

Tender No. 8-12/2015-Store

TENDER DOCUMENT

PURCHASE AND INSTALLATION OF AIR-COOLED PRECISION PACKAGE UNITS (TWO UNITS)

Date of issue & sale of Tender Document :
15-05-2015 to 08-06-2015 (1200 hours)

Closing date & Time of receipt of Tender :
08-06-2015 (1500 hours)

Opening of Tender :
08-06-2015, 1600 hours



FOREST SURVEY OF INDIA
MINISTRY OF ENVIRONMENT, FORESTS & CLIMATE
CHANGE
KAULAGARH ROAD, P.O-IPE DEHRADUN.248195

No. 8-12/2015-Store
Government of India
Forest Survey of India
Kaulagarh Road, P.O.-IPE
Dehradun-248195
FAX: 0135-2759104

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Forwarding Letter
(To be filled in by tendering party)

From _____

To,
The Director General,
Forest Survey of India
Kaulagarh Road, P.O.IPE
Dehradun - 248 195. (U.P.)

Sub : Tender for PURCHASE AND INSTALLATION OF AIR-COOLED PRECISION PACKAGE UNITS (TWO UNITS)

Ref : Your Tender notice dated

Sir,

We are submitting herewith our tender for the PURCHASE AND INSTALLATION OF AIR-COOLED PRECISION PACKAGE UNITS (TWO UNITS)
as specified in the tender notice and as laid down in tender documents.

We have read and understood all the terms and conditions governing the tender. We agree to abide by these terms and conditions.

We are enclosing herewith your receipt No. _____ dt. _____
as a proof of having purchased the non transferable tender document.

Accordingly we are enclosing herewith our Earnest Money Deposit in the form of Bank Guarantee/Bank Draft No. _____ dated _____ for Rs. _____
(in _____ words) Rupees
_____ drawn in favour of Assistant Director (Accounts), Forest Survey of India, Dehradun for above mentioned supplies.

We are enclosing as annexures the following documents in fulfillment of the conditions laid down in the tender document.

(Write "Yes" or "No" in boxes)

Annexure

- | | | |
|-----|--|--------------------------|
| 1. | Specific authorisation of original manufacturers for submission of tender | <input type="checkbox"/> |
| 2. | Sales Tax Registration Certificate; | <input type="checkbox"/> |
| 3. | Income Tax Clearance Certificate; | <input type="checkbox"/> |
| 4. | Excise Duty Registration Certificate; | <input type="checkbox"/> |
| 5. | Customs Clearance/Custom Gate Pass; | <input type="checkbox"/> |
| 6. | Undertaking regarding free HW/SW training/ training at cost, with days & services specified. (and cost specified) | <input type="checkbox"/> |
| 7. | Certificate of the original manufactures regarding authorised distributorship/reseller/service provider and having a registered after sales service set up at Dehradun to handle Guarantee & Warranty obligations and after sales services (with officials/residential address and phone nos.) | <input type="checkbox"/> |
| 8. | Detailed and signed list of Guarantee/Warranty services / spares / calls / maintenance covered under warranty (comprehensive /limited etc.) duly & un ambiguously explained; | <input type="checkbox"/> |
| 9. | Complete product Brochures detailing specification etc. in original regarding items tendered for; | <input type="checkbox"/> |
| 10. | List of equipment (nos. etc.) installed at Dehradun and other prestigious institutes in the country by our company; | <input type="checkbox"/> |
| 11. | Company profile; | <input type="checkbox"/> |
| 12. | Audited Annual Report | <input type="checkbox"/> |

All pages of the Tender Document along with the Copy of "Terms & Conditions and additional pages (specify number) contained herewith have been duly signed.

Yours faithfully

Stamp & Signatures of the Authorized Signatory

Name _____

Complete Address _____

Telephone and FAX Nos.
(H.Q.s / Dehradun) : _____

TENDER NOTICE

Sealed Tenders for '**PURCHASE AND INSTALLATION OF AIR-COOLED PRECISION PACKAGE UNITS(TWO UNITS)**' to be used at Forest Survey of India Kaulagarh Road, Dehradun are invited in two bids viz. '**Technical Offer**' and '**Commercial Offer**' in two separate sealed envelopes and should accordingly be superscribed.

