

# उत्तर प्रदेश फायर सर्विस मुख्यालय लखनऊ।

चतुर्थ/पंचम तल, इंदिरा भवन, अशोक मार्ग, लखनऊ-226001

पत्रसंख्या:-बाईस-एफएस(टी)-212-2013

दिनांक:लखनऊ:नवम्बर 26,2013

## निविदा सूचना

उत्तर प्रदेश अग्निशमन सेवा हेतु निम्नलिखित अग्निशमन उपकरणों/वाहनों/मशीनों/संयन्त्रों /सामग्री के क्रय निर्माण के लिए निर्माता/अधिकृत डीलरों से सील बन्द निविदाये आमंत्रित की जाती है:-

क्र० सं०	निविदा संख्या	उपकरण का नाम	मात्रा	अर्नेस्ट मनी (रु०में)	निविदा प्रपत्र का मूल्य(रु०में)
1	2	3	4	5	6
1-	बाईस-एफएस(टी०)-226-2013 (आपदा राहत)	वाटर टेण्डर टाइप बी छोटा की बाड़ी का निर्माण	14	3,35,000/-	342/-
2	बाईस-एफएस(टी०)-227-2013	वाटर टेण्डर टाइप बी बड़ा की बाड़ी का निर्माण	08	1,90,000/-	342/-
3	बाईस-एफएस(टी०)-228-2013 (आपदा राहत)	पोर्टेबल पम्प छोटा(275एलपीएम) (14+19 = 33)	33	50,000/-	342/-
4	बाईस-एफएस(टी०)-229-2013	रेस्क्यू सेट-स्प्रेडर/ कटर/काम्बीटूल /प्राइमओवर/ न्यूमैटिक बैग/ टेलीस्कोपिक रैम्प/हैण्ड पम्प (पेट्रोल आपरेटेड) इत्यादि।	12 सेट	6,50,000/-	342/-
5	बाईस-एफएस(टी०)-230-2013	थर्मल इमैजिंग कैमरा (6+2 = 08)	08	1,25,000/-	342/-
6	बाईस-एफएस(टी०)-231-2013	रोप लांचर(एसेण्डर/डिसेण्डर) मय एसेसिरीज	03 सेट	50,000/-	342/-
7	बाईस-एफएस(टी०)-232-2013	ड्रैगन टार्च	151	14,000/-	257/-
8	बाईस-एफएस(टी०)-233-2013	Confined Space Entry Kit (01 No. Retractable Fall Arrester Block/ 01No.Winch/ 01 No. Tripod & 04 Nos. Full Body Harness)	40 सेट	52,000/-	342/-
9	बाईस-एफएस(टी०)-234-2013	फायर फाइटिंग बूट्स	294 जोड़ा	20,000/-	342/-
10	बाईस-एफएस(टी०)-235-2013	स्मोक एक्जैस्टर	40	2,75,000/-	342/-
11	बाईस-एफएस(टी०)-236-2013	फोम जनरेटर	30	70,000/-	342/-
12	बाईस-एफएस(टी०)-237-2013	एक्सटेंशन लैडर 35 फिट	50	72,000/-	342/-
13	बाईस-एफएस(टी०)-238-2013	मनीला रोप 20एमएम डायमीटर ISI मार्क	5000 किग्रा0	12,000/-	257/-
14	बाईस-एफएस(टी०)-239-2013	कपलिंग 04इंच साइज	37जोड़ा	4,000/-	171/-

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क्र० सं०	निविदा संख्या	उपकरण का नाम	मात्रा	अर्नेस्ट मनी (रु०में)	निविदा प्रपत्र का मूल्य(रु०में)
1	2	3	4	5	6
15	बाईस-एफएस(टी०)-240-2013	हाईड्रोलिक टूल्स-(हाईड्रोलिक स्प्रेडर/कटर/काम्बीटूल/रैमजैक/ हाइड्रोलिक पम्प इत्यादि	04सेट	1,20,000/-	342/-
16	बाईस-एफएस(टी०)-241-2013	सर्च कैम	04	70,000/-	342/-
17	बाईस-एफएस(टी०)-242-2013	प्राक्सीमिटी सूट/ पर्सनल प्रोटेक्टिव इक्वूपमेन्ट(पी०पी०ई०) 24+10 = 34	34	39,000/-	342/-
18	बाईस-एफएस(टी०)-243-2013	केमिकल सूट	24	29,000/-	342/-
19	बाईस-एफएस(टी०)-244-2013	न्यूमैटिक जैक सेट	04	84,000/-	342/-
20	बाईस-एफएस(टी०)-245-2013	Aerial Sentry System	02	52,000/-	342/-
21	बाईस-एफएस(टी०)-246-2013	लाइटिंग टावर	04	10,000/-	257/-
22	बाईस-एफएस(टी०)-247-2013	आर.सी.सी. कटिंग सरकुलर सॉ	04	23,000/-	342/-
23	बाईस-एफएस(टी०)-248-2013	डायमण्ड सॉ	04	4700/-	171/-
24	बाईस-एफएस(टी०)-249-2013	लाइफ डिटेक्टर	02	80,000/-	342/-
25	बाईस-एफएस(टी०)-250-2013	लाइफ डिटेक्टर(एकास्टीक बेस)	02	38,000/-	342/-
26	बाईस-एफएस(टी०)-251-2013	कंकरीट ब्रेकर	08सेट	14,000/-	257/-

2- उपरोक्त उपकरण के आपूर्ति हेतु इच्छुक फर्म निविदा फार्म मय टेक्निकल/ फाइनेंसियल बिड व शर्तों सहित निविदा प्रकाशन की तिथि से किसी भी कार्य दिवस में उत्तर प्रदेश फायर सर्विस मुख्यालय से प्रातः 10:00 बजे से 5:00 बजे के मध्य वॉछित धनराशि का बैंक ड्राफ्ट/डिमाण्ड ड्राफ्ट (राष्ट्रीयकृत बैंक द्वारा निर्गत) अपर पुलिस महानिदेशक, फायर सर्विस के नाम से बनवाकर कर प्राप्त किये जा सकते हैं। जिन निविदाकर्ताओं को निविदा प्रपत्र स्पीडपोस्ट से प्राप्त करना हो उन्हें निविदा प्रपत्र के मूल्य के अतिरिक्त रु०100/- (डाक व्यय अतिरिक्त) का बैंक ड्राफ्ट/ डिमाण्ड ड्राफ्ट (राष्ट्रीयकृत बैंक द्वारा निर्गत ही स्वीकार किया जायेगा)) अपर पुलिस महानिदेशक ,फायर सर्विस उत्तर प्रदेश लखनऊ (पेबुल एट लखनऊ) के नाम भेजना होगा। इस संबंध में डाक में हुई किसी प्रकार के विलम्ब का उत्तरदायित्व फायर सर्विस मुख्यालय का नहीं होगा ।

3- प्रत्येक उपकरण/सामग्री की सम्पूर्ति हेतु अलग-अलग निविदा प्रपत्र (तकनीकी आफर एवं वित्तीय आफर) प्रस्तुत करना होगा।

4. उपकरण/सामग्री की सम्पूर्ति हेतु उपकरण के तकनीकी आफर में केवल एक ही माडल का उल्लेख किया जायेगा। तकनीकी आफर में यदि एक से अधिक माडल का उल्लेख पाया जायेगा तो निविदा निरस्त कर दी जायेगी।

5. प्रत्येक उपकरण/सामग्री के निविदा के लिए उनके समक्ष अंकित धरोहर धनराशि/ अर्नेस्टमनी (बैंक ड्राफ्ट/ डिमाण्ड ड्राफ्ट/बैंक गारण्टी- राष्ट्रीयकृत बैंक द्वारा निर्गत ही स्वीकार किया जायेगा) अपर पुलिस महानिदेशक, फायर सर्विस उत्तर प्रदेश लखनऊ(पेबुल एट

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लखनऊ) के नाम से भेजना होगा। अर्नेस्टमनी के अभाव में निविदा पर विचार नहीं किया जायेगा।

6. सफल निविदादाता को आदेश मूल्य का 10 प्रतिशत की दर से **सिक्योरिटी मनी (एफ0डी0आर0 /बैंक ड्राफ्ट/बैंक गारण्टी - राष्ट्रीयकृत बैंक द्वारा निर्गत ही स्वीकार किया जायेगा)** जमा करना होगा, जिसे गारण्टी/वारण्टी अवधि समाप्ति के बाद वापस कर दिया जायेगा।

7. विभाग न्यूनतम निविदा को स्वीकार करने के लिए बाध्य नहीं होगा तथा किसी भी निविदा को बिना कारण बताये आंशिक या पूर्ण रूप से अस्वीकार करने एवं क्रय किये जाने वाले उपकरणों की संख्या घटाने व बढ़ाने का भी पूर्ण अधिकार होगा।

8. निविदादाता द्वारा टेण्डर की शर्तें पूर्ण न करने पर निविदा निरस्त कर दी जायेगी।

9. जो फर्म अर्नेस्टमनी/निविदा शुल्क जमा करने से छूट के लिए दावा करती है, उन फर्मों को इस सम्बन्ध में सक्षम प्राधिकारी द्वारा निर्गत अर्नेस्टमनी से छूट प्रदान करने सम्बन्धी वैद्य प्रपत्र को प्रमाणित कर(हस्ताक्षर मय मुहर) तकनीकी आफर के साथ उपलब्ध कराया जाना अनिवार्य है।

10- जो फर्म निविदा शुल्क जमा करने से छूट के लिए दावा करेगीं उन फर्मों को भी निविदा के साथ निविदा प्रपत्र के मूल्य के बराबर वांछित धनराशि का बैंक ड्राफ्ट/ डिमाण्ड ड्राफ्ट (राष्ट्रीयकृत बैंक द्वारा निर्गत ही स्वीकार किया जायेगा) जमा करना होगा। निविदा प्रपत्र के मूल्य के अभाव में निविदा पर विचार नहीं किया जायेगा।

11. जिन फर्मों के उपकरण डी0जी0एस0 एण्ड डी0 नई दिल्ली एवं उद्योग निदेशालय कानपुर में दर अनुबन्ध पर उपलब्ध है, को निविदा प्रस्तुत करते समय संबंधित आवश्यक दस्तावेज की प्रतिलिपि संलग्न करना अनिवार्य होगा।

12- निविदा प्रस्तुतकर्ता फर्म के स्वामी/अधिकृत एजेंट को प्रत्येक निविदा की तकनीकी बिड के साथ वांछित समस्त प्रमाण-पत्र यथा आयकर विभाग, व्यापारकर विभाग, हैसियत प्रमाण-पत्र तथा रू0100/- मात्र का नान जूडिशियल स्टाम्प पेपर पर निविदा दाता फर्म/कम्पनी इस आशय का प्रमाण पत्र प्रस्तुत करेगा कि निविदादाता फर्म/कम्पनी की कोई आपराधिक पृष्ठभूमि नहीं है, जो नोटरी द्वारा सत्यापित भी होगा।

13. इंटरनेट वेबसाइट से प्राप्त किये गये उपकरणों/संयंत्रों के स्पेशीफिकेशन एवं टर्म्स एण्ड कण्डीशन तथा फायर सर्विस मुख्यालय, उत्तर प्रदेश से सीधे क्रय किये गये उपकरणों/संयंत्रों के स्पेशीफिकेशन एवं टर्म्स एण्ड कण्डीशन में यदि कोई अन्तर होता है तो फायर सर्विस मुख्यालय, उत्तर प्रदेश से सीधे क्रय किये उपकरणों/संयंत्रों के स्पेशीफिकेशन एवं टर्म्स एण्ड कण्डीशन ही मान्य होंगे।

14. निविदा संबंधी नियम/शर्तें, स्पेशीफिकेशन, एस0पी0डी0-3, फार्म 30प्र0पुलिस की वेबसाइट <http://uppolice.up.nic.in> एवं सूचना विभाग, 30प्र0 लखनऊ की वेबसाइट [www.upgov.nic.in](http://www.upgov.nic.in) पर

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देखी एवं डाउनलोड की जा सकती है। डाउनलोड किये गये निविदा फार्म के मूल्य का बैंक ड्राफ्ट, जो अपर पुलिस महानिदेशक, फायर सर्विस, उत्तर प्रदेश, लखनऊ (पेबुलएट लखनऊ) के पक्ष में देय हो, भेजना अनिवार्य होगा, अन्यथा निविदा निरस्त कर दी जायेगी।

15. निविदा के आधार पर अन्तिम निर्णय लेने से पूर्व यदि प्रश्नगत उपकरणों के संबंध में डी0जी0एस0 एण्ड डी0 दर अनुबन्ध का नवीनीकरण अथवा नया डी0जी0एस0 एण्ड डी0 दर अनुबन्ध जारी हो जाता है तो आमन्त्रित की गयी निविदा स्वतः निरस्त समझी जायेगी।

16. ऐसी फर्मों जो आपराधिक छविवाली है या जिनके विरुद्ध विभागीय अथवा ब्लैक लिस्टिंग की कार्यवाही की गयी है अथवा प्रचलित है, की निविदा स्वीकार नहीं की जायेगी।

17. चेक लिस्ट के प्रत्येक बिन्दु के सम्मुख आवश्यक पूर्ण पृविष्टि अंकित करके निविदा के तकनीकी आफर के साथ संलग्न कर उपलब्ध कराया जाना अनिवार्य है। चेक लिस्ट सहित तकनीकी आफर के साथ संलग्न किये गये सम्पस्त अभिलेखों को निविदा दाता फर्म के सक्षम अधिकारी द्वारा प्रमाणित कर प्रस्तुत करना अनिवार्य है (हस्ताक्षर मय मुहर) अन्यथा निविदा अस्वीकार कर दिया जायेगा।

18. टेण्डर के जनरल टर्म्स एण्ड कण्डीशन में अंकित निर्देश के अनुरूप निविदा प्रस्तुत करना होगा। अन्यथा निविदा स्वीकार नहीं किया जायेगा।

19. यदि निम्नलिखित दिवसों में अवकाश हो तो निविदायें अगले कार्य दिवस में पूर्वान्ह 11:00 बजे खोली जायेगी:-

- (1) निविदा विक्रय करने की तिथि एवं समय : दि0 04-12-2013 को प्रातः 10.00 बजे से  
: दि0 03-01-2014 को पूर्वान्ह 11.00 बजे तक
- (2) निविदा प्राप्त करने की अन्तिम तिथि : दि0 03-01-2014 को मध्यान्ह 12:00 बजे तक
- (3) टेकनिकल बिड खोलने की तिथि व समय : दि0 03-01-2014 को अपरान्ह 15.30 बजे

अपर पुलिस महानिदेशक  
फायर सर्विस मुख्यालय, उ0प्र0,  
लखनऊ।

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## **U. P. FIRE SERVICES HEAD QUARTERS**

**IVth/Vth FLOOR INDIRA BHAWAN, ASHOK MARG LUCKNOW-226 001**

**TENDER NO-XXII-FS(T)-212-2013**

**DATED:LUCKNOW: November 26 , 2013**

### **TENDER NOTICE**

Sealed Tenders are invited from the Manufacturers, Authorized agents/dealer for supply of following equipments & Fabrication work :-

<b>SL. No.</b>	<b>Tender No</b>	<b>Name of Equipment</b>	<b>No of Item</b>	<b>E.M.D (In Rs.)</b>	<b>Cost of tender (In Rs.)</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>1</b>	XXII-FS(T)-226-2013(D/M)	Water Tender Type 'B' (Small)	14	3,35,000/-	342/-
<b>2</b>	XXII-FS(T)-227-2013	Water Tender Type 'B' (Big)	08	1,90,000/-	342/-
<b>3</b>	XXII-FS(T)-228-2013(D/M)	PORTABLE PUMP(275LPM)(14+19= 33)	33	50,000/-	342/-
<b>4</b>	XXII-FS(T)-229-2013	Rescue set- SPREADER/CUTTER, COMBITOOL /PRIMOVER/ PNEUMATIC BAGS/TELESCOPIC RAM/HAND PUMP(PETROL OPERATED) etc.,	12 Set	6,50,000/-	342/-
<b>5</b>	XXII-FS(T)-230-2013	THERMAL IMAGING CAMERA (06+02=08)	08	1,25,000/-	342/-
<b>6</b>	XXII-FS(T)-231-2013	ROPE LAUNCHER (DESCENDER/ ASCENDER ) WITH ACCESSORIES	03Set	50,000/-	342/-
<b>7</b>	XXII-FS(T)-232-2013	DRAGON TORCH ( Hand held Rechargeable Search light Torch)	151	14,000/-	257/-
<b>8</b>	XXII-FS(T)-233-2013	Confined Space Entry Kit (01 No. Retractable Fall Arrester Block/ 01No.Winch/ 01 No. Tripod & 04 Nos. Full Body Harness)	40 Set	52,000/-	342/-
<b>9</b>	XXII-FS(T)-234-2013	Fire Fighting Boots	294 Pairs	20,000/-	342/-
<b>10</b>	XXII-FS(T)-235-2013	SMOKE EXHAUSTER (WITH I.C. ENGINE)	40	2,75,000/-	342/-
<b>11</b>	XXII-FS(T)-236-2013	FOAM GENERATOR	30	70,000/-	342/-
<b>12</b>	XXII-FS(T)-237-2013	EXTENSION LADDER HEIGHT_10.5 Meter	50	72,000/-	342/-
<b>13</b>	XXII-FS(T)-238-2013	Manila Rope 20 mm Diameter grade -1, ISI MARKED	5000 Kg	12,000/-	257/-
<b>14</b>	XXII-FS(T)-239-2013	COUPLINGS 4"	37 Pairs	4,000/-	171/-

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SL. No.	Tender No	Name of Equipment	No of Item	E.M.D (In Rs.)	Cost of tender (In Rs.)
1	2	3	4	5	6
15	XXII-FS(T)-240-2013	HYDRAULIC TOOLS (HYDRAULIC SPREADER, CUTTER, COMBITOOL, RAMJACK AND HYDRAULIC PUMP) etc.,	04Set	1,20,000/-	342/-
16	XXII-FS(T)-241-2013	SEARCH CAM VICTIM LOCATION UNIT (WITH BREACHING SYSTEM)	04	70,000/-	342/-
17	XXII-FS(T)-242-2013	MULTI – LAYER PROXIMITY SUIT / PERSONAL PROTECTIVE EQUIPMENTS (P.P.E.) 24+10= 34	34	39,000/-	342/-
18	XXII-FS(T)-243-2013	CHEMICAL AND GAS TIGHT SUIT LEVEL - A	24	29,000/-	342/-
19	XXII-FS(T)-244-2013	PNEUMATIC JACK SET (Lifting bags type)	04	84,000/-	342/-
20	XXII-FS(T)-245-2013	Aerial Sentry System	02	52,000/-	342/-
21	XXII-FS(T)-246-2013	Lighting Tower	04	10,000/-	257/-
22	XXII-FS(T)-247-2013	R.C.C.CUTTING CIRCULAR SAW (I.C. ENGINE OPERATED CIRCULAR SAW)	04	23,000/-	342/-
23	XXII-FS(T)-248-2013	DIAMOND SAW(CHAIN TYPE)	04	4,700/-	171/-
24	XXII-FS(T)-249-2013	Life Detector	02	80,000/-	342/-
25	XXII-FS(T)-250-2013	LIFE DETECTOR (ACOUSTIC BASE)	02	38,000/-	342/-
26	XXII-FS(T)-251-2013	CONCRETE BREAKER	08Set	14,000/-	257/-

2- The Tender documents for tender mentioned above along with Technical specification may be purchased on payment at the cost given against tender in Demand Draft in favour of Addl. Director General of Police Fire Services U.P. Lucknow payable at Lucknow. **(issued by Nationalized Bank will only be accepted )** The office of the undersigned on any working day between 10.00 AM to 5.00 PM. Those desirous of obtaining the Tender documents by Speed Post may sent extra charges of Rs.100/- Demand Draft in favour of Addl. Director General of Police Fire Services U.P. Lucknow payable at Lucknow. Bank Draft / Demand Draft should be issued by a Nationalized Bank. **(issued by Nationalized Bank will only be accepted )**

3- Terms and Conditions of Tender notice, specification and relevant documents can be downloaded from U.P. Police website <http://uppolice.up.nic.in> and Department of Information U.P., Lucknow website [http:// www.upgov.nic.in](http://www.upgov.nic.in). In this case the tenderer will have to enclose the cost of tender documents in the form of Bank Draft drawn in favour of Addl. Director General of Police Fire Services U.P. Lucknow payable at Lucknow with the technical offers. Separate Bank drafts in respect of the cost of tender documents and earnest money should be enclosed. Cost of tender documents is not refundable, while earnest money is refundable.

