

राज्य आपदा रिस्पॉस फोर्स,बिहटा,पटना
(आपदा प्रबंधन विभाग),बिहार

अल्पकालिक पुर्न निविदा आमंत्रण सूचना सं०- 25/2016

1. विभाग का नाम-राज्य आपदा रिस्पॉस फोर्स,बिहटा,पटना।
2. विज्ञापन दाता 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 - 09 सितम्बर 2016 (शुक्रवार) 11:00 बजे।
4. निविदा खोलने की तिथि एवं समय - 09 सितम्बर 2016 (शुक्रवार) 12:00 बजे।
5. निविदा जमा करने का स्थान - **Emergency Control Room ,**
आपदा प्रबंधन विभाग,
पुरानी सचिवालय,पटना,बिहार - 800015
6. क्रय किये जाने वाले उपकरणों/सामग्रियों का ब्योरा ।

क्रमांक	मद का नाम एवं गुण स्तर	खरीद की मात्रा (अदद में)
1.	VICTIM LOCATION SYSTEM WITH BREACHING SYSTEM	06 Nos

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



10/9/16
समादेष्टा
एस०डी०आर०एफ०
बिहटा, पटना

राज्य आपदा रिस्पॉस फोर्स, बिहटा, पटना
(आपदा प्रबंधन विभाग), बिहार

अल्पकालिक पुर्न निविदा आमंत्रण सूचना सं0-25/2016

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आपदा प्रबंधन विभाग,
पुरानी सचिवालय, पटना, बिहार -800015
6. कय किये जाने वाले उपकरणों/सामग्रियों का ब्योरा :-

क्रमांक	मद का नाम एवं गुण स्तर	खरीद की मात्रा (अदद में)
1.	VICTIM LOCATION SYSTEM WITH BREACHING SYSTEM	06 Nos

Name and Singature of tenderer with
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SPECIFICATION OF VICTIM LOCATION SYSTEM WITH BREACHING SYSTEM

Qty
06
Nos

1. Victim location systems to be acquired are designed for location and rescue of victims trapped under debris during natural calamities or in mine collapses or confined space disasters. They enable insertion below the debris of a telescopic probe which mounts, at its head, a sensitive articulable video camera, supported by appropriate illumination, whose images can be viewed by the operator and other rescue personnel on remote display monitors. The system also integrates a two - way audio system which can pick up life sounds from the victim and also permits the passage of spoken instructions or assurances to him from the rescue team. Since a rigid telescopic probe has limitations on how far it can be inserted, the camera, light and sound system can also be mounted on one end of a cable which can be used to reach greater depths.
2. The required Breaching System is a heavy duty drill used for making an entry hole for the probe of the victim location system through debris at the disaster site, or other overlying material required to be breached to enable the search camera to access underlying void spaces. It should allow rescue teams to breach most common construction materials with only one system. It coring bits, carbide tipped diamond studded should be able to bore through wood, nails, sheet metal and roofing materials and reinforced concrete. The system should have a collar for attachment of coring bits as well as for cooling water to be delivered to the spinning carbide tipped diamond studded bits when used.

Capabilities Required (Victim Location System)

- The system's primary configuration will be based on a video camera mounted at one end of a rigid tel.escopic probe which can reach out into depths and void spaces upto a distance greater than 9ft.
- The colour video camera should be minimum, 1/3/1 double scan colour CCD with 4,70,000 pixel or more with low light sensitivity to better than 0.1 Lux. The camera head should have travel articulation of 180^o total, right to left, with a viewing area not less than 120^o. Illumination to be provided by a 16 element LED/xenon lamp integrated into the camera head which can illuminate up to 6m or more in total darkness.
- The system will be provided with two display monitors, one at the operator level and the second for remote viewing by other rescue personnel at a distance not less than 20 m from the operator position. The monitors should be flat screen LCD active matrix of minimum size 6" measured diagonally.
- The system will be provided with a two-way audio system. Maximum Gain will be better than 90 dB. The camera will also house a speaker. The operators' headset will incorporate noise attenuating earphones and a boom microphone through which messages or instructions may be passed to the victim through the speaker housed in the camera piece.
- The system should not require more than two persons to operate, one operator to handle and control the probe and the second operator for the system functions, as well as viewing of the monitor. The probe operator will be provided ergonomic controls.



- The probe should not weigh more than 5 kgs.
- Two rechargeable dry batteries and a charger should be provided. The batteries should enable 3 hours continuous use and the charger should recharge these to 90% in less than two hours.
- The system should be capable of operation in a temperature range of -10^o to 50^o C.

Storage temperature - 0^o C to 36^o C

Humidity - 10 % to 90%
relative

Water resistant- High water resistant

Capabilities Required (Breaching System).

- Power head weight- not more than 12 kgs.
- Boring speed- not less than 5 Cms per minute in standard construction grade concrete.
Breaching depth - 150 cm
- Bits- carbide tipped diamond stubbed bits (min.dia-52mm) capable of coring holes of minimum diameter of 55 mm (55mm).
- Cooling- pressurized water can, 2 gallon capacity with not less than 3 m hose with quick connect fittings.
- Field service kit- Canvas storage pouch, spare fuel tank cap, starter recoil assembly, allen key set for starter assembly, spare spark plug, spark plug wrench, copper washer, garden hose to water collar adaptor.

Scope of Supply

- Complete victim location system with camera mounted on rigid telescopic frame extendable to length > 9ft along with video display monitor, two-way audio system incorporating search microphone and communication speakers in camera housing and under-helmet headset with earphones and boom microphones, operator consoles all packed in an appropriate water tight, dust proof carry case.
- Separate remote hard-wired display monitor with extension cable to 20 m.
- Two batteries and charger.
- Complete Breaching System in appropriate carry case with two additional diamond and coring bits each.

NOTE

1. The confirmation that the stores are meeting the specification should be supported by adequate Documents/Literature etc.
2. These Documents of all stores offered be numbered and attached after all appendices and the numbering may be in continuation.

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कय 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 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.

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. Sub dealer means a dealer who is not authorised by manufacturer.

10. The envelopes should be marked "Tender No-25/2016 (Technical Bid) and Tender No- 25/2016 (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-25/2016 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.

Name and Singature of tenderer with Stamp



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. If Xerox copy of firm's registration is not enclosed with tender document it would be rejected.

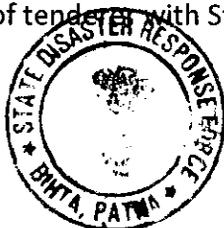
14. If there is some discount in the price of any item, it should be deducted from the price itself and should not be quoted separately.

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 09 Sep 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.

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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. Unit may increase or decrease the demand while placing supply order.

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. Firm may have to demonstrate their equipment within one week. No additional time will be provided for arrangement of sample for demonstration. Sample of the firm declared successful shall be retained by unit. It is essential for firms declared successful in technical bid to be present with their equipment for demonstration on specified date & time, other wise unit/dept may take adverse view.

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.

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.

Name and Singature of tenderer with Stamp



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 .
- (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.

Dated :



Binod Kumar
(Binod Kumar)
Commandant
SDRF, Bihta

Name and Singature of tenderer with Stamp