Tender document comprising full detail and terms and conditions etc. may be obtained by hand or by post from the Cashier of the FSI on a payment of Rs 100/- (non-refundable) in cash or in shape of demand draft in favour of Assistant Director (Accounts) Forest Survey of India, Kaulagarh Road, P.O. IPE Dehradun 248195 Uttarakhand, or can be downloaded from the websites <http://www.fsi.nic.in> In case the tender document is downloaded, the tender cost of Rs. 100/- in shape of demand draft should be attached with Technical Bid. The last date of selling the tender document is 08-06-2015 (1200 hours). The last date of submission of tender document is 08-06-2015 (1500 hours). Technical Bids shall be opened on the same day i.e. 08-06-2015 (1600 hours). **The representative should bring the authorization letter from their vendor for attending the tender opening.**

ELIGIBILITY CRITERIA FOR TECHNICAL EVALUATION

1. **The specifications of the quoted AIR-COOLED PRECISION PACKAGE UNIT (TWO UNITS) should be strictly as per FSI tender document and bidder should indicate the compliance (Yes/No) against the items mentioned in the specifications in Chapter-2.**
2. The bidder has to provide tender specific authorization from the OEM to quote for the tender.
3. The bidder should in the trade of selling of UPS for at least three years. Documentary proof viz. work orders, to be attached.
4. The OEM appliance quoted by the bidder, must have regional presence for sales & support for prompt warranty support.
5. Bidder should submit detailed catalogue/literature of the quoted product.
6. **Each tenderer should clearly specify that the tenderer agrees to abide by the conditions of this tender document** on their printed letterhead indicating here on Sales Tax Registration, FAX, Email, Telephone numbers, etc.
7. The Earnest Money Deposit (EMD) of 5000/- (Rupees five thousand only) (Refundable) through Demand Draft from any of the Nationalized/Commercial Scheduled Bank in favour of Assistant Director(Accts.), Forest Survey of India Kaulagarh Road, P.O. IPE Dehradun – 248195 Uttarakhand (India) should be attached with the Technical Bid.
8. The response time for attending the faults is two hours (maximum) after it is reported to the vendor. The faults should be rectified within 24 hours of reporting, failing which it will arrange standby replacement. Else FSI shall realise a sum equivalent to 1% per day of the order value of the UPS from the date of report of unserviceability to vendor as a penalty by the way of deductions from Security deposit amount.
9. The services to be provided on 24 x 7 basis.

Note: Agencies which do not fulfil any or all of the above technical conditions or incomplete shall be summarily rejected and will not qualify

Technically and their financial offer will not be opened by the FSI.

SCOPE OF WORK**INSTALLATION, CONFIGURATION, TESTING, COMMISSIONING AND TRAINING:**

The scope of work requires setting up **AIR-COOLED PRECISION PACKAGE UNIT (TWO UNITS)** resources at FSI.

1. Installation and configuration of **AIR-COOLED PRECISION PACKAGE UNIT (TWO UNITS)**
2. The vendor has to integrate the **AIR-COOLED PRECISION PACKAGE UNIT (TWO UNITS)** with the server room without any data loss (*viz* users, groups and web content etc).
3. The configuration of the **AIR-COOLED PRECISION PACKAGE UNIT (TWO UNITS)** appliance to derive fullest functionalities mentioned under the heading “**Technical Specifications for AIR-COOLED PRECISION PACKAGE UNIT (TWO UNITS)**”. Each functionality of the **AIR-COOLED PRECISION PACKAGE UNIT (TWO UNITS)** appliance should be demonstrated to FSI.
4. The vendor has to impart training to FSI concerned personnel to configure and administer all the features of the **AIR-COOLED PRECISION PACKAGE UNIT (TWO UNITS)** appliance, along with documented manual. The training is to be given at FSI premises.
5. Customization of the solution as per the need of FSI.

Chapter – 2

TECHNICAL SPECIFICATIONS FOR 5 IR-COOLED PRECISION PACKAGE UNIT (TWO UNITS)

S. NO.	TECHNICAL SPECIFICATIONS AND STANDARDS FOR AIR-COOLED PRECISION PACKAGE UNIT(TWO UNITS)	Specification	Compliance (Yes/No)	Remarks (if any)
1	Inside Design Condition	21° to 23 ° ±1Deg C & 50% ± 5% RH(Cold Air Temperature)		
2	Ambient Air Design Temperature	43.3 °C		
3	Actual Capacity	2x7.5TR(Auto Stand By) As per requirement for Room Area 575 Sq.ft. approx.)		
4	Flow direction	Top Discharge, front Return and based on the requirement		
5	Air Intel Temperature & RH	Set Point ± 1 °(DB) & Set point± 5% (Return air)		
6	Air Quantity	500 to 650 CFM/TR		
7	Filters	Filters to be provided on the package unit, Having 95% efficiency down to 5 Microns		
8	No Variable of Compressor	One Compressor/one Circuit		
9	Type of Load	High Sensible Heat Load(Sensible Heat factor above0.95)		
10	Refrigerant Circuit/Machine	Two		
11	Other Features			
12	Precision control of Humidity & Temperature and Display			
13	System reliability and 24*7 Hrs operations. Because server rooms			