- 4- In The Technical offer only one model should be mentioned meeting all Technical requirements as per specification otherwise offer will be rejected.
- 5- Each Bidder will have to deposit an Earnest Money (EMD) as mentioned against tender in the form of FDR/Bank Guarantee **(issued by Nationalized Bank will only be accepted )** in favor of Addl. Director General of Police Fire Service U.P. Lucknow payable at Lucknow.
- 6- Successful bidders will have to deposit {FDR/Bank Guarantee **((issued by Nationalized Bank will only be accepted )** a security money @ 10% of the order value, which will be refundable after expiry of warranty period.
- 7- The undersigned may cancel the tender at anytime without assigning any reason for the same in the public interest.
- 8- The Number and quantity of equipments/material may be increased or decreased by the purchaser as per need and Bid can be cancelled without showing any reason. Bidder Firm will be bound to supply as per stipulated number as set by the Department and on the same terms and conditions.
- 9- If tendered items are available on D.G.S. & D. Rate Contract & D.I. Rate Contract during the process of purchase then purchase by tender can be cancelled by the Department. If any item of Bidder firm is on D.G.S. & D. Rate Contract & D.I. Rate Contract, the concerning firm will enclose the necessary documents.
- 10- Firms which claim exemption for deposition of Bid Fee & Earnest Money will have to submit certificate in this direction from the competent authority designated by the concerned Government. Valid certificate should also be attested by the bidder.(with signature & seal)
- 11- Firms registered under NSIC also have to deposit Tender Fees.**
- 12- Bidder must submit up dated certificate of Income Tax Department, Sales Tax Department and legal solvency certificate in regard to their firm. The Bidder must produce a certificate on an Affidavit of INR 100/- of Non-judicial stamp paper verified by Notary stating that the company/ firm participating in the Bid does not have a past or present Criminal record/background.
- 13- Bidder should fill completely the attached Check List Annexure-II (Sl.No. 1 to 13) and attached it with Technical offer of the bid. Check List & other relevant documents should be attested by the bidder firm with signature & seal of the Competent Authority otherwise Offer will be rejected.
- 14- Bidder should comply all instructions given in the General Terms & Conditions of the Tender documents. Otherwise bid will be rejected.

-04-

**15- The Tenders will not be accepted to the Firm having criminal background or Black listed from any organization.**

16- It is clarified that in case of holidays in following dates then next day Tender will be opened at 11.00 hours sharp.

- |                                       |  |
|---------------------------------------|--|
| 1- Period of sale of Tender documents | :04-12-2013, 10.00hours to 03-01-2014<br>up to 11-00 hours |
| 2- Last date of receipt of Tenders    | : 03-01-2014 up to 12-00 hours                             |
| 3- Date of Opening of Technical offer | : 03-01- 2014 up to 15-30 hours                            |

Addl. Director General of Police  
U.P. Fire Services Head Quarter,  
Lucknow





## **UTTAR PRADESH FIRE SERVICE HEADQUARTER**

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG,LUCKNOW

### **TENDER PROCESS INDEX**

<b>S.N</b>	<b>SUBJECT</b>	<b>PAGE</b>
<b>A.</b>	<b>GENERAL TERMS AND CONDITIONS</b>	<b>2</b>
<b>B.</b>	<b>SUBMITTING THE BID</b>	<b>3</b>
<b>C.</b>	<b>BID FEES (TENDER FEES)</b>	<b>5</b>
<b>D.</b>	<b>BID SECURITY (EARNEST MONEY)</b>	<b>5</b>
<b>E.</b>	<b>PERIOD OF VALIDITY OF BIDS</b>	<b>6</b>
<b>F.</b>	<b>MODIFICATION AND WITHDRAWAL OF BIDS</b>	<b>6</b>
<b>G.</b>	<b>CLARIFICATION OF BIDS</b>	<b>6</b>
<b>H.</b>	<b>PRELIMINARY EXAMINATION OF BIDS</b>	<b>6</b>
<b>I.</b>	<b>EVALUATION AND COMPARISON OF BIDS</b>	<b>7</b>
<b>J.</b>	<b>CONTACTING THE PURCHASER</b>	<b>7</b>
<b>K.</b>	<b>NOTIFICATION OF AWARD</b>	<b>7</b>
<b>L.</b>	<b>SIGNING OF CONTRACT</b>	<b>7</b>
<b>M.</b>	<b>PERFORMANCE SECURITY</b>	<b>8</b>
<b>N.</b>	<b>INSURANCE</b>	<b>8</b>
<b>O.</b>	<b>CORRUPT OR FRAUDULENT PRACTICES</b>	<b>8</b>
<b>P.</b>	<b>SAMPLES, INSPECTIONS AND TESTS</b>	<b>8</b>
<b>Q.</b>	<b>PACKING</b>	<b>9</b>
<b>R.</b>	<b>SIGNING OF BID</b>	<b>9</b>
<b>S.</b>	<b>PRICES</b>	<b>10</b>
<b>T.</b>	<b>AUTHORITY LETTER</b>	<b>10</b>
<b>U.</b>	<b>GENERAL</b>	<b>10</b>
<b>V.</b>	<b>IMPORTANT NOTE</b>	<b>11</b>
<b>X.</b>	<b>SPECIAL TERMS AND CONDITIONS</b>	<b>11</b>
<b>Y.</b>	<b>SUPPLY</b>	<b>12</b>

**Caveat:** “The Bidder is expected to examine all instructions, forms, terms and conditions, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the Bidder’s risk and may result in rejection of its bid”



## UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

### GENERAL TERMS AND CONDITIONS OF BID

1. (a) **Only the manufacturer/ authorized agent/ dealer/ supplier registered with 'Directorate of Industries' of Government of India or any State Government will be eligible to participate to bid against present tender notice.**
- (b) Special terms and conditions, if given along with the specifications of a particular tendered item(s) being purchased will be deemed to have superseded the relevant conditions laid down in the 'General Conditions of Bid'.
- (c) 'Director General/Addl. Director General of Fire Service Headquarters, U.P., Lucknow', hereinafter referred to as "the Purchaser" reserves the right to accept or quash/ reject all or any of the bids either in part or full or split up the contract without assigning any reason there of.
- (d) **Bidders should bid separately for each of the item which forms separate serial number in the tender notice but will not be allowed to break-up any such item or bid for only a part of an item.**
- (e) All bids must be F.O.R. various destinations in U.P.
- (f) The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Purchaser, will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.
- (g) At any time prior to the deadline for submission of bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by amendment.
- (h) All prospective bidders who have received the bidding documents will be notified of the amendment in writing or by fax, and will be binding on them.
- (i) In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the Purchaser, at its discretion, may extend the deadline for the submission of bids.
- (j) The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser shall be written in English language. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation of the relevant passages in the English language in which case, for purposes of interpretation of the Bid, the translation shall govern.
- (k) **The Bidder shall furnish, as part of its bid, documents establishing the Bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.**
- (l) **All bids submitted shall include the legal status, place of registration and principal place of business of the company or firm or partnership, etc. Details of work experience and past performance of the bidder on items offered and on fire fighting vehicles within the past five years and details of current contracts in hand and other commitments. (the bidder should have work experience of ten firefighting vehicles offered Fabricated/ Manufactured in five years.**
  - (i) **Actual Production Capacity**
  - (ii) **Capacity already committed to offer**
  - (iii) **Capacity available for the Tender in question**
  - (iv) **Monthly commitment of supply against capacity available for the tender in question under(c)**

**This could be supplemented with offer certificate / Document to make the position amply clear.**

- (m) Any bid received by the Purchaser after the deadline for submission of bids prescribed by the Purchaser, will be rejected and/or returned unopened to the Bidder.**
- (n) The Purchaser will prepare minutes of the bid opening.**
- (o) "The Supplier" means the individual or firm supplying the Goods and Services under this Contract.**
- (p) "The Contract" means the agreement entered into between the Purchaser and the Supplier, as recorded in the Contract Form signed by the parties, including all the attachments and appendices thereto and all documents incorporated by reference therein.**
- (q) "Day" means calendar day.**
- (r) The tendering firms are required to submit the costing with documentary proof (Like bills and vouchers) compulsorily in support of their rates along with tender (Financial Cover.)**
- (s) ISI License –Valid copy of License should be attached with tender documents (For ISI marked equipments) failing which offer will be rejected.**

## **B. SUBMITTING THE BID**

- 2. (a) The essential details of specification & instructions are to be followed strictly in accordance with the tender notice. The tendering firms are required to submit their offer in TWO PARTS. The first part will be named as "TECHNICAL BID" and the second part will be called as "FINANCIAL BID".**
- (b) The Bidder shall prepare two copies of the each bid, clearly marking each "Original Bid" and "Copy Bid", as appropriate. In the event of any discrepancy between them, the original shall govern. The original and all copies of the bid shall be typed or written in indelible ink.**
- (c) The Bidders shall seal the original and each copy of the bid in separate inner envelopes, duly marking the envelopes as "original" and "copy". All relevant enclosures should be very clearly indicated on the all envelopes. He shall then place all the inner envelopes in an outer envelope (SEPARATE BIG COVERING ENVELOPE). All properly sealed envelopes should be addressed to 'Director General/Addl. Director General of Fire Service Headquarters, U.P., Lucknow-226 001'.**
- (d) Tender notice numbers, date of tender notice and due date of opening should be mentioned on all sealed envelopes.**
- (e) The inner envelopes shall also indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared "late".**
- (f) Rates quoted in the technical bid WILL NOT BE ACCEPTED.**
- (g) Special attention of the bidding firms is invited about the receipt of bid in time. In case of hand delivery, please ensure that bid(s) is/ are dropped in the Tender Box before the prescribed date and time. The tender box is kept in the office of the Purchaser.**
- (h) All papers, certificates or documents required to be submitted with the technical & financial bids should also be prepared in duplicate and attached firmly with respective bids. Certificates should be attested by the firm. Original documents to be shown at the time of Technical bid evaluation.**
- (i) All the enclosures enclosed with the respective bids should be valid on the date of opening of the technical and financial bids and as per terms and conditions of bid.**
- (j) Each and every page of technical & financial bid including enclosures, certificates & affidavits or any relevant documents has to be signed by the authorized person with official stamp showing designation on entity. Otherwie bid will be rejected.**
- (k) Each and every page of technical & financial bid including enclosures, certificates, affidavits or any relevant documents to be numbered and list of page wise contents of this has to be prepared and attached at the start of each bid.**
- (l) Every cutting, erasures or overwriting shall be valid only if they have full signature of the persons signing the bid wherever the correction have been done.**

(m) Manufacturer/ authorized agent/ dealer/ supplier should not have previous records of being blacklisted in any part of India.

**(n) Clearly mention, if there is any deviation in bid in comparison to that of desired specifications.**

(o) It shall be the responsibility of the bidding firms to ensure presence of their authorized representatives at the time of opening of technical & financial bid opening and meeting there of and acquaint themselves with shortcomings in their bids, if any. No separate intimation will be sent to the tendering firms in this regard. Further bidder should furnish to his representative a letter of authority bearing representative's attested signatures.

(p) Dealer/Agent/Sales agent being bidder, shall have to ensure dispatch of items direct from factory premises to the purchaser.

(q) 0.5 % discount has to be allowed by the firm if timely payment is made, i.e., within 30 days from the acceptance of items. In the absence of any stipulation contrary to it, it will be presumed that the bidder agrees for this rebate.

(r) Details of payment condition: 100% payment after receipt, inspection, verification and acceptance of material within 30 days.

(s) In case any required documents, paper(s) is/ are found short at the time of opening of technical bid then bidder should give valid reasons for non submission of papers in his firm's technical bid. Only certain (not all) documents/ papers may be accepted up to one day before the opening of the financial bids. Decision of PCM (T) will be final in this regard.

(t) The quantities mentioned in the tender notice shall be deemed to be only approximate and will not in any manner whatsoever be binding on the department.

(u) Telex, cable or facsimile bids will be rejected.

(v) When the validity of certain documents called for has expired and renewal has been applied for but issuing authority has not issued the revalidated documents/ license; an affidavit on general stamp paper of Rs.100.00 should accompany the bid. Please do not forget to do this as bid otherwise is liable to be rejected.

**(w) Only one Model will be acceptable in one bid. Otherwie bid will be rejected.**

**3. (a) A certificate of registration of the manufacturer/ authorized agent/ dealer/ supplier with 'Directorate of Industries' of Government of India or any State Government must be enclosed with technical bid.**

(b) Acceptance of 0.5 % discount by the firm on timely payment, i.e., within 30 days from the acceptance of items should be mentioned in Technical Bid itself.

(c) The make of the items quoted must be clear and specified. Use of words like 'Indian Make' Best Quality, 'X' or equivalent make should be avoided. If any tendered item is 'Q' mark/ ISI mark/ EN standard/ ISO9001:2000 or equivalent, please enclose valid attested copies of 'Q' mark/ ISI mark/ EN standard/ ISO9001:2000 or equivalent registration certificate with technical bid, failing which their bids shall be ignored. If applied for renewal, proof of steps taken must be enclosed with technical bid along with expired license. Other thing being equal, 'Q' marked/ ISI marked/ EN standard or equivalent goods will be given preference.

(d) If any regulatory Act is applicable in item(s), then enclose copy of clearance certificate of the competent authority with technical bid.

**(e) Production capacity, capacity already committed to other parties and capacity available for this bid should be mentioned clearly and separately.**

(f) Bidders should give detailed description and specifications of each items and if required enclose catalogues, pamphlets, leaflets, literature or the articles tendered for (in duplicate). The name and address of the makers and country of manufacturers should also invariably be stated. The items offered should conform to the latest ISI/ EN/ISO9001:2000 standards or equivalent, wherever applicable.

- (g) **Give statement if any supply is pending against any earlier order in your favor with technical bid.**
  - (h) Copies of the test reports **of the items of bid.**
  - (i) In case of U.P. State firms, enclose valid 'sales/ trade tax registration certificate' and 'sales/ trade tax clearance certificate' in the prescribed form from the sales tax department. In case of outside U.P. firms, enclose valid 'C.S.T. registration certificate and 'C.S.T. clearance certificate'. The clearance certificates should not have been issued earlier than 364 days from the date of opening of tender.
  - (j) **Details of the delivery period should be provided in technical bid.**
  - (k) Documents of security, if asked for, have to be enclosed with technical bid.
  - (l) **Details of quality control management system followed by the bidder may also be given with technical bid.**
  - (m) The supplier will supply goods and materials from time to time in such quantities as may be agreed in the contract at the rates set forth in the Price Schedule.
  - (n) Give any other special relevant information.
4. (a) The financial bid should be submitted in S.P.D.-3 format (in duplicate) duly filled in and signed by the authorized person. Bid not in duplicate shall be rejected. The Bidder shall indicate on the S.P.D.-3 format the unit prices and total bid prices of the goods it proposes to supply under the Contract.
- (b) **Prices quoted by the Bidder shall be fixed for the Contract period and not subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected.**
  - (c) Prices shall be quoted in Indian Rupees.
  - (d) Rates, discount, rebates, sales tax, excise duty or any other duties/ taxes should be written both in figures as well as in words and there should be no cuttings or overwriting.
  - (e) **Quoting any conditions on discount which affects the quoted rates shall not be acceptable and such offer shall be rejected. Any discount given on quoted price as a whole shall however be acceptable.**
  - (f) Taxes such as excise, sales/ trade tax and net rates (net rate should include packing, forwarding, insurance, levies and other expenditures, if any) should be recorded separately and very clearly according to proforma of Price Schedule failing which offer may be rejected/ ignored. Any cutting/ corrections if any should be properly attested by the bidder.
  - (g) After opening of the financial bid, any change in the rates shall not be acceptable.
  - (h) **No representation shall be entertained after opening of financial cover of tender.**

#### **C. BID FEES (TENDER FEES)**

- 5. (a) Bid fee should be deposited in the form of demand draft in favor of 'Addl. Director General of Fire Service U.P., Lucknow' payable at Lucknow.
- (b) The bid fee shall be denominated in Indian Rupees.
- (c) **Copy of the bid fee deposited has to be enclosed with technical bid. Bidding firms claiming exemption from bid fee are required to enclose along with their bid, the photocopy of relevant G.O., if any.**
- (d) *Bid(s) without bid fees will not be considered.*

#### **D. BID SECURITY (EARNEST MONEY)**

- 6. (a) The Bidder shall furnish, as part of its bid, a bid security in the amount as specified in the tender notice. Bid security should be deposited in the form of demand draft in favor of "Addl. Director General of Fire Service U.P., Lucknow" payable at Lucknow.
- (b) Wherever bid security is asked for, the same shall have to be given/ submitted as desired along with the technical bid. Bids without bid security will be rejected.
- (c) The bid security is required to protect the Purchaser against the risk of Bidder's conduct which would warrant the security's forfeiture.

