

Tender No.22-277/2016-NFDMC

## **TENDER DOCUMENT**

# **PURCHASE AND INSTALLATION OF SMOKE DETECTION FIRE ALARM SYSTEM**

Last Date for sale of Tender Document:  
Upto 20-02-2017 (1400 hours)

Closing date & Time of receipt of Tender:  
20-02-2017 (1500 hours)

Opening of Tender:  
20-02-2017, 1600 hours



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

**Forwarding Letter**  
(To be filled in by tendering party)

From \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

**Sub: Tender for PURCHASE OF SMOKE DETECTION FIRE ALARM SYSTEM**

Ref: Your Tender notice dated .....

Sir,

**We are submitting herewith our tender for the PURCHASE AND INSTALLATION OF SMOKE DETECTION FIRE ALARM SYSTEM** 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 annexure the following documents in fulfilment 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
2. Sales Tax Registration Certificate;
3. Income Tax Clearance Certificate;
4. Undertaking regarding free training on the equipment/system
5. 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.)
6. Detailed and signed list of Guarantee/Warranty services / spares / calls / maintenance covered under warranty (comprehensive /limited etc.) duly & unambiguously explained;
7. Complete product Brochures detailing specification etc. in original regarding items tendered for;
8. List of smoke detection equipment's (nos. etc.) installed at Govt. / PSU's in Dehradun and other Govt. / PSU's institutes in the country by your company with at least three work orders executed during last two years (Enclose copies)
9. Company profile;
10. Audited Annual Report
11. Statement stating the annual turnover of Rs. Fifty Lac each during the last two financial years supported by documents

All pages of the Tender Document along with the Copy of "Terms & Conditions", Check points mentioned in Annexure have been ticked and a copy is attached 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 Open Tenders are invited for '**PURCHASE OF SMOKE DETECTION FIRE ALARM SYSTEM**' to be used at Forest Survey of India Kaulagarh Road, Dehradun are invited in two bids viz. '**Technical bid**' and '**Financial bid**' in two separate sealed envelopes and should accordingly be super scribed.

Tender document comprising full detail and terms and conditions etc. may be obtained by hand or by post from the Assistant Director (Accounts) , 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. The form can be downloaded from the website <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 getting the tender document is **20<sup>th</sup> February, 2017, 14:00 hrs.** The last date of submission of tender document is **20<sup>h</sup> February,2017 up to 15:00hrs.** **Technical Bids** shall be opened on the same day i.e. **20<sup>th</sup> February,2017 at 16:00hrs.** **The representatives should bring the authorization letter from their vendor for attending the tender opening meeting.**

- |  |   |                                 |
|--|---|---------------------------------|
| 1. Last date of getting the tender document    | - | 20.02.2017                      |
| 2. Last date for submission of tender document | - | 20.02.2017<br>up to 15:00 hours |
| 3. Opening of Technical bids                   | - | 20.02.2017<br>at 16:00 hours    |

## ELIGIBILITY CRITERIA FOR TECHNICAL EVALUATION

1. **The specifications of the quoted SMOKE DETECTION FIRE ALARM SYSTEM should be strictly as per FSI tender document and bidder should indicate the compliance (Yes/No) against the items mentioned in the specifications.**
2. The bidder has to provide tender specific authorization from the OEM to quote for the tender.
3. The bidder should be in the trade of selling of SMOKE DETECTION FIRE ALARM SYSTEM for at least five years. Documentary proof viz. work orders, to be attached.
4. The OEM appliance (hardware) 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 7 hours (maximum) after it is reported to the vendor. The faults should be rectified within 72 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 SMOKE DETECTION FIRE ALARM SYSTEM 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 SMOKE DETECTION FIRE ALARM SYSTEM at FSI.

1. Installation and configuration of SMOKE DETECTION FIRE ALARM SYSTEM.
2. The configuration of the SMOKE DETECTION FIRE ALARM SYSTEM appliance to derive fullest functionalities mentioned under the heading **“Technical Specifications for SMOKE DETECTION FIRE ALARM SYSTEM”**. Each functionality of the Alarm system should be demonstrated to FSI.
3. The vendor has to impart training to FSI personnel to configure and administer all the features of the Alarm system appliance along with documented manual. The training is to be given at FSI premises.
4. Customization of the solution as per the need of FSI.

