and "Price bid"(PART-II) along with a another Envelop marked "EMD". Both the parts should be further sealed in an envelope super-scribing Tender no. & name of work, due date for opening, bidder's name and address. The Technical Bid duly filled in & signed on each page, accepting the terms, conditions and EMD for Rs. **11,952/-** shall be submitted in a separate cover, may be sent to the Director, Institute of Physics, Sachivalaya Marg Bhubaneswara-751005 either by post or hand delivered in tender box kept in the office of the Director, after ensuring that due entries are made in the tender register kept at the counter. It should not be handed over to any employee of the Institute. No tender shall be accepted later than the time schedule specified above. Institute will not be responsible for delay/ loss of document in transit if sent by post. All tenders, in which any of the prescribed conditions are not fulfilled or are incomplete in any respect or tenders not in the prescribed format are liable to be rejected.

5.7 Earnest Money, shall be submitted along with the Tender Documents. The Earnest Money Deposit should be in the form of Fixed Deposit Receipt or Banker's Cheque or Demand Draft drawn on any Nationalised/Scheduled Bank in favour of Director, Institute of Physics, Bhubaneswar. Tenders not accompanied by Earnest Money will be summarily rejected.

**Note : Cash, Cheque, Bank Guarantee etc. for Earnest Money Deposit will not be accepted.**

5.8 Tenders are to be submitted in sealed envelopes consisting of the following:

- Envelope No.1: Earnest Money Deposit.
- Envelope No.2: Technical BID duly completed in all respect and signed on all pages.
- Envelope No.3: Price BID duly filled up and signed by the supplier

These three envelopes shall then be placed in another sealed envelope with the name of work and tender notice number written on it and submitted to the tender inviting authority at the following address:

DIRECTOR,  
Institute of Physics,  
P.O. Sainik School  
Sachivalaya Marg  
Bhubaneswar-751005

The envelope containing the EMD shall be opened first. If EMD is found to be in order then only the envelope containing the tender will be considered. In case the EMD is not deposited or not found in order, the tender shall not be considered at all.

5.9 It will be obligatory on the part of the Tenderer to sign the tender document for all the components/parts of the Tender and affix his/his Company's rubber stamp on every page of the Tender.

5.10 Tenderers should quote the rates in figures as well as in words in Price BID. The amount for each item should be worked out and the requisite totals given. All corrections shall be attested by dated initials of the Tenderer. Special care should be taken to write the rates in figures as well as in words and the amounts in figures in such a way that no other interpretation is possible. The total amount should be written both in figures and words.

5.11 If the amount of an item is not worked out by the Tenderer or if it does not correspond with the rates written either in figures or in words then the rates quoted by the Tenderer will be taken as correct, not the amount. If there exists a discrepancy between the rates written in figures and words, then the rates in words will be taken as correct.

5.12 Partnership firms and joint venture firms will be considered only if:

- (a) Partnership Deed/Joint Venture Agreement has been entered into before the purchase of Tender Documents and copy thereof is enclosed with the Tender.
- (b) The Tender Document is purchased in the name of Partnership Company or the Joint Venture firm.
- (c) Such Partnership or Joint Venture is legally in order.