- (d) The bid security shall be denominated in Indian Rupees.
- (e) **The bid security shall be submitted in its original form; copies will not be accepted.**
- (f) The bid security shall remain valid for a period of 45 days beyond the original validity period of bids.
- (g) Unsuccessful bidder's bid security will be discharged/ returned as promptly as possible.
- (h) The successful Bidder's bid security will be discharged upon the Bidder signing the Contract and furnishing the performance security.
- (i) The bid security may be forfeited:
  - (I) if a Bidder (i) withdraws its bid during the period of bid validity specified by the Bidder; or (ii) does not accept the correction of errors or
  - (II) in case of a successful Bidder, if the Bidder fails (i) to sign the Contract; or (ii) to furnish performance security.
- (j) Bidding firms claiming exemption from bid security are required to enclose along with their bid, the photocopy of relevant G.O., if any.
- (K) If a bidder who is exempted from furnishing bid security withdraws his proposal within the said period, he may, at the discretion of the Purchaser be debarred from tendering for a period decided by the purchaser reckoned from the date of opening the bid.**

#### **E. PERIOD OF VALIDITY OF BIDS**

- 7. Bids shall remain valid for a period mentioned in 'Special Terms and Conditions' mentioned with specifications of the tendered items prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.
- 8. In exceptional circumstances, the Purchaser may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (or by telex or fax). The bid security provided also has to be suitably extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid.

#### **F. MODIFICATION AND WITHDRAWAL OF BIDS**

- 9. The Bidder may modify or withdraw its bid after the bid's submission, provided that written notice of the modification or withdrawal is received by the Purchaser prior to the deadline prescribed for submission of bids.
- 10. The Bidder's modification or withdrawal notice shall be prepared, sealed, marked and dispatched. A withdrawal notice may also be sent by telex or cable or fax but followed by a signed confirmation copy, post marked not later than the deadline for submission of bids.
- 11. If a bidder withdraws his bids in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder, the Purchaser may agree to allow such withdrawal but in such a case the bid security shall be forfeited. If the Purchaser does not allow such withdrawal and accept the bid and the bidder fails to perform his part of the contract, the bid security deposited shall be forfeited besides other consequences for breach of the contract.
- 12. No bid may be modified subsequent to the deadline for submission of bids.

#### **G. CLARIFICATION OF BIDS**

- 13. During evaluation of bids, the Purchaser may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted.

#### **H. PRELIMINARY EXAMINATION OF BIDS**

- 14. **The Purchaser will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are**

**generally in order. Bids from Agents, without proper authorization from the manufacturer, shall be treated as non-responsive and rejected.**

15. If the bid security furnished is inadequate for all the tendered items, the purchaser shall take the price bid into account only to the extent the bid is secured. For this purpose, the extent to which the bid is secured shall be determined by evaluating the requirement of bid security to be furnished for the tendered items included in his bid (offer) in the serial order of the items given in tender notice.
16. Numerical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail. If the supplier does not accept the correction of errors, its bid will be rejected and its bid security may be forfeited.
17. The Purchaser may waive any minor informality or non-conformity or irregularity in a bid which does not constitute a material deviation, provided such a waiver does not prejudice or affect the relative ranking of any Bidder. Decision of PCM (T) will be final in this regard.
18. Prior to the detailed evaluation, the Purchaser will determine the substantial responsiveness of each bid to the bidding documents. A substantially responsive bid is one which conforms to all the general and special terms and conditions of the bidding documents without material deviations. The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
19. If a bid is not substantially responsive, it will be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the non-conformity.

#### **I. EVALUATION AND COMPARISON OF BIDS**

20. The Purchaser will evaluate and compare the bids which have been determined to be substantially responsive.
21. No bid will be considered if the complete requirements covered in the tendered item are not included in the bid. Bidders are allowed the option to bid for any one or more items.
22. The Purchaser's evaluation of a bid will exclude and not take into account in the case of goods manufactured in India or goods of foreign origin already located in India, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder.
23. Rates and other condition being equal, preference will be given to the manufacturing unit.
24. Price preference will be given in accordance with latest U.P. Government G.O.'s. The price preference can not be claimed as a matter of right. It can only be considered if firm's qualify for the same in terms of various G.O.'s issued by the Government of U.P. from time to time.

#### **J. CONTACTING THE PURCHASER**

25. No Bidder shall contact the Purchaser on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded. If the bidder wishes to bring additional information to the notice of the purchaser, it should do so in writing.
26. Any effort by a Bidder to influence the Purchaser in its decisions on bid evaluation, bid comparison or contract award may result in rejection of the Bidder's bid.

#### **K. NOTIFICATION OF AWARD**

27. Prior to the expiration of the period of bid validity, the Purchaser will notify the successful bidder in writing by registered letter or by telex or fax, to be confirmed in writing by registered letter, that its bid has been accepted.
28. The notification of award will constitute the formation of the Contract.
29. Upon the successful Bidder's furnishing of performance security, insurance etc. pursuant to special terms and conditions mentioned with the specifications of the tendered items, the Purchaser will promptly discharge the bid security to all unsuccessful bidders.

#### **L. SIGNING OF CONTRACT**

30. At the same time as the Purchaser notifies the successful bidder that its bid has been accepted, the Purchaser will send the bidder the Contract Form incorporating all agreements between the parties.
31. Within 21 days of receipt of the Contract Form, the successful bidder shall sign and date the Contract and return it to the Purchaser.

#### **M. PERFORMANCE SECURITY**

32. Within 30 days of the receipt of notification of award from the Purchaser, the successful Bidder shall furnish the performance security in accordance with the 'special terms and conditions' of bid, in such form of 'Bank Guarantee' in favor of 'Inspector General of Fire Service U.P., Lucknow' payable at Lucknow.
33. The Performance Security shall be denominated in Indian Rupees and shall be in one of the forms acceptable to the Purchaser. Bidding firms claiming exemption from performance security are required to enclose along with their bid, the photocopy of relevant G.O., if any.

#### **N. INSURANCE**

34. Within 30 days of the receipt of notification of award from the Purchaser, the successful Bidder shall furnish the insurance in accordance with the 'special terms and conditions' of bid, in such form which is acceptable to the Purchaser.
35. Failure of the successful bidder to comply with the requirement of above clauses 32 and 34 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Purchaser may make the award to the next evaluated bidder or call for new bids.

#### **O. CORRUPT OR FRAUDULENT PRACTICES**

36. The Purchaser requires that Bidders/ Suppliers/ Contractors, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the Purchaser will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question.
37. The Purchaser will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to participate in tenders of its department if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing a contract.

#### **P. SAMPLES, INSPECTIONS AND TESTS**

38. Bid samples are not required unless specially called for. Quoting items without samples where these are called for, the bid of the firm may be ignored.
39. **Samples have to be demonstrated if asked for. The goods or materials to be supplied under the contract are to be of the quality or sort in every respect equal and answerable to the patterns or sample sent with the quotations and approved by the Purchaser.**
40. The Purchaser reserves the right to call, by notice in writing, for sample(s) at any time during the realization of the bid. On such a demand, the bidding firms shall have to submit samples within the period prescribed in such number/ quantity as the Purchaser may deem fit. Failure to supply with this request shall make the bid liable to be rejected.
41. The Purchaser, or the indenting officer or any other officer or person duly authorized in writing by the Purchaser shall have power to inspect the stores before during and after manufacture, collection, dispatch transit or arrival and to reject the same or any part of portion, If he or they be not satisfied that the same is equal or according to sample or specification in weights, quantity and number.
42. The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at Site shall in no way be limited or waived by reason of the Goods having previously



been inspected, tested and passed by the Purchaser or its representative prior to the Goods shipment.

43. Goods or materials rejected or refused on the ground of inferior quality or any other ground shall be removed by the supplier at his own risk and expense within seven days after notice has been received by him of such rejection. In the event of non-removal by the supplier as aforesaid within the said period of seven days it shall be lawful for the Purchaser to authorize the indenting officer to sell by public auction any rejected material or goods, and in such case the supplier shall be credited with the sales proceeds thereof but will not be entitled to any loss or damage that may be occasioned by such sale. If the contractor is not satisfied with the decision of the authority rejecting or refusing the goods, he may appeal to the Purchaser within five days of the receipt of such notice, and the decision of the Purchaser will be final all cases.

#### **Q. PACKING**

44. The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
45. The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be provided for in the Contract including additional requirements specified in any subsequent instructions ordered by the Purchaser.

#### **R. SIGNING OF BID**

46. (a) The bid is liable to be ignored if complete information is not given therein. If bidding firms are in disagreement with certain conditions given therein in full or part, they should clearly bring out the same in their bid, failing which it shall be presumed that they agree with all the condition given therein. It may please be noted carefully that till such time a fresh agreement is drawn embodying the agreed conditions the conditions, given in shall govern the contract.
- (b) If the bidders are Agent /Dealer/Supplier, they should submit an authority of their principal (*in prescribed format*) along with proof of manufacturing of principal firm for quoted item(s).
- (c) The individual signing the bid and/or other documents connected with a contract must write his name in block letters under his signatures. He has to sign the bid and all the enclosures on each and every paper submitted by him.
- (d) The individual signing the bids and/or other document should specify whether-
- (i) He is sole proprietor of the firm or constitutes attorney of such sole proprietor,
  - (ii) A partner of the firm if it be a partnership firm, in which case he must have authority to refer to arbitration dispute concerning the business of the partnership by virtue of partnership agreement or a power of attorney.
  - (iii) Constituted attorney of the firm if it is a company under the meaning of Company Law.
  - (iv) Managing director/ president/ chairman /company secretary in case of limited company having authorization for committing the company from its board of directors or as is required under company laws, and
  - (v) President or Secretary in case of registered co-operative society having such powers through laws/by-laws or by special resolution.
  - (vi) In case of (ii) above, a copy of partnership agreement or general power of attorney, in either case attested by a Notary public should be furnished unless the same has been previously given to the Purchaser or an affidavit on stamped**

**paper of all the partners admitting execution of partnership agreement or general power of attorney should be furnished.**

- (vii) In case of partnership firms, where no authority to refer disputes concerning the business of the partnership to arbitration has been conferred on any partner, the bid and all documents attached thereto must be signed by each and every partner of the firm.
- (viii) A person signing the bid form or any documents forming part of the contract on behalf of another shall be deemed to warrant that he has authority to bind such other and if on enquiry it appears that the person so signing had no authority to do so the Purchaser may without prejudice to other civil and criminal remedies, cancel the contract and hold the signatory liable for all costs and damages.
- (ix) In other cases, the resolution/ authorization/ attorney should be submitted with the bid, if not already done, duly attested by Notary public.

## **S. PRICES**

- 47. (a) (i) In the case charges being extra, please give the current rates that are applicable on the item(s) quoted.
- (ii) If it is decided by the bidder to charge excise duty extra wherever the duty is leviable on slab basis, the bidding firms should clearly indicate duty that shall be charged by them in case their bid is accepted which shall be paid accordingly. No claim thereafter for extra excise duty shall be tenable on the ground of the bidder having crossed a particular slab. In the absence of the information in the bid, if extra duty has been claimed for the purposes of comparison of rates, duty at full rates shall be given into consideration.
- (b) (i) If it is desired by the bidder to ask for sales tax to be paid extra, the same must be specifically stated. In the absence of any such stipulation in the bid it shall be presumed for all purposes that the price quoted by the bidder is inclusive of sales tax and no liability for payment of sales tax will be developed upon the purchaser.
- (ii) Bidders, demanding sales tax extra, will be paid sales tax at the rates prevailing at time of supply.

## **T. AUTHORITY LETTER**

- 48. (a) **The bidding firms (if not manufacturer of the item) should submit along with their bid an authority letter from their principals (who should be manufacturer) that they are their authorized agents/ dealers/ stockiest. It shall be the duty of the bidder as well as principal to inform the department any material change that takes place in the above agreement during the finalization/ pendency of the contract. Failure to do so may entail civil as well as criminal liability and this is without prejudice to the Purchaser rights to cancel the order or take such necessary action as it may deem fit.**
- (b) The authority letter should be speaking and specific and should clearly bring out the relation of principal and agent/ dealer/ stockists as the case may be. It should speak of territory and acts assigned to the agent/ dealer/ stockists.
- (c) The principal should commit themselves through this authority letter for shortcomings/ defects/sub-standard supplies/supplies not according to norms or law of land etc.
- (d) *Vague authority letters, business letters, shall not be considered as authority letters and such bid may be ignored outright.*

## **U. GENERAL**

- 49. No assistance for the procurement of Import License for any material will be given by the Purchaser unless otherwise specified in the tender notice.
- 50. **The contractor shall not sublet or assign this contract without the written permission of the Purchaser. In the event of the contractor sub-letting or assigning this contract without such permission he shall be considered as having committed a breach of this contract.**

51. In case of non performance in any form or shape of the condition of this contract, the Purchaser shall have power to annul, rescind or cancel the contract and upon his notifying in writing to the supplier that he has done so, this contract shall absolutely determine. He may also debar the firm for the U.P. Fire Service Head Quarter, U.P., Lucknow contracts for such periods as he thinks fit.
52. Without prejudice to any other remedy provided by law any amount due from the supplier to the governor will be recoverable as arrears of land revenue and may also be recovered by deduction from any amount due from the governor to the supplier on any account under any other transaction.
53. With every dispatch of goods or materials under the arrangement invoices or bills of parcels in duplicate are to be sent by the supplier to the Indenting Officer, the duplicate to be returned by the indenting officer with the quantities or number received duly noted there on.
54. (a) All disputers arising out of this contract shall be subject to the provisions of Indian Arbitration Act, 1940 and subsequent amendments thereof. Disputes not covered under the arbitration provisions shall be subject to the territorial jurisdiction of Lucknow Courts only.
- (b) The contracts shall be governed by the Force Majeure Clause as specified below:  
“If at any time during the continuance of this contract the performance in whole or in part by either party of any obligation under this contract shall be prevented or delayed by reasons of any wear, hostility, acts of the public enemy, civil commotion, sabotage, fires, floods, strikes, lock-outs, explosions, epidemics quarantine restrictions or other acts of God, King, Government or rural (hereinafter referred to as eventualities) then, provided notice of the happening of any such eventuality is given by either party to the other within 15 days from the date of occurrence thereof neither party shall be reason of such eventuality be entitled to terminate this contract nor shall, either party have any claim for damages against the other in respect of such non- performance or delay in performance; and deliveries under this contract shall be resumed as soon as practicable after such eventuality has come to an end or ceased to exist, and the decision of the Purchaser as to whether the deliveries have to be so resumed shall be final and conclusive.

## **V. IMPORTANT NOTE**

### **58. Inspection:**

Inspection of the item will be done as per terms & condition given in Technical specification.

### **59. Any action taken in good faith in the interest of Public Safety will be acceptable to all bidders and can not be challenged in any Court under Jurisdiction causing delay in the process.**

60. In case of imported items, all document of import viz. Bill of landing, custom clearance, shipping, insurance, certificate of country of origin e.t.c shall be submitted to the department along with the Bill for verification.
61. The negotiation would be held with any tenderer as per Govt. order.
62. A Certificate of the registration by N.S.I.C/S.S.I shall be made submitted with the bids
- 63- Bidders should ensure compliance of all the Terms & conditions of **Annexure-A**
- 64- Compliance of paras shown in bold letter is must. Otherwise tender will be rejected.
- 65-Bidder should Fill attached Check List **Annexure-II** (Sl.No. 1 to 13) incomplete information will not be acceptable and bid will be rejected.

**(P. K. RAO )**  
**Dy. Director, Technical(P & O)**  
Fire Service Hqrs., U. P.,  
**LUCKNOW**

## **CHECK LIST FOR TENDERERS**

**TENDERER SHOULD NOT FORGET TO ENCLOSE THE REQUIRED DOCUMENTS  
ALONG WITH YOUR BID, FAILING WHICH THE BID WILL BE REJECTED.**

		YES/NO	Page No. of Bid Document
1	Prescribed Bid/ Tender Fee of Rs..... DD No..... Dt.....		
2(a)	Bid Security (Earnest Money) of Rs..... Bank Guarantee/ DD No..... Dt.....		
2(b)	Proof of waiver of bid fees, bid security, performance security, if any ( Photo copy of valid Proof )		
3	Technical bid with all enclosures in duplicate in sealed envelops. (No of enclosures with ..... page No.on each page.)		
4	Financial bid in duplicate in sealed separate envelops.		
5	Page numbering of technical and financial bids including enclosures.(Total page No. of technical bid.)		
6	Signature of authorized persons along with official seal on each and every page of technical bids.		
7	Valid registration certificate of NSIC Directorate of Industries of Government of India/ State Governments.(only for manufacturer)		
8	Attested copy of PAN card./TAN/TIN		
9(a)	Valid Sales/ Trade Tax Registration Certificate (in case of U.P. firms).		
9(b)	Valid CST Registration Certificate (in case of outside U.P. firms).		
10	Acceptance for condition of 0.5% discount if payment is made within 30 days from the date of acceptance of material.		
11 (a)	In case of manufacturer of tendered items, enclose certificate of proof in this regard.		
11 (b)	In case you are not manufacture of tendered items, authorization letter(s) of your principal(s) to participate in this tender whose product(s) has/ have been quoted by you. Name of principal-----address.: ----- Phone No./Mob. No.-----		
11 (c)	In case you are not manufacture of tendered items, certificate from your principal(s) regarding proof of manufacturing of tendered items.		
12	Declaraton -Tenderer must submit an affidavit verified by the Notary on Non Judicial Stamp paper of Rs.100/- stating that the Tenderer /Firm has no criminal Background.		
13	Bid Affidavit on Rs.100/- Non Judicial Stamp paper verified by the Notary.		