**Annexure I**

**TECHNICAL SPECIFICATIONS FOR SMOKE DETECTION FIRE ALARM SYSTEM**

S.NO.	TECHNICAL SPECIFICATIONS AND STANDARDS FOR UNINTERRUPTIBLE POWER SUPPLY	Specification	Compliance (Yes/No)	Remarks (if any)
	Product or OEM should attain ISO 9001 certification as well as should attain ISO for its Support Services with CE certified & UL listed			
<b>1</b>	<b>Smoke Detection Control Panel</b>	28 wireless zones, Hardware zone, tamper alerts, password protection, RF jamming recognition, two way voice interaction, Feature for RF signal Strength between Band and each detector		
1.1	Hardwired Zones	2		
1.2	Display	Single line Backlit 16-character LCD with 4 LED indicators		
1.3	Alarm Types	Silent Alarm, Siren Alarm or sounder (internal) alarm, in accordance with zone attributes.		
1.4	Internal Sounder Output	At least 85 dBA at 10 ft.(3m)		
1.5	Event reporting using PSTN telephone line	Up to 4		

	dialling	telephone numbers		
1.6	Event Reporting	As per User Choice		
1.7	Remote control	Using Telephone line		
1.8	Voice interaction	Two way		
1.9	Receiver range	100-150 mts in open space		
1.10	Coding	Power code and/or code source TM		
1.11	Electrical data	230 VAC		
1.12	Power supply	50 Hz/9V AC		

S.NO.	TECHNICAL SPECIFICATIONS AND STANDARDS FOR UNINTERRUPTIBLE POWER SUPPLY	Specification	Compliance (Yes/No)	Remarks (if any)
1.13	Current Drain	Approx. 65 mA standby, 800 mA at full load and in alarm		
1.14	Back up battery pack	Minimum 8 hours back up		
<b>2</b>	<b>Wireless Smoke Detector</b>			
2.1	Supervision	a) Fully Supervised b) Ultra-sensitive Photoelectric detection with smoke in the micron range of 0.33 c) Works on Power code Protocol, easy		



		programming and enrolling to the control panel, long life 9 volt alkaline , Simple ceiling, Mount Installation bracket		
2.2	Alerts	a) Sound and Transmitted alert for smoke b) Tamper and low battery		
<b>3</b>	<b>Wireless Repeater</b>	3(Three)		
3.1	Wireless repeater should extend the range of receiver & transmitter			
3.2	Upto 16 repeater can be used in a system			
3.3	9 volt nickel cadmium rechargeable backup battery			
<b>4</b>	<b>Wireless Siren</b>			
4.1	Fully Wireless			
4.2	Loud upto 98 decibel alarm			
4.3	Rechargeable battery pack			
4.4	A fully supervised power Code outdoor (IP55) wireless siren and storage light designed for external installation			

**GENERAL CONDITIONS:**

1. The tender is to be submitted in two parts viz. 'Technical bid' and 'Financial bid' in two separate sealed envelopes and should accordingly be superscribed '**PURCHASE SMOKE DETECTION FIRE ALARM SYSTEM**' 'The financial bid of only those firms will be opened whose technical bid is found acceptable. The technical bid and financial bid should be kept in a separate sealed cover and both the sealed envelopes should be kept in third envelop superscribing "**TENDER FOR PURCHASE OF SMOKE DETECTION FIRE ALARM SYSTEM.**"
2. The technical bid received within prescribed date and time will be opened, in the presence of the bidders who wish to be present, on **20<sup>th</sup>**

**February,2017 at 16:00hrs. The representatives should carry authorization certificate from their respective firms.**

3. Bidder should clearly specify that they agree to abide by the conditions of this tender document on their printed letter head indicating hereon Sales Tax Registration, FAX, Email, Telephone numbers, etc.
4. All pages of the tender document are to be signed and stamped by the tendering firm.
5. The firm should enclose company profile giving details of infrastructure and technical support group giving their brief CVs.
6. 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.
7. 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.
8. The technical bid should be accompanied with a **Bank Draft of Rs. 5,000.00(Rupees Five Thousand only)** as Earnest Money Deposit (refundable) payable to Assistant Director (Accounts), Forest Survey of India Kaulagarh Road. 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 the 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 - II) 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 equipment's 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/equipment's.
- 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, service and support should be covered under one year onsite comprehensive warranty from the date of satisfactory installation and commissioning of the SMOKE DETECTION FIRE ALARM SYSTEM.**
- 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:** The 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, it's 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.

**Sr. Deputy Director (P & A)  
Forest Survey of India, Kaulagarh  
Road, P.O. IPE Dehradun – 248195  
Uttarakhand (India)**

**Financial Bid**

<b>S. No</b>	<b>Description</b>	<b>Qty</b>	<b>Total Cost (in Rs)</b>
1	Wireless Smoke Detector	28	
2	Smoke Detector Control Panel	1	
3	Wireless Repeater	3	
4	Siren	1	
<b>Mention Make &amp; Model:</b>			

**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.