	work for 24*7(8760Hrs)			
14	The precision air conditioner are designed for Robust working(One Time one in Running Condition and one stand by)			
15	Sophisticated Control and remote monitoring.			
16	Time graph for Temperature and Humidity for 24Hrs and 7 days scheduling possible			
17	Floor Mounted, Bottom discharge Air cooled DX type Precision Air conditioners of 8.5TR Actual sensible capacity & 4200 CFM(Actual sensible Capacity at return air temperature of 26 deg C DB &% RH & Outdoor Ambient Condition@ 43.3 Deg C with R-407 Refrigerant Gas)			
18	Should work at part load (From 20% to 100%) with Variable Capacity Compressor.			
19	The indoor unit shall comprise of Variable capacity Scroll Compressor, Evaporator Fan Complete with Backward curved type with EC motor.			
20	It should have provision to go under false floor while machine is installed (infloor AC Fan), Evaporator DX Cooling coil ("A"/"V" Shape), Microprocessor controllers, Expansion Valves, Driers, G4 Filter, Suction & Discharge piping, Internal power & Control wiring, crankcase heaters, Infrared Humidifiers, Heaters, HP/LP Cutouts, Power and Control contractors & other Electrical accessories.			

21	The outdoor Condenser unit shall comprise of Condenser fans & motors, Condenser cooling coil (Copper coil with aluminium fins), Fan speed controller (Varies, isolator switch			
22	The unit shall be suitable for operation on 415 Volts, 50Hz, 3 Phase, 4 Wire Ac supply			
23	Each unit should be having individual display panel, which shall display date, time, actual & set values, operating conditions, signal faults, collective faults, limiting values & PAC wellness alarm/service alarm to reduce the down time & unit memory shall hold the 400most recent events with ID number, time & date stamp for each event. Unit should have LAN/BMS connectivity(1 working +1 standby)			

GENERAL CONDITIONS:

The tender is to be submitted in two parts viz. 'Technical bid' and 'Commercial bid' in two separate sealed envelopes and should accordingly be super scribed '**PURCHASE AND INSTALLATION OF AIR-COOLED PRECISION PACKAGE UNIT(TWO UNITS) in FSI**'. The commercial bid of only those firms will be opened whose technical bid is found acceptable. The technical bid and commercial bid should be kept in a separate sealed cover and both the sealed envelopes should be kept in third envelop super scribing "**TENDER FOR PURCHASE AND INSTALLATION OF AIR-COOLED PRECISION PACKAGE UNIT (TWO UNITS) IN FSI**". The commercial bid of only those firms will be opened whose technical bid is found acceptable. The technical bid and commercial bid should be kept in a separate sealed cover and both the sealed envelopes should be kept in third envelop super scribing "**TENDER FOR PURCHASE AND INSTALLATION OF AIR-COOLED PRECISION PACKAGE UNIT (TWO UNITS)" IN FSI**

1. **The technical bid received within prescribed date and time will be opened**, in the presence of the bidders who wish to be present, **on 08-06-2015 at 1600 hrs. The representatives should carry authorization certificate from their respective firms.**
2. Bidder should clearly specify that they agree to abide by the conditions of this tender document on their printed letter head indicating here on Sales Tax Registration, FAX, Email, Telephone numbers, etc.
3. All pages of the tender document are to be signed and stamped by the tendering firm.
4. The firm should enclose company profile giving details of infrastructure and technical support group giving their brief CVs.
5. Conditional tenders shall not be accepted. This tender document is non-transferable. Bid once submitted shall not be allowed for withdrawal; failing which the Earnest Money Deposited shall be forfeited.
6. Number of corrections and or alterations in the bid must be specifically mentioned. All the corrections and alterations made in the quotations must be duly countersigned by the authorized signatory, without which tender will not be considered.