**निविदा की नियम व शर्तें**

1-टेक्निकल बिड व फाइनैन्शियल बिड दो-दो प्रतियों (ओरिजनल एवं डुप्लीकेट में) अर्थात् कुल चार सील बन्द लिफाफे जिन्हे एक लिफाफे में सील बन्द करके रखा जायेगा, प्रस्तुत की जायेगी। प्रत्येक लिफाफों के उपर लाल स्याही से उपकरण का नाम व दिनांक तथा निविदा संख्या का स्पष्ट उल्लेख होना चाहिये। टेक्निकल बिड के ओरिजनल लिफाफा नं० 1 में अर्नेस्ट मनी (मूल रूप में) सहित उपकरणों के साहित्य व मांगे गये अन्य अभिलेख संलग्न होने चाहिये। इसी प्रकार टेक्निकल बिड(डुप्लीकेट) लिफाफा नं. 2 में, टेक्निकल बिड नं०-1 में कार्यालय द्वारा निर्गत ओरिजनल एस०पी०डी०-3(प्रारूप संलग्न है), अर्नेस्ट मनी, गारन्टी की अवधि तथा समस्त अभिलेखों की छाया प्रतियाँ संलग्न की जानी चाहिये। टेक्निकल बिड में उपकरणों के मूल्य कदापि अंकित नहीं होने चाहिये अन्यथा निविदा निरस्त कर दी जायेगी। इसी प्रकार फाइनैन्शियल बिड का लिफाफा नम्बर-3 ओरिजनल होगा जिसमें कार्यालय द्वारा निर्गत एस०पी०डी०-3 की छाया प्रति सहित उपकरणों के मूल्य, आपूर्ति की अवधि, गारन्टी की अवधि इत्यादि तथ्य अंकित किये जायेगे। फाइनैन्शियल बिड के लिफाफा नम्बर-4 (डुप्लीकेट) में लिफाफा नं०-3 में अंकित/संलग्न की गयी सूचनाओं की छायाप्रतियाँ लगायी जायेगी। चारों ही लिफाफों में टेण्डर फार्म का प्रारूप/एस.पी.डी.-3 फार्म अवश्य ही संलग्न होना चाहिये।

2- अपूर्ण निविदायें, बिना अर्नेस्ट मनी के प्रस्तुत निविदा, प्रथम दृष्टया तकनीकी विशिष्टताओं को पूरा न करने वाली निविदाओं पर विचार नहीं किया जायेगा।

3- टेक्निकल बिड में उपकरणों की निर्माता कम्पनी का नाम, भारत वर्ष में सर्विस सेन्टर इत्यादि का उल्लेख होना चाहिए।

4- निर्धारित तिथि समय एवं स्थान पर उपकरण का प्रदर्शन देखा जायेगा, जिसकी सूचना समय से दिया जायेगा।

5- ऐसी फर्म जो डी.जी.एस. एण्ड डी. नई दिल्ली, एन.एस.आई.सी. नई दिल्ली, डी.आई. कानपुर, यू.पी.एस.आई.सी कानपुर में पंजीकृत नहीं है, उन्हें निविदा के साथ अर्नेस्ट मनी जमा करना अनिवार्य होगा अन्यथा उनकी निविदा निरस्त कर दी जायेगी। अर्नेस्ट मनी से छूट प्राप्ति हेतु पात्रता रखने वाली फर्म को उक्त संस्थान में पंजीकृत होने का प्रमाण पत्र संलग्न करना अनिवार्य होगा।

6-शासन द्वारा निर्धारित क्रय की समयावधि तक निविदा वैध मानी जायेगी।

7-भुगतान उपकरण की संतोषजनक आपूर्ति सुनिश्चित हो जाने के पश्चात नियमानुसार देय करें की कटौती करके किया जायेगा। भुगतान में विलम्बता की स्थिति में किसी प्रकार का ब्याज देय नहीं होगा।

8- उपकरण की आपूर्ति अग्निदामन रिजर्व स्टोर, चौक, लखनऊ(30प्र०) अथवा 30प्र० फायर सर्विस मुख्यालय, लखनऊ के निर्देशानुसार प्रदेश के किसी भी जनपद में (जो जैसी स्थिति है) प्राप्त की जायेगी जिसके लिये कोई अतिरिक्त किराया भाड़ा, चार्ज, इन्श्योरेंस चार्ज इत्यादि भुगतान नहीं किया जायेगा।

9-उपकरण का मूल्य एवं देय टैक्स अलग-2 प्रस्तुत किये जाए। आपूर्ति आदेश में अंकित धनराशि के अलावा किसी प्रकार का अतिरिक्त भुगतान नहीं किया जायेगा।

10-आयातित उपकरणों के मामलों में निर्माता विदेशी कम्पनी द्वारा अधिकृत डीलरों/एजेन्टों द्वारा ही निविदा प्रस्तुत की जाये। इस सम्बन्ध में निर्माता, विदेशी कम्पनी द्वारा निर्गत निविदा प्रस्तुत करने वाली फर्म के पक्ष में भारत वर्ष में उनके उपकरणों के विक्रय/गारन्टी/वारन्टी हेतु प्राधिकृत के सम्बन्ध में अद्यतन प्राधिकार पत्र टेक्निकल बिड में संलग्न करना अनिवार्य होगा अन्यथा निविदा स्वतः निरस्त समझी जायेगी। इस सम्बन्ध में निर्माता विदेशी कम्पनी के भारत वर्ष में अधिकृत एजेन्ट/वितरक द्वारा किसी अन्य फर्म के पक्ष में निर्गत प्राधिकार पत्र मान्य नहीं होगा। इस सम्बन्ध में निर्माता विदेशी कम्पनी द्वारा निम्न तथ्यों की पुष्टि की जानी होगी:-

(1) निविदा प्रस्तुत करने वाली फर्म उनके द्वारा प्राधिकृत है तथा उपकरण उनकी फर्म द्वारा निर्मित है।

(2) निविदा प्रस्तुत करने वाली फर्म उनकी तरफ से निविदा प्रस्तुत कर सकती है।

(3) उपकरण की गारन्टी अवधि समाप्त हो जाने के पश्चात यदि उनके द्वारा प्राधिकृत एजेन्ट वारन्टी की सेवाएँ देने के असफल होंगे तो वारन्टी/उपकरणों के स्पेयर पार्ट्स इत्यादि उपलब्ध कराने की जिम्मेदारी उनकी होगी।

11-यदि प्रोपराइटी श्रेणी के अन्तर्गत है तो इस सम्बन्ध में निर्माता विदेशी कम्पनी का सर्टीफिकेट उपलब्ध कराना होगा।

12-उपकरण की आपूर्ति में असफल रहने पर जमानत धनराशि जब्त करने,, फर्म को काली सूची में डाले जाने, नियमानुसार अन्य वैधानिक कार्यवाही किये जाने का अधिकार अधोहस्ताक्षरी के पास सुरक्षित है।

13-निविदादाता फर्म को पिछले 3 वर्ष का वार्षिक टर्न ओवर के सम्बन्ध में अभिलेख प्रस्तुत करना होगा।

14-निविदादाता फर्म को 100.00 रुपये के स्टैम्प पेपर पर इस बात का शपथ-पत्र (नोटरी) प्रस्तुत करना होगा कि उनकी फर्म को किसी भी सरकारी विभाग द्वारा काली सूची में नहीं डाला गया है। यह प्रमाणपत्र 6 माह से अधिक अवधि का नहीं होगा।

15-निविदा प्रस्तुतकर्ता फर्म के स्वामी/अधिकृत एजेन्ट/वितरक को प्रत्येक निविदा की तकनीकी बिड के साथ वांछित समस्त प्रमाण-पत्र यथा आयकर विभाग, व्यापार कर विभाग तथा ₹0 100/- मात्र का नान जुडिसियल स्टाम्प पेपर पर निविदादाता फर्म/कम्पनी इस आशय का प्रमाण पत्र प्रस्तुत करेगा कि निविदादाता फर्म/कम्पनी की कोई आपराधिक पृष्ठभूमि नहीं है, जो नोटरी द्वारा सत्यापित भी होगा के अभाव में निविदा पर विचार नहीं किया जायेगा।

16-आपूर्ति हेतु आदेशित फर्म को आपूर्ति आदेश प्राप्त करने के पूर्व 100 रुपये के स्टैम्प पेपर पर क्रयानुबन्ध हस्ताक्षरित करना होगा जिसमें उपकरणों की आपूर्ति का शेड्यूल गारन्टी, वारन्टी पेनाल्टी क्लोज, भुगतान इत्यादि का विवरण होगा। अनुबन्ध पत्र के साथ 10 प्रतिशत जमानत धनराशि जो कि अपर पुलिस महानिदेशक, फायर सर्विस, उ0प्र0 लखनऊ के पक्ष में देय होगी

(प्रस्तर-4 के अनुसार ) जो कम से कम एक वर्ष तक वैध हो संलग्न करनी होगी। उक्त जमानत धनराशि उपकरणों के एक वर्ष तक सफल संचालन के पश्चात लौटायी जा सकती है। 17-निविदादाता फर्म को उपकरण की आपूर्ति करते समय इस बात का लिखित प्रमाण पत्र देना होगा कि उनके द्वारा जो उपकरण सम्पूरी किया जा रहा है वही उपकरण प्रदर्शन के दौरान प्रदर्शित किया गया था तथा उसी ही उपकरण की निविदा टेक्निकल बिड में भी प्रस्तुत की गयी है। इस सम्बन्ध में आपूर्ति के अवसर पर वांछित प्रपत्र में उपकरण का माडल, सीरियल नम्बर, निर्माता कम्पनी का नाम/पता, व साथ ही वारन्टी कार्ड भी संलग्न किया जाना आवश्यक होगा।

18- यदि भविष्य में आपूर्ति उपकरण डुप्लीकेट पाया गया तो फर्म के विरुद्ध नियमानुसार वैधानिक कार्यवाही की जायेगी।

19- आपूर्ति के अवसर पर फर्म द्वारा प्रत्येक उपकरण के लिये अलग-2 आपरेटिंग एण्ड मेन्टीनेन्स मैनुअल (यथासंभव हिन्दी में) उपलब्ध कराना अनिवार्य होगा अन्यथा उपकरण की प्राप्ति स्वीकार नहीं की जायेगी। इस सम्बन्ध में फर्म को अपने निजी व्यय पर उपकरण संचालन के सम्बन्ध में आवश्यक प्रशिक्षण अग्निदामन कर्मियों को अग्निदामन रिजर्व स्टोर, चौक, लखनऊ(30प्र0) में प्रदान किया जाना होगा। यह प्रशिक्षण 30प्र0 में अन्य जनपदों में भी जिन्हे उपकरण वितरित किये गये है, आयोजित कराया जा सकता है जिसके लिये किसी प्रकार की अतिरिक्त धनराशि देय नहीं होगी।

20-फर्म को उपकरण सप्लाय के क्षेत्र में पिछले 05 वर्षों के अनुभव के सम्बन्ध में प्रमाण पत्र प्रस्तुत करना होगा तथा कस्टमर (विशेषकर देश के विभिन्न प्रदेशों के सरकारी कार्यालय) की सूची उपलब्ध करानी होगी, जिन्हे उनके द्वारा उपकरण की आपूर्ति पूर्व में की गयी है।

21-यदि उक्त उपकरण का मूल्य रुपये 10 लाख से अधिक है (टैक्स छोड़कर) तो फर्म को 2 प्रतिशत इन्टीटैक्स ट्रेजरी चालान के रूप में नकद फायर सर्विस मुख्यालय, उत्तर प्रदेश, लखनऊ में आकर जमा करना होगा जिसका समायोजन बिल में से किया जायेगा।

22 -उपकरणों के प्रदर्शन के दौरान प्रदर्शित किये गये फर्म के सैम्पुल 30प्र0 फायर सर्विस मुख्यालय, लखनऊ की अभिरक्षा में अस्थाई रूप से रखे जायेंगे जिसपर मार्कर पेन से हस्ताक्षर किया जायेगा। प्रदर्शन आख्या तैयार करने के पश्चात जिस फर्म के उपकरण स्पेशीफिकेशन के अनुरूप नहीं पाये जायेंगे उन्हें उनका उपकरण वापस कर दिया जायेगा तथा प्रदर्शन में सफल पायी गयी फर्मों का उपकरण तब तक फायर सर्विस मुख्यालय की अभिरक्षा में रखा जायेगा जब तक कि आपूर्ति हेतु आदेशित की जाने वाली फर्म को चिन्हित न कर लिया जाये। अन्तिम रूप से केवल आपूर्ति हेतु आदेशित फर्म द्वारा प्रदर्शन के दौरान प्रदर्शित सैम्पुल को तब तक फायर सर्विस मुख्यालय, उत्तर प्रदेश, लखनऊ में फायर सर्विस मुख्यालय, उत्तर प्रदेश, लखनऊ में की अभिरक्षा में रखा जायेगा जब तक कि उनके द्वारा आपूर्ति सुनिश्चित न कर दी जाये। इस मध्य यदि उन्हें कही और उपकरण प्रदर्शन दिखाये जाने हेतु उपकरण की आवश्यकता होगी तो उन्हें उपकरण का सैम्पुल अस्थाई रूप से प्रदान किये जाने का निर्णय लिया जा सकता है व फायर सर्विस मुख्यालय, उत्तर प्रदेश, लखनऊ का इस संबंध में लिया गया निर्णय ही अंतिम होगा।

23-निविदादाता फर्म को स्पेशीफिकेशन में अंकित टर्म्स एण्ड कन्डीशन फार आफ्टर सेल्स सर्विस/मेन्टीनेन्स एण्ड स्पेयर्स, सपोर्ट एण्ड इन्फ्रास्ट्रक्चर फार मेन्टीनेन्स, डिमान्सट्रेशन के सम्बन्ध में निर्धारित शर्तों को पालन करना होगा।

24-उपकरणों की गारण्टी अवधि जो कि 01 वर्ष की होगी, की गणना उपकरण के अधिष्ठापन के तिथि से की जायेगी।

25-तकनीकी निविदा के साथ प्रस्तुत उपकरणों के साहित्य (Litrature) में अंकित समस्त सहवर्ती उपकरण यथा टूलकिट आदि जैसा भी वर्णित हो की आपूर्ति निविदादाता को करनी होगी अर्थात् वित्तीय निविदा समस्त सहवर्ती उपकरणों को जोड़कर प्रस्तुत की जाय।

26- निविदा में किसी भी सहवर्ती उपकरण को Optional के रूप में अंकित किया जाना मान्य नहीं होगा और न ही उसका कोई मूल्य वित्तीय निविदा में प्रस्तुत किया जायेगा। यदि ऐसा किया जाता है तो यह माना जायेगा कि निविदादाता द्वारा प्रस्तुत दर कपटपूर्ण है और उसकी निविदा निरस्त कर दी जायेगी।

27-टेक्निकल बिड में प्रस्तुत उपकरण का मूल साहित्य (Original Litrature)संलग्न करना अनिवार्य होगा।छाया प्रति अथवा किसी अन्य माध्यम से प्राप्त की गयी प्रति मान्य नहीं होगी तथा निविदा निरस्त कर दी जायेगी ।

28-फाइनेंशियल बिड में एक से अधिक मूल्य अंकित करने पर निविदा निरस्त कर दी जायेगी।

29-विदेशी आयातीत उपकरण के संबंध में बिल आफ इन्ट्री, सी0ई0,ई0एन0 सर्टिफिकेट उपकरण के निरीक्षण के समय निरीक्षण कमेटी के समक्ष फर्म द्वारा प्रस्तुत किया जाना होगा।

30- उपकरण का नमूना तकनीकी आफर के परीक्षण के समय फायर सर्विस मुख्यालय में प्रस्तुत करना होगा। तकनीकी आफर के परीक्षण की तिथि से पूर्व से फर्म को सूचित किया जायेगा। यदि फर्म द्वारा नमूना प्रस्तुत नहीं किया जाता है तो निविदा पर विचार नहीं किया जायेगा।

31-उ0प्र0 फायर सर्विस मुख्यालय, लखनऊ अथवा अन्य सरकारी संस्थानों द्वारा जिन फर्मों को काली सूची में डाला गया है या संदिग्ध घोषित किया गया है उनकी निविदा पर विचार नहीं किया जायेगा।

32-उद्योग निदेशालय तथा एन0एस0आई0सी0 द्वारा अनुमोदित फर्मों की निविदा पर ही विचार किया जायेगा। जिस उपकरण के निर्माण हेतु फर्म द्वारा निविदा प्रस्तुत की गयी है यदि उस उपकरण के निर्माण हेतु उद्योग निदेशालय अथवा एन0एस0आई0सी0 द्वारा फर्म को पंजीकृत नहीं किया गया है तो निविदा पर विचार नहीं किया जायेगा। (यह शर्त उन अग्निदामन संयंत्रों/मशीनों पर लागू होगा,जिनका फेब्रीकेशन किया जाना है।)

33-निविदा के सभी संबंधित कालम हां या नहीं शब्दों में भरा जायेगा। अन्यथा आफर पर विचार नहीं किया जायेगा।

34-चेकलिस्ट के सभी कालम को पूर्ण कर प्रस्तुत किया जाय तथा संबंधित अभिलेख संलग्न करते हुए अभिलेख का क्रमांक चेकलिस्ट के संबंधित कालम में अंकित किया जाय। चेकलिस्ट को पूर्ण न करने की स्थिति में आफर पर विचार नहीं किया जायेगा।

