

राज्य आपदा रिस्पॉस फोर्स, बिहटा, पटना

(आपदा प्रबंधन विभाग), बिहार

अल्पकालिक निविदा आमंत्रण सूचना सं० – 23/16

1. विभाग का नाम – राज्य आपदा रिस्पॉस फोर्स, बिहटा, पटना।
2. विज्ञापनदाता का नाम और पता – समादेष्टा, राज्य आपदा रिस्पॉस फोर्स  
(आपदा प्रबंधन विभाग), Opposite IIT Campus and adjacent to HPCL, Lai Road बिहटा, पटना।
3. निविदा प्राप्ति की तिथि एवं समय – 01 जुलाई 2016 (शुक्रवार) 11:00 बजे।
4. निविदा खोलने की तिथि एवं समय – 01 जुलाई 2016 (शुक्रवार) 12:00 बजे।
5. निविदा जमा करने का स्थान – Emergency Control Room ,  
आपदा प्रबंधन विभाग,  
पुरानी सचिवालय, पटना, बिहार-800015
6. कय किये जाने वाले उपकरणों/सामग्रियों का ब्योरा।

क्रमांक	सद का नाम एवं गुणस्तर	खरीद की मात्रा (अदद में)
1.	Human Life Detector Type -I	02 Nos

निविदा के नियमों जानकारी के लिए राज्य आपदा रिस्पॉस फोर्स से कार्यालय अवधि के दौरान सम्पर्क किया जा सकता है इसे आपदा प्रबंधन विभाग, बिहार की वेबसाइट [www.disastermgmt.bih.nic.in](http://www.disastermgmt.bih.nic.in) तथा पी०आर०डी०, बिहार पर भी देखा जा सकता है।

*(Handwritten Signature)*  
01/07/16

समादेष्टा  
एस०डी०आर०एफ०  
बिहटा, पटना

Name and Singature of tenderer with Stamp



राज्य आपदा रिस्पॉस फोर्स, बिहटा, पटना

(आपदा प्रबंधन विभाग), बिहार

अल्पकालिक निविदा आमंत्रण सूचना सं० 23/16

1. विभाग का नाम – राज्य आपदा रिस्पॉस फोर्स, बिहटा, पटना।
2. विज्ञापनदाता का नाम और पता – समादेष्टा, राज्य आपदा रिस्पॉस फोर्स (आपदा प्रबंधन विभाग), Opposite IIT Campus and adjacent to HPCL, Lai Road बिहटा, पटना।
3. निविदा प्राप्ति की तिथि एवं समय – 01 जुलाई 2016 (शुक्रवार) 11:00 बजे।
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5. निविदा जमा करने का स्थान – Emergency Control Room , आपदा प्रबंधन विभाग, पुरानी सचिवालय, पटना, बिहार – 800015
6. कय किये जाने वाले उपकरणों/सामग्रियों का ब्योरा –

क्रमांक	वस्तु का नाम एवं गुणस्तर	खरीद की मात्रा (अदद में)
1.	Human Life Detector Type -I	02 Nos

### SPECIFICATION FOR HUMAN LIFE DETECTOR TYPE-I

Qualitative Requirements	Qty to be purchased
<p><b>GENERAL</b></p> <p>Life detector a seismic/acoustic listening device, light weight and easy to carry, designed specially to detect and locate trapped, live victims in collapsed structures caused by earthquakes, explosion, landslides, construction cave-ins or mine disasters and should include the control unit, sensors, sensors spikes, connecting cables and spools, Magnetic Clamps, Headphones, intercom probe, AC power supply battery pack and carry bag (for control unit) with all required accessories.</p> <p>The Life Detector should be provided with 4/6 sensors.</p>	02 Nos



## TECHNICAL SPECIFICATIONS

(F) MAIN UNIT

### INPUT OF SENSOR/INTERCOM/PROBE

Seismic sensor input impedance : > 6K Ohms

Intercom probe input impedance : > 3 K Ohms

### HEADSET OUTPUT

For headphones : 1/4" stereo jack

Output power, variable : 0.13 W/60 Ohms

### FREQUENCY RANGE

1 Hz to 3000 Hz

### FILTERS (FIXED SWITCH ABLE)

"Rumble" : High pass 100 Hz

"PWR" : Notch 50 Hz and 60 Hz

"Hiss" : Low pass 600 Hz

### SIGNAL DISPLAY

LED Bar graph any 2 channels or sum of all channel, range 60 db.