7. The technical bid should be accompanied with a **Bank Draft of 5,000.00 (Rupees five Thousand only)** as Earnest Money Deposit (refundable) payable to Assistant Director (Accounts), Forest Survey of India Kaulagarh Road, Dehradun. In case of successful bidder, the EMD would be converted in Security Deposit and will be returned on successful completion of contract period.
8. Pre-bid Conference: If considered necessary by FSI, a pre-bid conference for clarifying issues and clearing doubts if any will be done by the FSI on a date decided by the FSI at FSI. The tenderer may depute competent representative (competent to take on the spot decisions) for such discussions/negotiation whenever called for. No cost will be borne by the FSI for this purpose.
9. The rates should be quoted in Indian rupees. Only unit prices are to be quoted both in digits and in words. In case of a discrepancy in the two, that quoted in words will be taken as valid.
10. The firm should clearly mention for any taxes, duties, levies, freight, forwarding and installation for FSI. Otherwise the rates quoted by the firm shall be considered inclusive of all taxes. **Rates are to be strictly quoted in Financial Bid (Annexure - I) only, otherwise it will be considered as invalid.**
11. Bids should be valid for a minimum period of 90 days after the due date.
12. The 90% payment of the cost of equipment will be made on receipt, acceptance and satisfactory installation of new equipments and balance 10% payment will be released against bank guarantee/FDR of the same amount for the period of the warranty to cover the warranty obligations.
13. The delivery, installation and commissioning of the equipment/services should be within six weeks from date of issue of work order. No advance payment will be made for installation of hardware/equipments.
14. For the delayed delivery/installation/commissioning, liquidated damages @ 0.5% per week on entire cost of the order will be levied from the bill to the maximum of 5% after which the order will remain cancelled.
15. **The hardware and support should be covered under three years onsite comprehensive warranty from the date of satisfactory installation and commissioning of the AIR-COOLED PRECISION PACKAGE UNIT (TWO UNITS).**

16. The FSI's determination of an offer's responsiveness is to be based on the contents of the tender offer itself without recourse to extrinsic evidence. The FSI will scrutinize the offers to determine whether they are complete, whether required technical documentations have been furnished, whether the documents have been properly signed, and whether the offers are in order. Price bids of the technically disqualified firms shall not be opened & shall be returned to respective firms.
17. **No commitment to accept lowest or any tender:** FSI shall be under no obligation to accept the lowest or any other quotation received in response to this tender enquiry and shall be entitled to reject any or all offers including those received late or incomplete offers without assigning any reason whatsoever.
18. **FSI's right to accept any offer and to reject any or all offers:** FSI reserves the right to accept or reject any tender or reject all tenders at any time prior to award of contract, without thereby incurring any liability towards the affected Tenderer(s) or any obligation to inform the affected Tenderer(s) of the grounds for the FSI's action.
19. **Tenders received after the specified time** and date of opening will be treated as "Late" while tenders received after the last date specified for receipt of tender but before the date of opening of the tender are treated as "Delayed". Such tender shall not be opened at all and be returned to the bidders in their original envelope without opening.
20. **Submission of Tender Offers:** Tenders can be submitted either through Post or through Courier or By Hand. In the event of tender received after due date and time due to postal delay, the FSI will not be responsible for such delay and will not be considered by the FSI.
21. **Opening of Tenders:** Technical bids of the offers received with requisites EMD or Bid Security will be opened in the presence of representatives of the firm (if they wish to be present), on the scheduled date and time of opening of technical bid. The person attending the technical bid meeting will be required to produce an authorization letter from the dealer/company/firm/agency. All tenders received without EMD and also if the same will not comply to our tendered specifications shall be summarily rejected. The Financial Bids of the technically qualified/ successful bidders i.e. who will technically qualify the tendered specifications will be

considered for opening of their financial bids at a later date, which will be communicated to concerned suppliers before opening their Financial Bids. Unopened Price bids of the technically disqualified bidders shall be returned to them.

22. **Force Majeure**

- a) However, the Agency shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- b) For purposes of this Clause, "Force Majeure" means an event beyond the control of the Agency and not involving the Agency's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the FSI either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- c) If a Force Majeure situation arises, the Agency shall promptly notify the FSI in writing of such conditions and the cause thereof. Unless otherwise directed by the FSI in writing, the Agency shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
23. **Resolution of Disputes:** All disagreements, disputes, difference that may arise between the FSI and the Supplier which cannot be resolved through mutual negotiations shall be referred to an Arbitrator appointed in accordance with the provisions of relevant Indian Law. The venue of the proceedings and arbitration shall be Dehradun, Uttarakhand, India.
24. **Jurisdiction:** The obligations and liabilities arising out of this contract shall be construed in accordance with the laws of Union of India. The Court in Dehradun, Uttarakhand, India shall have the exclusive jurisdiction to try all or any of the disputes.

**Assistant Director (Stores)
Forest Survey of India, Kaulagarh
Road, P.O. IPE Dehradun – 248195
Uttarakhand (India)**

Financial Bid

S. No	Description	Qty	Total Cost (in Rs)
1	AIR-COOLED PRECISION PACKAGE UNIT	2	
Mention Make & Model:			

Note: The firm should clearly mention for any taxes, duties, levies, freight, forwarding and installation for FOR, FSI, Kaulagarh Road, Dehradun-248195. Otherwise the rates quoted by the firm shall be considered inclusive of all taxes.