35-वित्तीय आफर खोलते समय फर्म के प्रतिनिधियों की उपस्थिति आवश्यक है। प्रतिनिधि के अनुपस्थित रहने पर संबंधित फर्म को वित्तीय आफर खोलने के बाद इस संबंध में किसी प्रकार की सूचना नहीं दी जायेगी। जिससे क्रय की प्रक्रिया बाधित हो रही हो।



36-ट्रान्सपोर्टेशन चार्जेज उपकरण के बेसिक प्राइस(Basic Price) में सम्मिलित करके वित्तीय आफर प्रस्तुत किया जायेगा, अन्यथा विचार नहीं किया जायेगा।

37-निविदादाता आफर के साथ यह भी सूचना उपलब्ध करायेगा कि संबंधित उपकरण पिछले तीन वर्षों में भारतवर्ष में कहां-कहां सम्पूर्ति किये गये हैं। संस्थानों द्वारा निर्गत परचेज आर्डर की सत्यापित छायाप्रति संलग्न की जाय अन्यथा प्रमाण के अभाव में आफर अस्वीकृत कर दिया जायेगा।

38-आफर की वैधता अवधि वित्तीय आफर खोलने की तिथि से 180 दिवस होगी।

39-वित्तीय आफर खोलते समय न्यूनतम प्रथम मूल्य प्रस्तुत करने वाली फर्म की निर्माण/मैनुफैक्चरिंग क्षमता उद्योग निदेशालय एवं एन0एस0आई0सी0 द्वारा निर्गत रजिस्ट्रेशन में दिये गये क्षमता को ध्यान में रखते हुए ही कयादेश जारी करने पर विचार किया जायेगा। क्षमता से अधिक अर्थात् शेष बचे बाड़ी निर्माण कार्यों को अन्य फर्म जिनके वित्तीय आफर खोले गये हैं, से न्यूनतम प्रथम मूल्य पर कार्य करने की सहमति प्राप्त होने पर उनसे बाड़ी निर्माण कार्य कराने पर विचार किया जायेगा।

40- वित्तीय आफर खोलते समय न्यूनतम प्रथम आने वाली फर्म के उपस्थित प्रतिनिधि को संसूचित करने के पश्चात 07 दिवस के अन्दर वांछित बैंक गारण्टी, चेसिसों की इन्श्योरेन्स एवं अन्य वांछित अभिलेख लेकर फर्म के अधिकृत प्रतिनिधि को कय अनुबन्ध करने हेतु फायर सर्विस मुख्यालय, लखनऊ में उपस्थित होना होगा।

41-निर्धारित नियम व शर्तों में आवश्यकतानुसार अतिरिक्त शर्तें भी जोड़ी जा सकती हैं जिसका पालन करना फर्मों को अनिवार्य होगा।

(पी0के0 राव),  
उप निदेशक, तकनीकी(पी एण्ड ओ)  
फायर सर्विस मुख्यालय, उ0प्र0,  
लखनऊ।

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**TENDER FORM**  
**GOVERNMENT OF UTTAR PRADESH**  
**DIRECTOR GENERAL OF UTTAR PRADESH FIRE SERVICE, LUCKNOW.**  
**CONDITIONS OF AGREEMENT**

1- The arrangement is to last till but in the event of any breach of the terms of arrangement at any time on the part of the supplier the arrangement shall be determined summarily by the Director General/Addl. Director General of U.P. fire service, without compensation to the supplier.

2- The supplier will supply goods and materials from time to time in such quantities as may be entered in the indents sent at the rates set forth in the Schedule of rates at page(4).

3- The goods and materials to be supplied under the arrangements are to be of the quality or sort in every respect equal and answerable to the patterns or sample sent with the quotations and approved by The Director General/Addl. Director General of U.P. fire service. In the event of supplies not being up to the sealed sample accepted, but good enough for retention, the goods supplied may either be retained at a reduction in cost not exceeding 10 percent of the total value or be returned to the supplier in accordance with paragraph 10 below at the option of the Indenting Officer. The goods may only be retained at a reduction if the supplier agrees.

4- The Director General/Addl. Director General of U.P. fire service may, by notice in writing, call upon the supplier to supply additional goods and materials to serve as sample, and upon such notice in writing the supplier shall be bound to supply additional sample of goods and materials, such additional samples being in all respects of same quality or sort as the sample first supplied.

5. (a) All rates are to be based on delivery, securely packed, and F.O.R. station nearest to suppliers are Indenting Officers as asked for in the tender notice.

(b) Railway freights, If pre-paid, shall be added to original quotations.

(c) When goods are ordered F.O.R. the station nearest to supplier, the Indenting Officer may at his option direct that this shall be booked either by goods train or by passenger train and either at owner's risk or at railway risk. The supplier shall carry out his direction and shall in any case be responsible for the safe delivery of the goods soundly and securely packed to the Railway Administration and shall obtain from such Railway Administration a clear receipt for the goods in evidence thereof. In the absence of a clear receipt the suppliers will be held responsible for all damages or loss caused by breakage or leakage which may occur to the goods while in transit and until they have been delivered to the consignee at Railway station of destination.

(d) When goods are ordered F.O.R. station of destination, the supplier shall be required to bear all risks of loss, leakage or damage and shall deliver the goods in good order to the consignee at railway station of destination, mentioned in the indent, in such quantities or number and within such time and in such manner as the Indenting Officer shall, from time to time, direct.

6. Unless when specially ordered in the order accompanying the indent, all goods must be despatched within 14 days of the receipt of indent by the supplier.

7. With every despatch of goods or materials under the arrangement invoices or bills of parcels in duplicate are to be sent by the supplier to the Indenting Officer, the duplicate to be returned by the Indenting Officer with the quantities or number received duly noted thereon.

8. Conditions as to time for performance whether laid down herein or in the indent, shall be always regarded as the essence of the arrangement.

9. The Director General/Addl. Director General of U.P. fire service or the Indenting Officer or any other Officer or person duly authorized in writing by the Director General/Addl. Director General of U.P. fire service shall have power to inspect the stores before and after manufacture, collection, despatch transit or arrival and to reject the same or any part of portion, If he or they be not satisfied that the same is equal or according to sample or specification in weights, quantity and number.

10. Goods or materials rejected or refused on the ground of inferior quality or any other ground shall be removed by the supplier at his own risk and expense within 10 days after notice been received by him of such rejection. In the event of non removal by the supplier as aforesaid within the said period of 10 days, it shall be law full for the Director General/Addl. Director General of U.P. fire service to authorise the Indenting officer to sell by public auction any rejected materials or goods and in such cases the supplier shall be credited with the sale proceeds thereof but will not be entitled to any loss or damage that may be occasioned by such sale. If the contractor is not satisfied with the decision of the authority rejecting or refusing the goods, he may appeal to the Director General/Addl. Director General of U.P. fire service within 5 days of the receipt of such notice, and the decision of the Director General of Police Fire Service Uttar Pradesh, will be final in all cases.

11. The system of payment shall be as follows:-

Bill in triplicate shall be sent by the supplier to Indenting Officer and on receipt of these the Indenting Officer or his superior officer shall make payment direct. The supplier may, however, for their own convenience send an advance intimation for the amount of the bill to the indenting officer but no advance payment shall be made.

Payment shall ordinarily be made within one month of delivery. All payments shall be subject to the deduction of any amount to which the supplier may be or render him self liable under the terms of this arrangement.

12. Packing cases containers gunny packages etc. which may be used for purposes of packing and which are delivered with stores will be not returned or paid for, unless specially stipulated.

13. The contractor shall not sub let or assign this contract with out the written the permission of the Director General/Addl. Director General of U.P. fire service. In the event of the contractor sub-letting or assigning this contract without such permission he shall be considered as having there by committed a breach of this contract.

14. In the event of the suppliers not being in strict accordance with these conditions or not being delivered with in the time allowed, the Director General/Addl. Director General of U.P. fire service may recover from the contractor as liquidated damages and not by way of penalty the sum of one percent of the value of the said goods or materials for each and every day up to 25 days during which the articles to be supplier are not delivered or bad articles are not replaced. Further, it shall be lawful for the Director General/Addl. Director General of U.P. fire service or the Indenting Officer to purchase the required articles or any suitable quality obtainable in the open market at the risk and cost of the contractor, who in addition to the liquated damages aforesaid shall be liable for any loss or damages caused by the said purchase. The Director General/Addl. Director General of U.P. fire service shall alone be entitled to adjudge upon the penalty or compensation or damages due for delay in performance as also to adjudge upon the advise ability of taking other suitable action. If the delay shall have arisen from any cause which the Director General/Addl. Director General of U.P. fire service may declare in writing to be reasonable, such additional time may be allowed as may be considered necessary in the circumstances of the case. In such a case be may also for ego the whole or any part of the aforesaid liquidated damages but not the other loss or losses.

15. In case of non performance in any form or shape of the condition of this arrangement the Director General/Addl. Director General of U.P. fire service shall have power to annual, rescind or cancel the arrangement and upon his notifying in writing to the supplier that he has so done, this arrangement shall absolutely determine. He may also debar the firm for the U.P. Fire Service Head Quarter Luck now contracts for such periods as he things fit.

16. In the event of any dispute arising out of or concerning this agreement (except as to any matters the decision of which is specifically provided for the this agreement ), the same shall be referred to the arbitration of an arbitrator nominated by the Director General/Addl. Director General of U.P. fire service and an arbitrator nominated by the contractor , or in the case of the contractor or the said Director General/Addl. Director General of U.P. fire service failing to nominate an arbitrator with in the time fixed in the notice to be served on him by the said Director General/Addl. Director General of U.P. fire service or the contractor, as the case may be, by the arbitrator nominated by the said Director General/Addl. Director General of U.P. fire service and the contractor or in case of disagreement between the said arbitrators to an umpire appointed by them and the decision of such arbitrators or arbitrator or umpire, as the case may be, shall be final and binding on the parties. The arbitrators/ arbitrator/umpire may from time to time with the consent of the parties enlarge the time for making and publishing the award.

17-Without prejudice to any other remedy provided by law any amount due from the supplier to the governor will be recoverable as arrears of land revenue and may also be recovered by deduction from any amount due from the governor to the supplier on any account under any other transaction.

18- The suppliers will send to the - The Director General/Addl. Director General of U.P. fire service, Lucknow. quarterly statement of goods they supply under this arrangement in the following form,

## QUOTATION

1- I/We hereby quote to supply the goods and materials in the under writing schedule in the manner in which and with in the time specified, as set forth in the conditions of arrangement stated above at the rates given in the schedule below. I/We hereby agree that in the event of tender being accepted, the conditions of pares- 1 to 17, on pages 1 to 4 and those contained in the acceptance letter will be binding upon me/us and will, along with the quotation, be converted into and shall be deemed to be a completed agreement between me/us and the Governor of U.P. from the date of issue of acceptance letter. I/We hereby further agree that if so required by the Director General/Addl. Director General of U.P. fire service. I/We shall execute a formal Agreement Deed.

2.I/We herewith deposit a sum of Rest as earnest money and should I/We fail to execute a fresh deed of agreement if so required, by the Director General/Addl. Director General of U.P. fire service. on behalf of the governor of U.P. and deposit the security as laid down in the tender notice with in 10 days of the acceptance of my/our tender . I/We hereby agree that, a part from my/our liability under the agreement the above sum of earnest money will be forfeited to the governor:

### SCHEDULE OF RATES

Taxes								
-----								
Sl no	Item	with Unit	Rates per unit	Sales tax	Excise duty	Total	Discount if any	Make and brand
1	2	3	4	5	6	7	8	9

-----  
--

All rates are for-----

Date the \_\_\_\_\_ day of \_\_\_\_\_ 2013/2014

Signature \_\_\_\_\_

Address \_\_\_\_\_ Name of supplying firm \_\_\_\_\_

N.B.-Please do not forget to fill in all the above columns.

Accepted -----

Signed -----

Designation -----

For and on behalf of the Governnor of Uttar Pradesh.

**TENDER FORM**  
**GOVERNMENT OF UTTAR PRADESH**  
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arbitrators/ arbitrator/umpire may from time to time with the consent of the parties enlarge the time for making and publishing the award.

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2.I/We herewith deposit a sum of Rest as earnest money and should I/We fail to execute a fresh deed of agreement if so required, by the Director General/Addl. Director General of U.P. fire service. on behalf of the governor of U.P. and deposit the security as laid down in the tender notice with in 10 days of the acceptance of my/our tender . I/We hereby agree that, a part from my/our liability under the agreement the above sum of earnest money will be forfeited to the governor:

### SCHEDULE OF RATES

Taxes								
-----								
Sl no	Item	with Unit	Rates per unit	Sales tax	Excise duty	Total	Discount if any	Make and brand
1	2	3	4	5	6	7	8	9
-----								

-----

All rates are for-----		
Date the	day of	2013/2014
Signature		
Address	Name of supplying firm	

-----

N.B.-Please do not forget to fill in all the above columns.

Accepted -----

Signed -----

Designation -----

For and on behalf of the Governnor of Uttar Pradesh.

**Bid Affidavit**

**(To be submitted on non judicial stamp paper of Rs.100.00)**

To: Addl. Director General of Police,  
Fire Service Headquarters,  
U.P., Lucknow -226 001

Sir:

Having examined the Bidding Documents (tender notice, general terms & conditions, technical specifications, and special terms & conditions of the tendered items), the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver Goods and Services in conformity with the said bidding documents in accordance with the Price Schedule attached with the financial bid and made part of this bid.

We undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Bidding Documents.

If our bid is accepted, we will obtain the guarantee of a bank in a sum equivalent to 10 percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Purchaser.

We agree to abide by this bid for the Bid validity period and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

We understand that you are not bound to accept the lowest or any bid you may receive.

We clarify/ confirm that we comply with the eligibility requirements as per the bidding documents.

Dated this ..... day of ..... 2012

\_\_\_\_\_  
(signature)

\_\_\_\_\_  
(in the capacity of)

Duly authorized to sign Bid for and on behalf of



REVISED MODEL FORM OF BANK GUARANTEE BOND

BG NO.....

DATED.....

AMOUNT Rs.....

In Consideration of the Governor, Uttar Pradesh (herein after called "The Government") having agreed to exempt----- (herein after called "the said constructor(s) from the demand under the terms and conditions of an Agreement dated-----made between-----and -----for herein after called "the said agreement") of security deposit for the due fulfillment by the said constructor(s) of the terms and conditions contained in the said Agreement, on production of the bank guarantee for Rs ----- (Rupee-----only) (herein after referred to us Bank) of (Indicate the name of the bank ).

We request of -----constrictors (s)/do here by under take to pay to the Government an amount not exceeding Rs-----against any loss or damage caused to or suffered or would be caused to or suffered by the Government by reason of any breach by the said contractors (s) of any of the terms and conditions contained in the said Agreement.

2- We -----here by undertake to pay the amount due the payable under (Indicate the name of the bank) this guarantee without any demur, merely on a demand from the government stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the government by reason of breach by the said constructor(s) of any of the terms and conditions contained in the said Agreement of reason of the constructor(s) failure to perform the said Agreement. Any such demand made on the bank shall be conclusive as regards and amount due and payable by the bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceed in Rs-----

3- We undertake to pay to the Government any money so demanded not with standing any dispute or disputes raised by the constructor(s) in any suit or proceeding pending before any court or tribunal relating there to our liability this present being absolute and under unequivocal.

The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor (s) supplier (s) shall have no claim against us for making such payment.

4- We-----further agree that the guarantee shall (Indicate the name of the bank) remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or field-----office/Department-----certifies that the terms and conditions of the said Agreement, have been fully and properly carried out by the said constructor (s), and accordingly discharges this guarantee. Unless a demand of a claim under this guarantee is made on us in writing on or before the -----we shall be discharged from all liability under this guarantee there after.

5- We-----further agree with the Government that the Government shall have (Indicate the name of the bank) the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said constrictor (s) from time to time or to postponed for any time or from time to time any of the powers Exercisable by terms and conditions relating to the said Agreement and we shall not be Relieved from our liability by reason of any such variation or extension being Granted to the said constrictor (s) or for any forbearance, act' or commission on the part of the Government or any indulgence by the Government to the said constructor (s) or by any such matter or thing whatsoever which under the relation to sureties would but for this provision, have effect of so relieving us.

6- This guarantee will not be discharged due to the change in the constitution of the bank or the constructor (s) .

7- We-----lastly undertake not to revoke this guarantee during (indicate the name of bank) its currency except with the precious consent of the government in writing.

Dated the -----day of-----

For----- (indicate the name of Bank)

## **CHECK LIST FOR TENDERERS**

**TENDERER SHOULD NOT FORGET TO ENCLOSE THE REQUIRED DOCUMENTS  
ALONG WITH YOUR BID, FAILING WHICH THE BID WILL BE REJECTED.**

		YES/NO	Page No. of Bid Document
1	Prescribed Bid/ Tender Fee of Rs..... DD No..... Dt.....		
2(a)	Bid Security (Earnest Money) of Rs..... Bank Guarantee/ DD No..... Dt.....		
2(b)	Proof of waiver of bid fees, bid security, performance security, if any ( Photo copy of valid Proof )		
3	Technical bid with all enclosures in duplicate in sealed envelopes. (No of enclosures with ..... page No.on each page.)		
4	Financial bid in duplicate in sealed separate envelopes.		
5	Page numbering of technical and financial bids including enclosures.(Total page No. of technical bid.)		
6	Signature of authorized persons along with official seal on each and every page of technical bids.		
7	Valid registration certificate of NSIC Directorate of Industries of Government of India/ State Governments.(only for manufacturer)		
8	Attested copy of PAN card./TAN/TIN		
9(a)	Valid Sales/ Trade Tax Registration Certificate (in case of U.P. firms).		
9(b)	Valid CST Registration Certificate (in case of outside U.P. firms).		
10	Acceptance for condition of 0.5% discount if payment is made within 30 days from the date of acceptance of material.		
11 (a)	In case of manufacturer of tendered items, enclose certificate of proof in this regard.		
11 (b)	In case you are not manufacture of tendered items, authorization letter(s) of your principal(s) to participate in this tender whose product(s) has/ have been quoted by you. Name of principal-----address.: ----- Phone No./Mob. No.-----		
11 (c)	In case you are not manufacture of tendered items, certificate from your principal(s) regarding proof of manufacturing of tendered items.		
12	Declaraton -Tenderer must submit an affidavit verified by the Notary on Non Judicial Stamp paper of Rs.100/- stating that the Tenderer /Firm has no criminal Background.		
13	Bid Affidavit on Rs.100/- Non Judicial Stamp paper verified by the Notary.		



# UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

TENDER NO -XXII- FS(T)-226-2013(D/M)

DATE 26-11-2013

**Tenders are invited for supply of the following items on behalf of the Governor of Uttar Pradesh.**

SL. No	Name & Description of stores with full specification.	Unit	Quantity	Nature Of contract.
1	<b>Fabrication of Water Tender Type 'B' (Small) on LCV Chassis</b>	<b>Each</b>	<b>14</b>	<b>Q/C till supply is completed.</b>
	<b>NOTE:-</b>			
1	Rates must be quoted exclusive of excise duty, specifying the rates of excise duty if any applicable			
2	Transportation Charges of chassis (To & Fro) must be included in Basic Price.			

## **DETAILED SPECIFICATION FOR WATER TENDER TYPE 'B' (SMALL)**

<b>GENERAL:-</b>	<b>Accepted</b>	<b>Deviation</b>
Water Tender type 'B' having 2500 liters capacity Water Tank, 1200 LPM capacity Gun metal centrifugal fire pump, ladder gallows, lockers, etc. shall be fabricated confirming to this specification as well as IS:950-1980 on the LCV Chassis to be supplied by the U.P. Fire Service Headquarters. ALL WELDING SHALL BE MIG WELDING.		
<b>WATER TANK:-</b> (1) Water Tank shall be 2500 liters capacity constructed out of 5.0 mm M.S. plates hi-grade in rectangular shape with elliptical top and bottom. Baffle plates shall be min 3mm thick with direction fitted with Stainless steel nuts and bolts to prevent surge when the vehicle is in breaking, cornering or accelerating. The baffle shall be arranged in a manner to facilitate the passage of a man throughout the tank for cleaning purpose. The Tank shall be mounted on min. three cross bearers on the chassis keeping in view the proper load distribution on the axles and counteract stress caused by chassis flexing and shall be so secured that it can be removed, when required. Tank shall be SAND BLASTING and two coating of APPOXY PAINT (date of sandblasting should be informed 05 days in advance). All fittings shall be given hot dip phosphating treatment, not less than 18 microns before painting. Inside coating shall be chloro Rubber paint of approved brand. Radiography of water tank for all joints / welding to be ensured 100% and report of all details should be submitted at the time of inspection. Testing o		
(2) The visual level indicator of the plastic tube shall be provided near the control panel calibrated and full. The Tank shall have one manhole of 65 cm Diameter separately on top of the tank with placing arrangement of stepni over it. The filling orifice on the top cover shall be of not less than 250 mm diameter made of aluminium and cap 9" diameter 'U' threaded type also of aluminium shall be chained, quick action spherical type valve reputed make shall be provided wherever a valve is required. Other equipments of the tank shall be same as IS:950-1980 (para 4-3-2 to 4-3-6-). Four lifting eyes shall be provided on the shell of the tank to enable the tank for lifting.		
<b>PUMP:-</b> (a) A built in type centrifugal pump 100 mm suction inlet and two nos. 63 mm delivery valve shall be mounted at the rear of the appliance. The pump shall be single stage type. The pump casing, impeller, impeller ring and impeller neck ring shall be lead tin bronze (grade-II) of IS: 318-1963. The Impeller neck ring and the impeller ring shall rewelable. Pumps shaft shall be of stainless steel (Grade 94 or 10 N 1 of IS:6603-1972) and shall be carried in antification bearings made of SKF/NBC/TATA.		
(b) The Impeller should be dynamically balanced, drain cock plug shall be provided at the bottom of the casing in a way to prevent the cock being opened vibrations, studs etc. used in the pump casing shall be stainless steel. The gland shall be of the mechanical adjustable type.		
(c) The pump shall be designed to give its rated out put of 1200 litres per minute at 7 Kg/Cm2 with an engine and pump input shaft speed safe enough to operate the engine. It shall give performance as given in table I of IS:950-1980 and shall be tested in same manner as prescribed there in para 4-5-4 pump casing and impeller shall also be tested before mounted.		
<b>PRIMER:-</b> The primer made of G.M. shall be of reciprocating piston type positive displacement capable of lifting water at least 7 mts in not more than 24 seconds.		
<b>POWER TAKE OFF:-</b> The pump shall be coupled to the prime mover of the chassis through power take off capable of full torque of the engine used for this appliance. A control lever for engaging and disengaging the pump with suitable locking device shall be provided in the driver's cab. The power take off shall be VAS/SYALL make. PTO should be dynamically balanced. <b>Guarantee Card and Sale Invoice</b>		

<b>for Specific PTO No. of Manufacturer Should be given at the time of Inspection and delivery.</b>		
<b>BODY WORK AND STOWAGE:-</b>		
1- One No Alum. Ladder shall be provided in the rear of the body to climb on top of the appliance.		
2- Lockers shall be provided for secure stowage of equipments given in IS:950-1980		
3- Double wall type lockers door shall be provided (over hinged type) with provision of automatic internal lighting arrangement with master switch in driver's cab and door's of the lockers shall have efficient means for holding them closed by efficient flush fitting spring loaded locks.		
4- Super structure of the entire body shall be made of 30x30x1.6 mm sq. Tube; wood shall not be used in fabrication work. The roof of drivers cabin crew compartment shall be covered with 16 gauge. m.s. sheet with the thermo cool packing 25 mm. thick and lining of 18 gauge PVC aluminium sheet. Outside body panelling and equipment box shall be made of 18 gauge aluminium chequered plats.		
5- Mud guards shall be of 18 gauge G.I. sheet.		
6- The parts likely to come in to contact with water shall be treated for anticorrosive.		
7- All metal pipe line chanals shall be hot dip phosphating.		
<b>SUCTION HOSE:-</b>		
Enclosed provision shall be made for keeping 4 nos. suction hose at convenient place with 16 gauge aluminium chequered plate. (As per design approved)		
<b>LADDER:-</b>		
Provision shall be made for keeping 7.5 m. Aluminium extension ladder at the roof of the body rope gallows which shall be firmly affixed with the frame work of the roof. Ladder mounting design should be such that it can be taken out or stowed easily by one man, means shall also be provided for securing the ladder stowed.		
<b>WATER MONITOR :-</b>		
A Suitable capacity water monitor shall be installed on water Tender with valve to control water flow.		
<b>COOLING SYSTEM:-</b>		
A heat exchanger tank made of 18 gauge brass plate having indirect cooling system of open circuit type in a convenient position in front of the engine to ensure efficient cooling during static running of the pump without over heating the engine /P.T.O. as recommended by manufacturer. Bypass water from the pump is fed to the cooling of the heat exchanger tank pass through a copper pipe coils and discharging the water in open. The tank shall be provided with filter, cap and a drain plug at the bottom.		
<b>WORKMANSHIP AND FINISH:-</b>		
All parts of the appliance Heavy duty shall have standard quality finish and workmanship. Railing and handle shall be heavy duty chromium plates of high quality. The appliance shall be painted in FIRE BRIGADE RED colour and shall be of dulux paint as per IS and state emblem as per size and colour.		
<b>TEST AND TRIAL:-</b>		
The appliance accessories and equipments. Shall be subjected to the different tests at the manufacturer workshop to check acceleration, performance of fabrication breaking, turning circle & Stability. Pump and Primer tests as per IS requirements governing the concerned at the cost and risk of manufacturer and material, grading test if required too. All testing facilities shall be provided by the manufacturer.		
<b>ACCESSORIES-</b>		
The following accessories shall be provided in addition to those normally fitted on modern commercial vehicles:-		
1- <b>WIRE MESSH GUARDS:-</b> Removeable type wire mesh guard of 1"x1" opening 1/10" thick for wind screen and on all windows shall be provided.		
2- <b>FIRE BELL:-</b> 250mm diameter as per I.S. specification fire bell shall be mounted on the top of the cabin and shall be capable of being operated from the driving compartment without extending the arms outside. The bell shall be as per IS:1988: 1964 hand operated type.		
3- <b>REVERSING LIGHT:-</b> Two Nos steel/suitably in rear fitted to assist reversing.		
4- <b>BLUE BLINKERS BAR LIGHT WITH HOOTER:-</b> 01, Covered with wire messh.( lumax /Grand make situated on the head of the driving compartment. )		
5- <b>TRAFFICATORS :-</b> Illuminated with indicted lights on any prominent place as per motor vehicles act.		
6- <b>SIREN :-</b> Kheraj make ½ mile range.		
7- <b>SPOT LIGHT:-</b> Adjustable mounted in a convenient position near side of the driving compartment bulb will be 12 volt 30 watts.		
8- <b>INSPECTION LAMP:-</b> Protected type on wonder lead with plug. A socket shall be provided in the central panel in the driver's cab for plugging in the lamp.		
9- <b>ELECTRIC CALL BELL:-</b> An electric call bell in driver's cabin with its push button at rear side of the vehicle.		
10- <b>LIGHTS :-</b> Instrument panels and lockers shall be provided with lights.		
11- A trickle type battery charger shall be provided for recharging the battery in side along with plug, socket and lead wire.		

12-external	A rear pilot lamp indicator:- supply shall be provided.	When the batteries are being charged from an		
13-	Rear Reflectors :-	Two Nos.		
14:-	INSTRUCTION BOOK:-Functional Requirements as per IS:950: 1980			
SCHEDULE OF EQUIPMENT TO BE STOWED IN THE APPLIANCE				
Sl.no.	ITEMS	QNTY.		
1	Aluminium extension ladder 7.5 m only Simplex make.	1		
2	Suction hose of rubber of 100 mm internal diameter in 2.5 m lengths (IS:3549-1983) fitted with 100 mm suction hose couplings (IS:902 -1992)	4 Nos.		
3	3 way suction collecting head 100m size (IS:904 -1983) GM.	1		
4	Suction wrenches for 100m suction coupling (IS:4643 -1984)	2		
5	Suction strainer 100mm size GM (IS:907 -1984)	1		
6	Basket strainer (cylindrical type)(IS:3582 -1984)(CANE)	1		
7	Dividing breeching with control instantaneous pattern 63 mm GM (IS:5131 -2002)	1		
8	Collecting breaching instantaneous pattern 63 mm (IS:904 -1983) GM	1		
9	a) Hydrant – stand pipe one way (IS:571-1970) b)Double female coupling (IS:901 -1988) c) Hydrant connection, 63 mm female instantaneous pattern delivery couplings at both ends (IS:901 -1988)	1 2 2		
10	Combined key for hydrant and bar (IS:910 -1980)	2		
11	Fire proximity suit with Helmet, Gloves Hood & boot (Annexure -A) Attached Specification 1 No.	2Set		
12	Hand controlled branch for 63 mm size hose coupling GM.	2		
13	Diffuser Branch	2		
14	Ordinary Branch Pipe IS:903-1993, ISI Mark(G.M.)	2		
15	a) Adopter for 100 mm suction female screw coupling and 63 mm male instantaneous (GM) b) Adopter double female instantaneous pattern 63 mm (GM) c) Adopter double male instantaneous pattern 63 mm (GM)	2 2 2		
16	Nozzle spanners (IS:903 -1993)	2		
17	Portable rechargeable light accumulator	2		
18	Hand lamp (torch-4 cells)	2		
19	Flameproof lamp (usable in the presence of inflammable gases or vapours)	2		
20	Self-contained breathing apparatus (compressed air type) complete with spare cylinder and tool kit EN-137 and EN-136 with DSU unit BA set cylinder capacity 6 ltr/ 300 bars. (Annexure -B) Attached Specification 2 No.	2 Sets		
21	Portable fire extinguisher , ABC type 8 kg. (ISI: Mark)	2		
22	Foam making branch FB-2 with pick up tube (IS:2097 -1983)	1		
23	Rubber gloves (in case) (IS:4770 -1991)	2 pairs		
24	Axe, large (IS:703 -1966)	1		
25	Pick axe (IS:273 -1990)	1		
26	Crow bar (IS:704-1984)	1		
27	Steel hammer (IS:841 -1983)	1		
28	Spanner adjustable 30 cm long handle (as per IS)	1		
29	Revolving Branch Pipe for firefighting use IS: 906: 1988	1		
30	Hydraulic jack-10 tonne	1		
31	Fire hook (IS:927 -1981)	1		
32	Tool kit (for normal other than supplier with chassis)	F1		
33	Grease gun ½ kg. size	2		
34	Oil feeder	1		
35	Can oil- 2 litres	1		
36	Oil can	1		
37	Funnel for oil or fuel filling	1		
38	Engineers File 30 cm (IS:1931 -2003)	1		
39	First aid box for 10 person	1		
40	Bolt Cutter	1		
	1-Size: Length not less than 30”			
	2-Cutting jaws: made of high tensile solid alloy steel, especially heat treated with center cut heads.			
	3-Handle : With sufficient grip of rubber.			
	4- Application : Suitable for cutting hard material viz bolt, iron rod of 10 to 14mm diameter.			
41	Full body harness EN certified.	02		
42	Rope manila type 20 mm dia. Grade-1 ISI mark. 110 ft	2 length		
43	Rescue hook	1		

**(Annexure -A)**

<b>MULTI-LAYER PROXIMITY SUIT, GLOVES, BOOT, HOOD, HELMET WITH ACCESSORIES</b>		<b>Accept</b>	<b>Deviation</b>
<b>Multilayer fire proximity suit with accessories</b>			
1- Suit	Multilayer fire coat and over trousers		
2- Material	Three layer assembly containing an outer shell made of inherently flame resistant Aramid or equivalent FR fabric , breathable moisture barrier and thermal layer with liner to insulate against heat. Outer shell fabric shall be in Blue or Black colour. Both Fire Jacket and Trouser should have EN certified Triple Trim Reflective tape of 50 mm width as per the requirements stipulated in EN 469 Standards.		
3- Conformity	EN 469: 2005 Level 2 , CE marked		
<b>Gloves</b>			
Multilayer fire fighter gloves	As per EN 659 , CE marked or equivalent or latest		
<b>BOOT</b>			
Fire fighter boot	As per EN 15090 standard or latest		
<b>Hood &amp; Helmet</b>			
Hood	Flame resistant knitted hood made of inherently FR fabric		
Helmet	Fireman Helmet as per EN 443 standard, CE marked complete with EN 166 Visor , providing shell protection to the upper neck area besides head portion. The Helmet shall be supplied in Yellow/ Red/ Fluorescent green colour.		
Certificates	All certificate must be submitted showing conformity to stated standards		

**(Annexure -B)**

<b>SPECIFICATION OF BREATHING APPARATUS SET WITH D.S.U. AND SPARE CYLINDER OF DRAGGER/VIJAY SABRE / SABRE/ MSA MAKE ONLY</b>			
<b>A- GENERAL REQUIREMENT:</b>		<b>Accepted</b>	<b>Deviation</b>
1-	The set should be self-contained open circuit type compressed air Breathing Apparatus fully confirming to EN 137 standard and EN 137 class ii- 2006 or latest.		
2-	The cylinder of the set should be approved by CCOE India.		
3-	The minimum duration of use of the set should not be less than 45 minutes.		
4-	The design of the set should be such that it shall be possible to use the set under water up to the depth of 1 meter.		
5-	The main valve of the air cylinder should be so arranged that it can be operated in worn position by the wearer.		
6-	The design of the set should be flexible to allow the use of cylinders of different size and it should be possible to change the cylinder without the need of a any special tool.		
<b>B-MATERIALS:</b>			
1-	The back plate of the set should be made from carbon composite material.		
2-	The facemask should be made from EPDM/ Neoprene/ Silicon rubber.		
3-	The material of the facemask visor should be demisting, scratch proof polycarbonate.		
4-	The materials used for the fabrication of various parts of the set should be anti-static.		
5-	The shoulder strap and hip belt should be made from Kevlar with Nomex padding.		
6-	The high and low pressure hoses should not be interchangeable.		
<b>C- WEIGHT :</b>			
The weight of the ready to use set with facemask and fully charged compressed air cylinder should not exceed 16 kg.			
<b>D –BACK PLATE (BODY HARNESS):</b>			
1-	All the adjusting devices should be so constructed that once adjusted they would not slip inadvertently.		
2-	The back plate should have universal type cylinder strap to accommodate all types of cylinders, from 6.0-liter to 9.0-liter cylinder, with cam lock mechanism.		
3-	The back plate should be ergonomically designed to follow the natural contour of the back and the weight should be concentrated on hips to reduce the back strain, stress and fatigue. It should allow the user to DON and DOFF the set quickly and easily without assistance.		
<b>E -FACEMASK:</b>			
The facemask should be in accordance and approved as per EN 136. or latest			
<b>F -AIR CYLINDER:</b>			
1-	The air cylinder should have a minimum water capacity of 6.0 liters and free air capacity of		

min.1800 liters when filled at a pressure of 300 bars.		
2- The material for cylinder should be steel and the cylinder diameter should not be less than 140 mm.		
3- The cylinder should be approved by CCOE.India.		
<b>G –PRESSURE REDUCER:</b>		
1- Small, light, sturdy pressure reducer with high air delivery with direct filling devices and a safety pressure relief valve.		
2- The pressure reducer valve should have a high-pressure outlet and low-pressure outlet with a warning whistle.		
3- The pressure reducer valve should have a provision of safety pressure relief valve.		
4- The pressure reducer should provide up to 1000 lpm flow of air.		
<b>H –LUNG DEMAND VALVE:</b>		
1- The LDV should start the air supply as soon as the wearer takes the first breath and shall be equipped with a bypass facility.		
2- The LDV housing should have molded construction and should house all the components of LDV. The design of LDV should be as small as possible and should not restrict the view of the wearer when attached to the facemask.		
3- The LDV should be attached to the facemask in such a way that it should not create any hindrance to the firemen while crawling.		
4- The LDV should have flow not less than 500 liters per minute and should activate at first breath at 20 – 30 mbar.		
<b>I –HOSES:</b>		
1- All the hoses used in the set should be flexible and non-kinking type and should permit the free movement of the head.		
2- The hoses should not restrict or close the supply at any time and shall not collapse.		
3- The hose connected to the lung demand valve from the pressure reducer including the connector should be capable of withstanding twice the operating pressure of pressure reducer safety valve or 30 bar, whichever is higher for a minimum of 15 minutes.		
<b>J -OPERATION AND MAINTANENCE MANUAL:</b>		
The manufacturer should supply operation and maintenance manuals with each BA Set plus two additional sets. All manuals should be in English.		
<b>K-GUARANTEE:</b>		
1- The manufacturer should give the guarantee of minimum 12 calendar months from the date of supply of goods against any manufacturing defects.		
2- The manufacturer should also give guarantee for the supply of spares and service for minimum period of 10 years from the date of supply of goods.		
<b>L-AFTER SALES SERVICE</b>		
The supplier should have a full fledged after sales service facility in India in accordance to BIS 10245. It should have the following facilities for testing.		
1- Instruments for measuring the air flow capacity, breathing resistance and exhalation resistance.		
2- Instrument for conducting Positive and Negative Pressure Leak tests for mask/lung demand regulator.		
3- Artificial lung simulator for Respirator Performance tests.		
4- Facility for refilling and hydrostatic testing of cylinders duly approved by CCOE, Nagpur.		
<b>M-CARRYING CASE -</b>		
Carrying case should be supplied along with each set.		
<b>N-DISTRESS SIGNAL UNIT-</b> Each SCBA set should be provided with a separate D.S.U. in dependently operating on its own , should be small ,lightweight, which can be easily fixed at users waist belt with the help of a clip, developed for the fire service suitable for critical fire fighting and rescue applications . It should have international approvals e.g. N.F.P.A/EN/CN		
<b>O- The complete set must comply EN-137 class ii – 2006 or latest.</b>		