### (I) SEISMIC/ ACCOUSTIC SENSOR (POSITION INSENSITIVE)

Frequency Range : 1 Hz to 300 Hz

Shock resistant : > 1000 g

### (J) © POWER SUPPLY

Battery operated, low battery alert

Alkaline battery type: Appropriate Operating time at approx. 20 deg. C : > 20 hrs.

Ext. DC Input : 10.8 to 28.8 VDC

AC/DC converter,

AC line frequency : 47 to 63 Hz

Nominal AC line voltage : 100 to 240 VAC

### (K) AMBIENT TEMPERATURE

Storage and transport : -20 degree to + 70 degree C

Nominal operating range : -15 degree to + 60 degree or more.

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### Each system /life detector should contain following:-

1) sensor spike - 6 Nos (2) Magnetic sensor clamp – 2 Nos (3) Lithium ion

rechargeable battery stick -2 Nos (4) Lithium ion battery stick charger 01 Nos (5)

Power supply 01 Nos (6) Carry bag for Interface unit 01 Nos (7) lanyard strap 01

Nos (8) Cable connector cap ,pack of 6 qty 01 Nos (9) Sensor connector cap 2 Nos

(10) Operation/ maintenance manual 01 Nos (11) Case 01 Nos (12) Field operation

guide 01 Nos ( 13) Life detector Display interface 01 Nos (14) Seismic sensor,

#1,#2,#3,#4,#5,#6 all number sensor one each & Acoustic sensor #1, 01 Nos (15)

Head Phone with boom Mic 02 Nos (16) Sensor connecting cable 10



M on spool 6 Nos

(17) Sensor Connecting cable ,3M 1 Nos.

**NOTE**

- 01 The tendered shall indicate the make/ model in their offer.
- 02 The tendered shall furnish the clause -by clause compliance statement. In case there is any deviation the same should be clearly brought out in the offer.
- 03 They shall mention the relevant BIS/EN/ DIN/ UL certificate of the product offered.
- 04 Technical, manual comprising of servicing details shall be supplied with system.
- 05 Relevant Test Certificates shall be provided from a Govt. approved laboratory or from the manufacturer, along with their offer.
- 06 The confirmation that the stores are meeting the specification should be supported by adequate Documents/Literature etc.
- 07 These Documents of all stores offered be numbered and attached after all appendices and the numbering may be in continuation.

क्रय किये जाने वाले items के specification की जानकारी के लिए राज्य आपदा रिस्पॉस फोर्स से कार्यालय अवधि के दौरान सम्पर्क किया जा सकता है इसे आपदा प्रबंधन विभाग, बिहार की वेबसाइट [www.disastermgmt.bih.nic.in](http://www.disastermgmt.bih.nic.in) तथा पी0आर0डी0, बिहार की वेबसाइट पर भी देखा जा सकता है.

**TERMS AND CONDITIONS**

7. The tender should be submitted in two parts (a) Technical bid and (2) Financial bid, duly sealed in two separate envelopes. If the two bids are submitted in the same envelope, then it shall be summarily rejected.

Name and Singature of tenderer with Stamp



8. The rates shall be quoted only in the Financial bid. All charges like BST/CST/Service Tax/VAT etc. Shall be clearly mentioned but net rate (in figures and words) including all taxes etc. Shall be clearly mentioned. Vague offers like "Taxes as applicable" will be summarily rejected. There should be no cutting, overwriting or correction in the rates.
9. All relevant papers/certificates/specification etc. of items should be enclosed in the Technical bid. Only authorized dealer or Manufacturer of above equipment will participate in tender formality. Authorised dealers/authorized suppliers of manufacturing firm will have to enclose a copy of the authorization letter from the manufacturer. Sub dealer will also not be eligible for participation in tender.
10. The envelopes should be marked "Tender No-23/16 (Technical Bid) and Tender No- 23/16 (Financial Bid) along with the name and address of the firm. The sealed envelopes containing the Technical and Financial bids should be enclosed in another sealed envelope which should be marked as "Tender No- 23/16 and name of the items for which tender has been quoted. This envelope should not bear the name and address of the firm.
11. Up to date Income Tax Returns of the preceding 3 years and photocopy of PAN of the participating firm should be submitted along with the technical bid. IT Returns should have stamp and signature of the concerned Firm, whether filed manually or electronically.
12. The turn-over of the firm for the financial year 2015-16 should be at least double the amount of the supply order which is being issued. In case turn over of 2015-16 is not available with the firm turn over of 2014-15 must be enclosed. A copy of the profit and loss a/c of the firm for the financial year 2015-16 or 2014-15 ( as per the availability) certified by a Chartered Accountant should be submitted along with the tender. Turn over of the firm which is participating in the tender formality will only be considered.
13. The firm participating in the tender formality will must be registered with the commercial Tax Department, Govt of Bihar. Tenderer must enclosed copy of the firm's registration.
14. If there is some discount in the price of any item, it should be deducted from the price itself and should not be quoted separately.

