

आपदा रिस्पॉस फोर्स, बिहटा, पटना

(आपदा प्रबंधन विभाग), बिहार

**अल्पकालिका निविदा आमंत्रण सूचना सं0 6/13**

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 – 15 जनवरी 2014 (बुधवार) 11:00 बजे।
4. निविदा खोलने की तिथि एवं समय – 15 जनवरी 2014 (बुधवार) 12:00 बजे।
5. निविदा जमा करने का स्थान – Emergency Control Room ,  
आपदा प्रबंधन विभाग,  
पुरानी सचिवालय, पटना, बिहार  
(Contact No-8084101239)
6. क्य किये जाने वाले उपकरणों/सामग्रियों का ब्योरा –

क्रमांक	मद का नाम एवं गुणस्तर	खरीद की मात्रा (अदद में)
1.	Personnel Diving Kit (Diving suit, Breathing apparatus, weight belt , gloves , dive fins	12 Nos
2.	High Pressure breathing air compressor	02 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 वेबसाइट [www.disastermgmt.bih.nic.in](http://www.disastermgmt.bih.nic.in) पर भी देखा जा सकता है।



*गणेश*  
समादेष्टा  
एस0डी0आर0एफ0  
बिहटा, पटना

राज्य आपदा रिस्पॉस फोर्स, बिहटा, पटना

(आपदा प्रबंधन विभाग),बिहार

**अल्पकालिका निविदा आमंत्रण सूचना सं0 6/13**

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आपदा प्रबंधन विभाग,  
पुरानी सचिवालय,पटना,बिहार  
(Contact No-8084101239)
6. कय किये जाने वाले उपकरणों/सामग्रियों का ब्योरा –

क्रमांक	मद का नाम एवं गुणस्तर	खरीद की मात्रा (अदद में)
1.	Personnel Diving Kit (Diving suit, Breathing apparatus, weight belt , gloves , dive fins	12 N0s
2.	High Pressure breathing air compressor	02 Nos

**PERSONAL DIVING KIT**

**(a) WEIGHT BELT**

QUALITATIVE REQUIREMENT	Qty to be purchased
Waist belt is made of polypropylene/ nylon fabric and have a quick release non- breakable buckle of plastic of adjustable size of tightening. 1. Four polypropylene fabric pouched molded to the weight belt to put weights of 1 Kg (04 Nos ) inside. The pouch opening independently on top to have button Velcro. 2. The belt is adjustable 30” – 45” range in length, 3 mm thick and 2” broad. 3. Colour : Black Weight – 1 Kg lead ( 04 numbers )	12 Sets

## **(b) Dive Fins**

QUALITATIVE REQUIREMENT	TO be purchased
<ol style="list-style-type: none"><li>1. Colour - black</li><li>2. length – not less than 17"</li><li>3. Width – Not less than 4" ( top ) and 8.8" (Bottom). Dimension tolerance +</li><li>4. Material – Thermoplastic rubber / natural rubber. Should not skid even on a wet metal deck.</li><li>5. <b>Hydrodynamic shape</b> – the shape of the fin to facilitate:-<ol style="list-style-type: none"><li>a) Max Propulsion whilst swimming in water using flutter and frog kick.</li><li>b) Suitable for swimming for long without causing undue.</li></ol></li><li>6. <b>Shoes Pocket</b>;- Pocket should be 7" – 8" deep with an adjustable back strap ( not less than 1.5 inch in width). Inner part should be made of soft rubber for use with bare feet. One additional back strap should be supplied with the fins.</li><li>7. <b>Buoyancy</b>: - Approximately 10% negatively buoyant.</li></ol>	12 Sets

## **(c) GLOVES**

QUALITATIVE REQUIREMENT	TO be purchased
<ol style="list-style-type: none"><li>1. Gloves should be made of neoprene</li><li>2. The palm of the gloves should be made up of anti slippery polyurethane</li><li>3. Thickness should be not less than 5 mm</li><li>4. Gloves should be water proof at a depth of not less than 50 mtrs</li></ol>	12 Sets

## **(d) BA SETS LIGHT WEIGHT WITH SPARE CYLINDERS**

### **(UNDER WATER)**

QUALITATIVE REQUIREMENT	TO be purchased
<p><b><u>DIMENSIONS</u></b>: A variation of 5% to 10% is acceptable.</p> <ol style="list-style-type: none"><li>a) Nominal Capacity of Set 8-12 liters.</li><li>b) Charging Pressure 250-300 bars.</li><li>c) Capacity of set after charging At least 2400 liters.</li><li>d) Weight of the set Not more than 20 Kg.</li><li>e) Weight in water Not more than 03 Kgs.</li><li>f) Cylinders make As for as possible to be Composite material with unlimited life.</li></ol> <p><b><u>SPECIFICATION</u></b></p> <ol style="list-style-type: none"><li>(a) As far as possible the set to have a wide vision full-face mask. The straps provided should form a effective seal on to the face.</li><li>(b) Re-breathing of carbon dioxide enriched exhaled air must be</li></ol>	12 Sets

eliminated and the breathing resistance must be as low as possible whilst the equipment must have sufficient capacity to cater for even an extremely hard work rate.