#### **SPECIAL TERMS AND CONDITION :-**

1. **Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.**
2. **F.O.R.: Various destinations in U.P.**
- 3.(a) **Capacity of Fabrication of water tender per month must be quoted.**

**3.(b) Water Tender Fabrication may be allotted to the L-2 and L-3 Tenders if capacity of L-1 is found Less, at the rate quoted by L-1 with consent of L-2 & L-3 .**

**4.1 Inspection:**

- (a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.
- (b) After award of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop. All the expenses and cost of the inspection including travel, boarding and lodging etc. will be borne by the supplier. Inspection will be done in three stages:
  - (1) After fabrication of superstructure
  - (2) Before final painting
  - (3) Before delivery.
  - (4) The bidders must have complete testing & trial arrangement regarding fabrication of water Tender with them. If third party inspection is required the expenses will be born by the supplier the bidder must have testing facility e.g. deep lift test , flow test (v-notch )and tilting test, gradian test facility etc.
- (c) The bidders must describe in technical bid about their past performance for last five years related to fabrication /supply of fire fighting vehicle with documentary proof.
- (d) **Insurance against Chassis:** All Chassis shall be comprehensively insured (within 07 days from the date of award of contract) by the fabricator/ vender in favor of 'U.P. Fire Service Head Quarter, Lucknow' for full compensation in case of loss by theft and/ or fire or any other way whatsoever for the period after they have been handed over to the fabricator/ vender and till we take possession of these Chassis as water Tender.
- (E) No drilling welding and cutting of the chassis shall be allowed.
- (F) The trial piece shall have to be constructed as per delivery schedule strictly conforming to the specifications and drawing approved by the indenting officer, failing which the advance security money of the firm shall be forfeited.

**4.2Supply:-**

- (a)**Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 15 days from the date of award of contract, duly pledged to the Spl.Director General of Police, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.
- (b)**Delivery period:** Delivery of proto type vehicle shall be made within 30 days from the date of receipt of the supply order and balance latest by 07<sup>th</sup> March,2014.
- (c) Fabricated vehicles should be supplied on proportionate basis from the date of receipt of chassis.
- (d)**Penalty** of Rs.500/- (five hundred only) per day per body will be charged for any delay in completion of work or handing over the completed body beyond the stipulated period.
- (e) **Warranty :** Warranty shall be for a period of 12 months from the date of acceptance of water Tender by competent authority.
- (f) **The bidders** shall have to remove all manufacturing/ operational or any other defects/ problems detected in the equipment during the 12 months warranty period



within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.

**(g)Printed leaflet** and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.

**(h)The decision** of technical committee will be final.

**(i)Delivery period** may be extended on reasonable ground by 'Director General/ Addl. Director General of Fire Service'.

5. The brand names and makes of the following items must be specified in the Tech. offer by the tenderers .

*1- PTO WITH RATIO*

*2- SIRAN*

*3- BLUE BLINKERS BAR LIGHT*

*4- PUBLIC ADDRESS SYSTEM*

*5- PAINT TO BE USED.*

**(P. K. RAO )**

**Dy. Director, Technical(P & O)**

Fire Service Hqrs., U. P.,

**LUCKNOW**



# UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

**TENDER NO -XXII- FS(T)-227-2013**

**DATE 26-11-2013**

**Tenders are invited for supply of the following items on behalf of the Governor of Uttar Pradesh.**

SL. No	Name & Description of stores with full specification.	Unit	Quantity	Nature Of contract.
1	Fabrication of Water Tender on 16 Ton Full forward control truck Chassis.	Each	08	Q/C till supply is completed.

	<b>NOTE:-</b>		
1	Rates must be quoted exclusive of excise duty, specifying the rates of excise duty if any applicable		
2	Transportation Charges of chassis (To & Fro) must be included in Basic Price.		

## **DETAILED SPECIFICATION FOR WATER TENDER TYPE 'B'**

<b>GENERAL:-</b>	Accepted	Deviation
Water Tender type 'B' having 5500 liters capacity Water Tank 1800 LPM capacity Gun metal centrifugal fire pump Syall/VAS P.T.O. , ladder gallows, lockers, First Aid, Hose reel etc. shall be fabricated confirming to this specification as well as IS:950-1980 on 16 Ton Full forward control truck Chassis to be supplied by the U.P. Fire Service Headquarters. ALL WELDING SHALL BE MIG WELDING.		
<b>WATER TANK:-</b> (1) Water Tank shall be 5500 liters capacity constructed out of 5 mm M.S. plates with S.S. nuts and bolts to prevent surge when the vehicle is in breaking, cornering or accelerating. The baffle shall be arranged in such a manner to facilitate the passage of a man throughout the tank for cleaning purpose. The Tank shall be mounted on minimum three cross bearers. On the chassis keeping in view the proper load distribution on the axles and counteract act stress caused by chassis flexing and shall be so secured that it can be removed, when required. The Tank and its fittings shall be given adequate phosphating treatment, before painting. Inside coating shall be chloro Rubber paint of approved brand. Date of sandblasting should be informed 05 days in advance		
(2) The visual level indicator of the plastic tube shall be provided near the control panel calibrated and full. The Tank shall have one manhole of 65 cm Diameter. The filling orifice on the top cover shall be of not less than 250 mm diameter made of aluminum and screwed cap shall be chained spherical type valve leader make shall be provided wherever a valve if required. Other equipments of the tank shall be same as IS:950-1980 (para 4-3-2 to 4-3-6-). Four lifting eyes shall be provided on the shell of the tank to enable the tank to be lifted off the vehicle whenever required.		
<b>PUMP:-</b> (1) A built in type centrifugal pump 100 mm suction inlet and two nos. 63 mm delivery valve shall be mounted at the rear of the appliance. The pump shall be double stage type. The pump casing, impeller, impeller ring and impeller neck ring shall be lead tin bronze (grade-II) of IS: 319-2007. The Impeller neck ring and the impeller ring shall be review able. Pumps shaft shall be of stainless steel (Grade 94 or 10 Ni of IS:6603-1972) and shall be carried in antifriction bearings made of SKF. (2) The Impeller should be dynamically balanced, drain cock plug shall be provided at the bottom of the casing in a way to prevent the cock being opened to vibrations, studs etc. used in the pump casing shall be stainless steel. The gland shall be of the mechanical adjustable type. (3) The pump shall be designed to give its rated out put of 1800 liters per minute at 7 Kg/Cm2 with an engine and pump input shaft speed safe enough to operate the engine. It shall give performance as given in table I of IS:950-1980 and shall be tested in same manner as prescribed there in Para 4-5-4 pump casing and impeller shall also be tested before mounted.		
<b>PRIMER:-</b> The primer made of G.M. shall be of reciprocating piston type positive displacement capable of lifting water at least 7 mtr. in not more than 24 seconds. Means shall be provided to limit the speed the engine while the primer is engaged.		

<p><b>POWER TAKE OFF:-</b> The pump shall be coupled to the prime mover of the chassis through power take off capable of full torque of the engine used for this appliance. A control lever for engaging and disengaging the pump with suitable locking device shall be provided in the driver's cab. The power take off shall be SYALL/VAS MAKE. PTO should be dynamically balanced <b>Guarantee Card and Sale Invoice for specific PTO No. of Manufacturer Should be given at the time of Inspection and delivery.</b></p>		
<p><b>BODY WORK AND STOWAGE:-</b> 1- Enclosed accommodation for seven persons with windscreen and shall be provided sliding type windows having size 60x50 cm. for the officer and crew doors and window size 42x42 cm. For up and down glass in aluminum section for driver door. With glass 5mm. thick toughened, moving up and down by heavy duty machine in galvanized channels on each side (single leaf type) shall be provided on the driver cum crew compartment. One peep window on each side (fixed type) be provided on cabin between the both windows matching to them. The door shall be kept light and hinged opening outward (Max 2650) and shall have catch locks and flush type handles cab cum crew compartment flooring shall be made of 10 gauge aluminum chequered plate. Inside dimension of driver cum crew compartment length wise not less then 185 cm. from dish board to back of the crew and width wise as per width of the chassis. The clear height of the cabin rooting from the floor of the cabin should not be less than 1650 mm. Foot board and covered with aluminum 10 gauge chequered plate. Crab rail shall be provided at the rear of the appliance, for four persons. The front show and screen be properly fabricated to give sufficient strength and shape to the cabin. Width of the windscreen shall not be less then 75 cm. and thickness of the toughened glass shall be 5.5 mm.</p>		
<p><b>SEATS:-</b> 1- Adjustable type driver's suitable seat and officer's with bottom cushion of the size 18" x18" and 18"x 20" are to fitted. This should have 4" and 2" thick Don top foam cushion duly covered with best quality foam. Rexene and be fabricated, out of 35x35 mm. angle crew scat in cabin shall be on a full length equipments box be fabricated from, M.S. angle 35x35x5 mm and 16 gauge alum. Minimum Chequered plate with bottom cushion of 2" thick Dunlop and covered with best quality foam Rexene.</p>		
<p>2- Officer seat and one crew sent should have provision for B.A. set and cylinder fixing at the back of the seat.</p>		
<p>3- One No. Ladder shall be provided (Fixed type) in the rear of the body to climb on top of the appliance.</p>		
<p>4- Six lockers shall be provided for secure stowage of all equipments given in IS: 950-1980</p>		
<p>5- Double wall type lockers door shall be provided (over hinged type) with provision of automatic internal lighting arrangement with master switch in driver's cab and doors of the locker shall have efficient means for holding then closed by efficient flush fitting spring loaded locks.</p>		
<p>6- Super structure of the entire body shall be made of 30x30x1.6 mm sq. M.S. tube. Wood shall not be used in fabrication work. The roof of driver cabin cum crew compartment shall be covered, with ¼ gauge M.S. sheet with the thermo-cols packing 25 mm. thick and lining of 18 gauge aluminum sheet, outside body paneling shall be 18 gauge aluminum sheet and equipment box shall be made of 18 gauge aluminum sheet and flooring of the same shall be 10 gauge aluminum chequered plats.</p>		
<p>7- Mudguards shall be of 16 gauges G.I. sheet.</p>		
<p>8- The parts likely to come in contact with water shall be treated for anticorrosive.</p>		
<p><b>SUCTION HOSE:-</b> Enclosed provision shall be made for keeping 4 nos. suction hose at a convenient place with 10 gauge aluminum chequered plate flooring.</p>		
<p><b>LADDER:-</b> Provision shall be made for keeping 10.5 m. Aluminum extension ladder at roof Of the body on proper gallows which shall be firmly affixed with the frame work of the roof. Ladder mounting design should be such that it can be taken out or stowed easily by one man, means shall also be provided for securing the ladder stowed.</p>		
<p><b>COOLING SYSTEM:-</b> A heat exchanger tank made of 18 gauge brass plate having indirect cooling system of open circuit type in a convenient position be provided in front of the engine to ensure efficient cooling during static running of the pump without over heating the engine /P.T.O. as recommended by manufacturer, Bye-pass water from the pump is fed to the cooling of the heat exchanger tank pass through a copper pipe coils and discharging the water in open. The tank shall be provided with filter, cap and a drain plug at the bottom.</p>		
<p><b>WATER:-</b> Suitable capacity water monitor shall be mounted on top of the vehicle with valve to control the water flow connected with fire pump.</p>		
<p><b>TOWING HITCH:-</b> Drag hitch or eyes shall be fitted to each chassis member at rear for towing a two wheeled trailer weighing approximately one tone. The towing which shall be provided to the chassis with its height center at 600 mm ground level.</p>		
<p><b>TEST AND TRIAL:-</b> The appliance shall be subjected to the different tests at the manufacturer workshop to check acceleration, performance of fabrication breaking, turning circle, Stability pump and primer tests as per IS requirements governing at the cost and risk of manufacturer and material, grading test if required too. The manufacturer shall provide all testing facilities.</p>		
<p><b>ACCESSORIES-</b> The following accessories shall be provided in addition to these normally fitted on modern</p>		

commercial vehicles:-				
<b>1-HOSE REEL:-</b> 60 meter first aid hose reel of approved brand with 20 mm. bore rubber hose control valve and nozzle shall be provided at convenient place of the appliance, as given in IS:884-1969.				
<b>2-WIRE MESSH GUARDS:-</b> Remove able type wire mesh guards of 1"x1" opening 1/10" thick for wind screen and on all windows shall be provided.				
<b>3-WORKMANSHIP AND FINISH:-</b> All parts of the appliance shall have standard quality finish and workman ship, Railing and handle shall be chromium plates of high quality. The appliance shall be painted as per our emblem, size and colour.				
<b>4-PAINTING AND MARKING:</b> The appliance shall be painted in FIRE BRIGADE RED COLOUR' and shall be painted as per our emblem, size ISI.				
<b>5- INSTRUCTION BOOK:</b> Instruction book as per IS:850-1980.				
<b>6- FIRE BELL:-</b> 250mm diameter fire bell shall be mounted on the top of the cabin and shall be capable of being operated from the driving compartment without extending the arms outside. The bell shall be as per IS:1988: 1964 and operated type.				
<b>7- REVERSING LIGHT:-</b> Two Nos suitably rear situated to assist reversing (bulb will be 12 v. 25watts. )				
<b>8- BLUE BLINKERS BAR LIGHT WITH HOOTER :- 01, Covered with wire messh.( lumax /Grand make situated on the head of the driving compartment. )</b>				
<b>9- TRAFFICATORS :-</b> Illuminated with indicating lights on any prominent place as per Motor Vehicles act.				
<b>10- SIREN :-</b> Kheraj ½ mile range.				
<b>11- SEARCH LIGH :-</b> Adjustable to give flood of beam light mounted in a convenient position but capable of being readily disconnected and mounted on a tripod away from the appliance complete with tripod and 30 m of PCB cable on a reel mounted on the appliance.				
<b>12- SPOT LIGHT:-</b> Adjustable mounted in a convenient position near side of the driving compartment bulb will be 12 volt 30 watts.				
<b>13- INSPECTION LAMP:-</b> Protected type on wonder lead with plug. Shocked shall be provided in the central 1 panel in the driver's cab for plugging in the lamp.				
<b>14- ELECTRIC CALL BELL:-</b> An electric call bell in driver's cabin with its push button at rear side of the vehicle.				
<b>15- CAB:-</b> Instrument panel and lockers shall be provided with lights.				
<b>16- A trickle type battery charger</b> shall be provided for recharging the battery in side along with plug, socket and lead wire.				
<b>17- A red pilot lamp indicating:-</b> When the batteries are being charged from an external supply shall be provided.				
<b>18- Rear Reflectors :-</b> Two Nos.				
SCHEDULE OF EQUIPMENT TO BE STOWED IN THE APPLIANCE				
Sl.no.	ITEMS	QNTY.		
1	Aluminium extension ladder 10.5 M only Simplex make.	1		
2	Suction hose of rubber of 100 mm internal diameter in 2.5 m lengths each (IS:3549-1983) fitted with 100 mm suction hose couplings (IS:902 -1974) (copper alloys)	4 Nos.		
3	3 way suction collecting head 100m size (IS:904 -1983) GM.	1		
4	Suction wrenches for 100mm suction coupling (IS:4643 -1984) (M.S)	2		
5	Suction strainer 100mm size GM (IS:907 -1984) (copper alloys)	1		
6	Basket strainer (cylindrical type)(IS:3582 -1984) (CANE)	1		
7	Dividing breeching with control instantaneous pattern 63 mm GM (IS:5131 -2002)	1		
8	Collecting breaching instantaneous pattern 63 mm (IS:5131 -2002) GM	1		
9	a) Hydrant – stand pipe one way (IS:571-1970) b) Double female coupling (IS:901 -1988) c) Hydrant connection, 63 mm female instantaneous pattern delivery couplings at both ends (IS:901 -1988)	1 2 2		
10	Combined key for hydrant and bar (IS:910 -1980)	2		
11	Fire proximity suit with Helmet, Gloves Hood & boot ( <b>Annexure -A</b> ) Attached Specification 1 No.	2Set		
12	Hand controlled branch for 63 mm size hose coupling GM.	2		
13	Diffuser Branch	2		
14	Ordinary Branch Pipe IS:903-1993, ISI Mark(G.M.)	2		
15	a) Adopter for 100 mm suction female screw coupling and 63 mm male instantaneous (GM) b) Adopter double female instantaneous pattern 63 mm (GM) c) Adopter double male instantaneous pattern 63 mm (GM)	2 2 2		
16	Nozzle spanners (IS:903 -1993)	2		
17	Portable rechargeable light accumulator	2		
18	Hand lamp (torch-4 cells)	2		
19	Flameproof lamp (usable in the presence of inflammable gases or vapours)	2		
20	Self-contained breathing apparatus (compressed air type) complete with spare cylinder and tool kit EN-137 and EN-136 with DSU unit BA set cylinder capacity 6 ltr/ 300 bars. ( <b>Annexure -B</b> ) Attached Specification 2 No.	2 Sets		
21	Portable fire extinguisher , ABC type 8 kg. (ISI: Mark)	2		