Name \_\_\_\_\_ of tenderer with Stamp



15. It will be responsibility of the successful bidder to deliver the items at SDRF Camp Bihta. The rates should be quoted taking the transportation costs into account. No road permit will be provided by unit for transportation of goods.

16. Firms will have to deposit a sum equivalent to ten percent of the bid amount, rounded off to the next thousand, subject to minimum of Rs. 10,000/-(Ten Thousand) and a maximum of Rs.25,000/-(Twenty Five Thousand) only as earnest money in the form of postal saving pass book/NSC/Bank draft duly pledged in favour of Commandant ,SDRF, Bihta,Patna along with the tender document.

17. Technical bids will be opened on 01 Jul 2016 at 12 AM at State Emergency Control room, Disaster Management Department, Old Secretariat, Patna. The representatives of the tenders may remain present at the time of opening of technical bids.

18. The Technical bids will be put up before the purchase Committee. The date, time and venue of the Purchase Committee meeting for the purpose will be intimated to the tenderer in advance. The representatives of the tenders may remain present in this meeting and may have to participate in discussions with this Committee and are required to demonstrate the quoted product. Any more papers/documents will not be accepted after opening the tender.

19. Only those tenders whose technical bids are found successful, their Financial bids will be opened by the Purchase Committee on specified place, date & time to be intimated to bidders in advance. Before opening the price bid, demonstration of item is essential. Representatives of the tenderers may remain present at the time of opening of the Financial bids. No additional time will be provided for arrangement of sample for demonstration. Sample of the firm declared successful shall be retained by unit.

20. Successful firm will have to enter into an agreement after depositing a sum of 5% of the total value of the stores as security money in the form of Postal Savings Pass Book/NSC/Bank Guarantee duly pledged in favour of Commandant, SDRF, Bihta, Patna.

Name and Signature of Tenderer with Stamp



21. The firm should give details of item wise after-sale service to be provided by them.

22. The firm will be required to supply all the items within 30 days from the date of placing of order. However, the Commandant, SDRF, Bihta, Patna may extend this period in case of genuine difficulties /reasons put up by the firm.

23. Payment for delivered items will be made after receiving OK report from the inspection Committee. The rules applicable for Vat and income tax deductions would be followed.

24. The firm whose quotation is approved shall be issued memo of Acceptance of the tender (A/T). Purchase order shall be issued only after the firm enters into agreement with the undersigned. Terms & Conditions of the agreement shall be intimated in the A/T.

25. The firm shall have to ensure Hands on Training of the SDRF personnel.

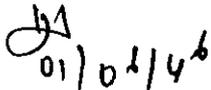
26. Product leaflets or Browser must be enclosed in technical bid which can state that the product is meeting the specification. Relevant portion may be marked or underlined.

27. The equipment quoted in tender for purchase by the unit must have guarantee/warranty for two year from the date of acceptance of store by unit. Guarantee/Warrantee will be comprehensive i.e inclusive of all consumables and spares of all types(except fuel and will be implemented on site as.

(a) After intimation of defect to firm maximum time of repair/replacement of equipment will be 15 days.

(b) Penalty for non repair beyond the repair time i.e 15 days will be @ 0.5% per week or part thereof of the cost of the goods/stores/equipment/article in case the store is rendered non-operational due to defect.

28. Commandant,SDRF,Bihta,Patna reserve the right to reject any or all the quotations partially or fully without assigning any reason.

  
(Binod Kumar)  
Commandant  
SDRF,Bihta

Dated :

Name and Signature of Tenderer with Stamp