(c) In case the diver does not want to use the full face mask then the breathing valve with mouth piece should suffice for the use underwater.

(d) Mouth piece to have separate inhale and exhale channels so that the moisture from the diver cannot get deposited in the inlet section of the breathing valve. This avoids risk of valve freezing in open positions.

(e) There should be a mechanism to have a reserve air in the set and indication to that effect available.

(f) As far as possible the set should be designed for use in temperatures range of minus 10 degree Celsius to 50 degree Celsius.

(g) The set should withstand sea state up to 5 .

### **(e) DIVING SUIT**

<b>QUALITATIVE REQUIREMENT</b>	<b>TO BE PURCHASED</b>
<p>01. The driver wet suit is for use by the divers operating underwater, which can be easily seen whilst on the surface of water. The basic design of one piece with sleeves upto the length of arm and the portion below torso up to ankle level (below knee).</p> <p>2. The wet suit provided without hood. The suit has a cut designed to avoid under arm- seams.</p> <p>3. The lower part of the suit fully covers the legs stopping just above feet/ankle.</p> <p>4. The suit is entirely non- magnetic.</p> <p>5. The diver will able to done the suit very easily and feel comfortable.</p> <p>6. The above wet suit is made from macro cellular neoprene.</p>	12 Sets

### **High Pressure breathing air compressor**

<b>QUALITATIVE REQUIREMENT</b>	<b>TO BE PURCHASED</b>
<p>01. GENERAL DIMENSIONS :-</p> <p>i. The set is lightweight, rugged &amp; trans- portable (with lockable wheels) &amp; weight up to 175 Kg.</p> <p>ii. Operating Pressure 300 to 200 bar and able to fill cylinders at 300 bar as well as 200 bar (or any pressure between 300 to 200 bar) by simply selecting/setting the pressure setting on a pressure switch on the compressor.</p> <p>iii. Charging rate 9 cfm (+/-5%) for standard international filling norm.</p> <p>03. GENERAL FEATURES :-</p> <p>i. Compact, robust, not require any foundation.</p> <p>ii. Design ensures minimum wearing of components and ease of</p>	02 Nos

maintenance.

iii. Filtration system intake and at final point of use to ensure highest level of purity of air delivered and to ensure that the quality of breathing air is as per EN 12021 or CGA-E or any equivalent international standard for Breathing Air. The firm furnish test certificate from Govt. Approved/international or equivalent.

iv. Provision for full range of automated control devices to monitor both compressor and working conditions should be provided. The compressor should have noise up to 85 dB at 1M distance. The control panel on the compressor has the START, STOP and EMERGENCY STOP button. The panel have pressure switch where the user can select level of pressure at switch he wants to fill the cylinder.

The compressor stop when desired pressure is reached i.e. the compressor has the feature of AUTO STOP". The compressor also have feature of AUTO DRAIN of the moisture in the system and it should get drained at regular intervals. The disposal of the drain pollution free in a tank. The compressor has inter stage control device and final stage pressure gauge for the operator to monitor. The compressor also has OIL LEVEL INDICATOR.

v. Eco friendly condensate collection.

vi. Construction modular type.

vii. Machine is electric driven suitable for 3 phase 400-440 V 50 HZ supply.

कृपया किये जाने वाले items के specification की जानकारी के लिए राज्य आपदा रिस्पॉंस 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) 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. Authorised dealers/authorized suppliers of manufacturing firm will have to enclose a copy of the authorization letter from the manufacture.

10. The envelopes should be marked Tender No- 6/13(Technical Bid) and Tender No- 6/13 (Financial Bid) alongwith 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- 6/13. This envelope should not bear the name and address of the firm.

11. Uptodate Income Tax Returns of the preceding 3 years and photocopy of PAN of the participating firm should be submitted alongwith 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 2012-13 should be atleast double the amount of the supply order which is being issued. A copy of the profit and loss a/c of the firm for the financial year 2012-13 certified by a Chartered Accountant should be submitted alongwith the tender. If the tenderer is an authorized dealer and authorized supplier of a manufacturing firm, Then the certified details of the turnover of the authorized firm will be accepted.

13. If the bidder has local corporate office/Local office /Agent/Authorised Dealer in Bihar, registered with Commercial Taxes Department, Govt of Bihar, Patna, the relevant details should be mentioned in the tender. Registration of bidder with the commercial tax Dept, Govt of Bihar is essential .

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.

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 alongwith the quotations.

17. Technical bids will be opened on 15 Jan 2014 at 12 AM at Emergency Control room, Disaster Management Department, Old Secretariat, Patna (Contact No -8084101239 ). 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 tenders in advance. The representatives of the tenders may remain present in this meeting and may have to participate in discussions with this Committee and/or be 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 on date & time to be intimated to bidders in advance. Re- presentatives of the tenderers may remain present at the time of opening of the Financial bids.

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, Bihat, Patna.

21. The firm should give details of itemwise 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.

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



*(Gopal Prasad)*  
13/11/13  
(Gopal Prasad)  
Commandant  
SDRF,Bihta