- 5.13 The Director, Institute of Physics, Bhubaneswar does not bind himself to accept the lowest or any tender and reserves to himself the right to accepting the whole or any part of the tender and the tenderer shall be bound to perform the supply / services at the rates quoted and as accepted in the Work Order/Agreement.
- 5.14 Tenders with any condition including conditional rebate shall be rejected. However, tenders with unconditional rebate will be accepted.
- 5.15 Before submitting the tenders, Tenderers are advised to visit the work site. IOP, auditorium, at Institute of Physics, Bhubaneswar- for the full understanding of the scope of work.
- 5.16 The successful bidder will be required to furnish by way of Security Deposit for due fulfillment of his contract, The Security deposit 10% will be kept for one year from the date of commissioning (during the warranty period). The EMD of the successful bidder will be adjusted towards the SD and balance amount will be deducted from the bill amount. After completion of one year from the date of commissioning the SD amount may be released to the bidder without any interest. The bidder/supplier can request for release of SD after completion of one year from the date of commissioning.
- 5.17 **The Tender shall have a minimum validity of 180 days from date of opening of tender.** If any Tenderer withdraws his tender before expiry of the validity period or makes any modifications in the terms and conditions of the tender which are not acceptable to the Institute, then IOP shall without prejudice to any right or remedy, be at liberty to forfeit 50% of the Earnest Money absolutely. Modified Tenders, in any case, shall not be accepted.
- 5.18 **CANVASSING IN ANY FORM IN CONNECTION WITH THE TENDER IS STRICTLY PROHIBITED AND SHALL DISQUALIFY THE TENDERER. THE TENDERS SUBMITTED BY TENDERER WHO RESORT TO CANVASSING ARE LIABLE TO BE REJECTED.**
- 5.19 For any clarifications, please contact Engineer In Charge, Institute of Physics, Bhubaneswar-751005

DIRECTOR,  
Institute of Physics,  
Bhubaneswar



**Institute of Physics  
Sachivalaya Marg  
Bhubaneswar-751005**

**“Supply, Installation, Testing and Commissioning of 15TR scroll compressor at auditorium inside Institute of Physics campus Bhubaneswar”**

TENDER No NIT/IOP/03/2013-14

**APPLICATION FOR ISSUE OF TENDER DOCUMENT**

**PART-A**

**To be filled in by the Contractor:**

- ❖ Draft No. & Date : \_\_\_\_\_
- ❖ Bank & Place of issue : \_\_\_\_\_
- ❖ Amount of EMD : \_\_\_\_\_
- ❖ Telephone/Mobile No. : \_\_\_\_\_
- ❖ Email-ID : \_\_\_\_\_

Copies of the following documents are enclosed:

- (a) Documentary evidence for being a Manufacturers / Authorized distributor/ Dealer/ supplier, Service agent
- (b) Past experience/list of similar work completed/in progress with their costs during last five years (in the format enclosed – Annex I)
- (c) Latest Income Tax Clearance Certificate.
- (d) Profit and Loss Account and Balance Sheet of last 3 years.
- (e) Attested copy of TIN No.
- (f) Attested copy of PAN card
- (g) Latest Bank Solvency Certificate of value not less than 40% of the estimated cost issued not earlier than one year from date of starting of sale of tender.

Date : \_\_\_\_\_

\_\_\_\_\_  
**Signature of Contractor with Seal**

**PART-B**

**(To be filled in by Engineer In Charge, IOP)**

- (a) Verified documents and found eligible. Please issue Tender Document on payment of Tender cost.
- (b) Verified documents and found not eligible for the following reasons :
  - (a) Documentary evidence for being a Manufacturers / Authorized distributor/ Dealer/ supplier, Service agent
  - (b) Past experience/list of similar work completed/in progress with their costs during last five years (in the format enclosed – Annex I)
  - (c) Latest Income Tax Clearance Certificate.
  - (d) Profit and Loss Account and Balance Sheet of last 3 years.
  - (e) Attested copy of TIN No.
  - (f) Attested copy of PAN card
  - (g) Latest Bank Solvency Certificate of value not less than 40% of the estimated cost issued not earlier than one year from date of starting of sale of tender.
  - (h) Other reason, if any : \_\_\_\_\_

Date : \_\_\_\_\_

\_\_\_\_\_  
**Signature of Engineer In Charge**

**Accounts Officer, IOP.**

**PART-C**

**(To be filled in by Accounts Officer, IOP)**

**Receipt No** \_\_\_\_\_

**Date:** \_\_\_\_\_

Received vide DD/Banker's cheque No. \_\_\_\_\_ dated \_\_\_\_\_ drawn on \_\_\_\_\_ Bank for an amount of Rs.500/- (Rupees Five Hundred Only) from M/s. \_\_\_\_\_ towards Cost of Tender, subject to realization.

Tender Document No. \_\_\_\_\_ issued to :

- ❖ Name of Company : \_\_\_\_\_

\_\_\_\_\_  
**Signature of Accounts Officer**