22	Foam making branch FB-2 with pick up tube (IS:2097 -1983)	1		
23	Rubber gloves (in case) (IS:4770 -1991)	2 pairs		
24	Axe, large (IS:703 -1966)	1		
25	Pick axe (IS:273 -1990) Pick and Beater	1		
26	Crow bar (IS:704-1984)	1		
27	Sledge hammer (IS:841 -1983)	1		
28	Spanner adjustable 30 cm long handle (as per IS)	1		
29	Revolving Branch Pipe for firefighting use IS: 906: 1988	1		
30	Hydraulic jack-10 tonne	1		
31	Fire hook (IS:927 -1964)	1		
32	Tool kit (for normal other than supplier with chassis)	F1		
33	Grease gun ½ kg. size	2		
34	Oil feeder	1		
35	Can oil- 2 litres	1		
36	Oil can	1		
37	Funnel for oil or fuel filling	1		
38	Engineers File 30 cm (IS:1931 -2003)	1		
39	First aid box for 10 person	1		
40	Bolt Cutter	1		
	1-Size: Length not less than 30"			
	2-Cutting jaws: made of high tensile solid alloy steel, especially heat treated with center cut heads.			
	3-Handle : With sufficient grip of rubber.			
	4- Application : Suitable for cutting hard material viz bolt, iron rod of 10 to 14mm diameter.			
41	Full body harness EN certified.	2		
42	Rope manila type 20 mm dia. Grade-1 ISI mark. 110 ft	2 length h		
43	Rescue hook	1		

**(Annexure -A)**

<b>MULTI-LAYER PROXIMITY SUIT, GLOVES, BOOT, HOOD, HELMET WITH ACCESSORIES</b>		<b>Accept</b>	<b>Deviation</b>
<b>Multilayer fire proximity suit with accessories</b>			
1- Suit	Multilayer fire coat and over trousers		
2- Material	Three layer assembly containing an outer shell made of inherently flame resistant Aramid or equivalent FR fabric , breathable moisture barrier and thermal layer with liner to insulate against heat. Outer shell fabric shall be in Blue or Black colour.  Both Fire Jacket and Trouser should have EN certified Triple Trim Reflective tape of 50 mm width as per the requirements stipulated in EN 469 Standards.		
3- Conformity	EN 469: 2005 Level 2 , CE marked		
<b>Gloves</b>			
Multilayer fire fighter gloves As per EN 659 , CE marked or equivalent or latest			
<b>BOOT</b>			
Fire fighter boot As per EN 15090 standard or latest			
<b>Hood &amp; Helmet</b>			
Hood Flame resistant knitted hood made of inherently FR fabric Helmet Fireman Helmet as per EN 443 standard, CE marked complete with EN 166 Visor , providing shell protection to the upper neck area besides head portion. The Helmet shall be supplied in Yellow/ Red/ Fluorescent green colour.			
Certificates All certificate must be submitted showing conformity to stated standards			

**(Annexure -B)**

<b>SPECIFICATION OF BREATHING APPARATUS SET WITH D.S.U. AND SPARE CYLINDER OF DRAGGER/VIJAY SABRE / SABRE/ MSA MAKE ONLY</b>	<b>Accepted</b>	<b>Deviation</b>
1- The set should be self-contained open circuit type compressed air Breathing Apparatus fully confirming to EN 137 standard and EN 137 class ii- 2006 or latest.		
2- The cylinder of the set should be approved by CCOE India.		
3- The minimum duration of use of the set should not be less than 45 minutes.		
4- The design of the set should be such that it shall be possible to use the set under water up to the depth of 1 meter.		
5- The main valve of the air cylinder should be so arranged that it can be operated in worn		

position by the wearer.		
6- The design of the set should be flexible to allow the use of cylinders of different size and it should be possible to change the cylinder without the need of a any special tool.		
<b>B-MATERIALS:</b>		
1- The back plate of the set should be made from carbon composite material.		
2- The facemask should be made from EPDM/ Neoprene/ Silicon rubber.		
3- The material of the facemask visor should be demisting, scratch proof polycarbonate.		
4- The materials used for the fabrication of various parts of the set should be anti-static.		
5- The shoulder strap and hip belt should be made from Kevlar with Nomex padding.		
6- The high and low pressure hoses should not be interchangeable.		
<b>C- WEIGHT :</b>		
The weight of the ready to use set with facemask and fully charged compressed air cylinder should not exceed 16 kg.		
<b>D –BACK PLATE (BODY HARNESS):</b>		
1- All the adjusting devices should be so constructed that once adjusted they would not slip inadvertently.		
2- The back plate should have universal type cylinder strap to accommodate all types of cylinders, from 6.0-liter to 9.0-liter cylinder, with cam lock mechanism.		
3- The back plate should be ergonomically designed to follow the natural contour of the back and the weight should be concentrated on hips to reduce the back strain, stress and fatigue. It should allow the user to DON and DOFF the set quickly and easily without assistance.		
<b>E -FACEMASK:</b>		
The facemask should be in accordance and approved as per EN 136. or latest		
<b>F -AIR CYLINDER:</b>		
1- The air cylinder should have a minimum water capacity of 6.0 liters and free air capacity of min.1800 liters when filled at a pressure of 300 bars.		
2- The material for cylinder should be steel and the cylinder diameter should not be less than 140 mm.		
3- The cylinder should be approved by CCOE.India.		
<b>G –PRESSURE REDUCER:</b>		
1- Small, light, sturdy pressure reducer with high air delivery with direct filling devices and a safety pressure relief valve.		
2- The pressure reducer valve should have a high-pressure outlet and low-pressure outlet with a warning whistle.		
3- The pressure reducer valve should have a provision of safety pressure relief valve.		
4- The pressure reducer should provide up to 1000 lpm flow of air.		
<b>H –LUNG DEMAND VALVE:</b>		
1- The LDV should start the air supply as soon as the wearer takes the first breath and shall be equipped with a bypass facility.		
2- The LDV housing should have molded construction and should house all the components of LDV. The design of LDV should be as small as possible and should not restrict the view of the wearer when attached to the facemask.		
3- The LDV should be attached to the facemask in such a way that it should not create any hindrance to the firemen while crawling.		
4- The LDV should have flow not less than 500 liters per minute and should activate at first breath at 20 – 30 mbar.		
<b>I –HOSES:</b>		
1- All the hoses used in the set should be flexible and non-kinking type and should permit the free movement of the head.		
2- The hoses should not restrict or close the supply at any time and shall not collapse.		
3- The hose connected to the lung demand valve from the pressure reducer including the connector should be capable of withstanding twice the operating pressure of pressure reducer safety valve or 30 bar, whichever is higher for a minimum of 15 minutes.		
<b>J -OPERATION AND MAINTANENCE MANUAL:</b>		
The manufacturer should supply operation and maintenance manuals with each BA Set plus two additional sets. All manuals should be in English.		
<b>K-GUARANTEE:</b>		
1- The manufacturer should give the guarantee of minimum 12 calendar months from the date of supply of goods against any manufacturing defects.		
2- The manufacturer should also give guarantee for the supply of spares and service for minimum period of 10 years from the date of supply of goods.		

<b><u>L-AFTER SALES SERVICE</u></b>		
The supplier should have a full fledged after sales service facility in India in accordance to BIS 10245. It should have the following facilities for testing.		
1- Instruments for measuring the air flow capacity, breathing resistance and exhalation resistance.		
2- Instrument for conducting Positive and Negative Pressure Leak tests for mask/lung demand regulator.		
3- Artificial lung simulator for Respirator Performance tests.		
4- Facility for refilling and hydrostatic testing of cylinders duly approved by CCOE, Nagpur.		
<b><u>M-CARRYING CASE -</u></b>		
Carrying case should be supplied along with each set.		
<b><u>N-DISTRESS SIGNAL UNIT-</u></b> Each SCBA set should be provided with a separate D.S.U. in dependently operating on its own , should be small ,lightweight, which can be easily fixed at users waist belt with the help of a clip, developed for the fire service suitable for critical fire fighting and rescue applications . It should have international approvals e.g. N.F.P.A /EN/CN.		
<b><u>O- The complete set must comply EN-137 class ii – 2006 or latest.</u></b>		

#### **SPECIAL TERMS AND CONDITION :-**

1. **Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.**
2. **F.O.R.: Various destinations in U.P.**
- 3.(a) **Capacity of Fabrication of water tender per month must be quoted.**
- 3.(b) **Water Tender Fabrication may be allotted to the L-2 and L-3 Tenders if capacity of L-1 is found Less, at the rate quoted by L-1 with consent of L-2 & L-3 .**
- 4.1 **Inspection:**
  - (a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.
  - (b) After award of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop. All the expenses and cost of the inspection including travel, boarding and lodging etc. will be borne by the supplier. Inspection will be done in three stages:
    - (1) After fabrication of superstructure
    - (2) Before final painting
    - (3) Before delivery.
    - (4) The bidders must have complete testing & trial arrangement regarding fabrication of water Tender with them. If third party inspection is required the expenses will be born by the supplier the bidder must have testing facility e.g. deep lift test , flow test (v-notch )and tilting test, gradian test facility etc.
  - (c) The bidders must describe in technical bid about their past performance for last five years related to fabrication /supply of fire fighting vehicle with documentary proof.
  - (d) **Insurance against Chassis:** All Chassis shall be comprehensively insured (within 07 days from the date of award of contract) by the fabricator/ vender in favor of 'U.P. Fire Service Head Quarter, Lucknow' for full compensation in case of loss by theft and/ or fire or any other way whatsoever for the period after they have been handed over to the fabricator/ vender and till we take possession of these Chassis as water Tender.
  - (E) No drilling welding and cutting of the chassis shall be allowed.

(F) The trial piece shall have to be constructed as per delivery schedule strictly conforming to the specifications and drawing approved by the indenting officer, failing which the advance security money of the firm shall be forfeited.

#### **4.2Supply:-**

**(a)Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 15 days from the date of award of contract, duly pledged to the Spl.Director General of Police, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.

**(b)Delivery period:** Delivery of proto type vehicle shall be made within 30 days from the date of receipt of the supply order and balance latest by 07<sup>th</sup> March,2014.

(c)Fabricated vehicles should be supplied on proportionate basis from the date of receipt of chassis.

**(d)Penalty** of Rs.500/- (five hundred only) per day per body will be charged for any delay in completion of work or handing over the completed body beyond the stipulated period.

**(e) Warranty :** Warranty shall be for a period of 12 months from the date of acceptance of water Tender by competent authority.

**(f) The bidders** shall have to remove all manufacturing/ operational or any other defects/ problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.

**(g)Printed leaflet** and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.

**(h)The decision** of technical committee will be final.

**(i)Delivery period** may be extended on reasonable ground by 'Director General/ Addl. Director General of Fire Service'.

5. The brand names and makes of the following items must be specified in the Tech. offer by the tenderers .

*1- PTO WITH RATIO      2- SIRAN  
4- PUBLIC ADDRESS SYSTEM*

*3- BLUE BLINKERS BAR LIGHT  
5- PAINT TO BE USED.*

**(P. K. RAO )**  
**Dy. Director,Technical(P & O)**  
Fire Service Hqrs., U. P.,  
LUCKNOW





# UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

**TENDER NO –XXII-228-2013(D/M)**

**DATE 26-11-2013**

## **SPECIFICATION OF PORTABLE PUMP (B) (275LPM)- 33Nos.**

	Accepted	Deviation
The Pump shall consist of a Single stage centrifugal pump with diesel engine having capacity of not less than 275 LPM min. at a pressure of 4 Kg f/cm square fitted on tubular steel frame with anti- vibration pad. The complete unit shall be of light weight construction so that it can be easily carried by two men.		
<b>ENGINE:-</b> Single cylinder, air cooled vertical H.S.D, Kirloskar/Greaves/lombardini. Engine not less then 8HP (Industrial Application) having well designed Hand starting device. Engine should be tested as per IS 1001: 1981 and should have BIS certification. Proof of the same is to be submitted in Technical Bid.		
<b>PUMP:-</b> The Pump casing (body), Impeller, Impeller ring, shall be made of good quality alluminium alloy and other material accordingly with Alumimum alloy pump body and hard anodized empeller. The Pump shall be provided with 75 mm suction inlet and 63 mm delivery coupling with caps.		
<b>PRIMER:-</b> 4.5 Meters depth in 45 Seconds.		
<b>WEIGHT:-</b> The total weight of the unit with full Fuel shall not exceed 80 Kgs tank.		
<b>EQUIPMENT:-</b> 1. 75mm suction hose conforming to I.S.: 3549-1983 type 2 or latest in 4.5 meter length with 75 mm . suction hose with coupling as per I.S.:902-1992 or latest.....2 No s.		
2. Suction Wrenches universal conforming to I.S.: 4643-1984 or latest ..... 2 No s.		
3. Suction strainer 75 mm made of leaded tin Bronze conforming to IS:907-1984 or latest.....1 No		
4. Basket strainer for item 2 conforming to I.S.: 3582- 1984 or latest .....1 No.		
5. Suction Adopter 75mm made of leaded tine Bronze.... 1 No.		
6. Tool kit consisting of the following tools :- (1) D.E .wrench set .....One set (2) Spanner adjustable 8” ..... One No. (3) Pliers ..... One No. (4) Screw Driver 6” & 12” .....One each (5) Hammer .....One No. ( All made of Gedore or Taparia company) (6) Spare Carbon seal .....Four No.		
<b>REMARK:</b>		
1. Test and trial at the workshop of manufacturer on their cost and risk.		
2. Guarantee shall be for a period of 12 months. The supplier will remove all manufacturing or other defects detected in the machine equipment during the guarantee period of 12 months within 7 days at his risk and cost at the station where the machine. Equipment is stationed.		
3- The Supplier shall also submit the Gaurantee certificate from Manufacture of Engine.		

## **SPECIAL TERMS AND CONDITION :-**

1. Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid.
2. F.O.R.: destinations in U.P.

### **3.1 Inspection:**

- (a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.
- (b) Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.
- (1) The bidders must have complete testing & trial arrangement regarding supply of portable pump with them. If third party inspection is required the expenses will be born by the supplier the bidder must have testing facility e.g. deep lift test , flow test (v-notch )and tilting test, gradient test facility etc.
- (c) The bidders must describe in technical bid about their past performance for last five years related to supply of portable pump with documentary proof.

### **3.2 Supply:-**

1. **Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 7 days from the date of award of contract, duly pledged to the '**Director/Addl. Director General of Police, Fire Service Headquarters, U.P., Lucknow**' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.
2. **Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014**.
3. **Penalty** of Rs.100/- (one hundred only) per day per equipment will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.
4. **Warranty :** Warranty shall be for a period of 12 months from the date of acceptance of portable pump by competent authority.
5. The bidders shall have to remove all manufacturing/ operational or any other defects/ problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.
6. Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.
7. The decision of technical committee will be final.
8. The trial piece shall have to be constructed as per delivery schedule strictly conforming to the specifications and drawing approved by the indenting officer, failing which the advance security money of the firm shall be forfeited.
9. **Delivery period** may be extended on reasonable ground by 'Director General/Addl. Director General of Fire Service'.

**(P. K. RAO )**  
**Dy. Director, Technical(P & O)**  
Fire Service Hqrs., U. P.,  
LUCKNOW



# UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

**TENDER NO –XXII-FS(T)229-2013**

**DATE 26-11-2013**

**SPECIFICATION OF Rescue set- SPREADER/CUTTER, COMBITOOL /PRIMOVER/  
PNEUMATIC BAGS/TELESCOPIC RAM/HAND PUMP(PETROL OPERATED) etc., -12Set**

	Accepted	Deviations
<b>(A) HYDRAULIC SPREADER</b>		
1- Minimum spreading force 80 kN		
2- Minimum spreading distance 500 mm		
3- Spreader should have well serrated tips for easy grip during spreading and squeezing		
4- Sharp cutting tips with optimal angle		
5- Slim arm and yoke design to facilitate easy penetration in confined spaces, accurate spring return to neutral position. Full protection against overload.		
6- All standard accessories like pulling chains, chain adopter, pigtail hose along with a fully equipped maintenance kit.		
7- The equipment should conform to class CS spreader classification of EN13204: 2004 and appropriate certificates must be enclosed showing the conformity		
<b>(B) HYDRALIC CUTTER</b>		
1- Minimum cutter opening $\geq 200$ mm		
2- Cutting capacity Category A-H of EN 13204		
3- Built in check valves, accurate spring return to neutral position, full protection against overload.		
4- All standard accessories including pigtail hose		
5- Fully equipped maintenance kit along with an spare blade and tool kit to change the blade, torque wrench for central bolt etc.		
6- The equipment should conform to class CC cutter classification of EN13204: 2004 and appropriate certificates must be enclosed showing the conformity		
<b>(C) HYDRAULIC COMBINATION TOOL</b>		
1- Minimum spreading force $> 35$ kN		
2- Minimum spreading distance $> 350$ mm		
3- Cutting capacity Category A-H of EN 13204		
4- Pulling force Minimum 60% of nominal spreading force		
5- Pulling distance Minimum 60% of nominal spreading distance		
6- Jaws should have well serrated tips for easy grip during spreading and squeezing. Jaws shall contact each other parallel and symmetrically when in fully closed position.		
7- Slim arm and yoke design to facilitate easy penetration in confined spaces, accurate spring return to neutral position. Full protection against overload.		
8- All standard accessories like pulling chains, chain adopter, pigtail hose along with a fully equipped maintenance kit with a spare blade and tool kit to change the blade.		
9- The equipment must conform to class CK combination tool classification of EN13204: 2004 and appropriate certificates must be enclosed showing the conformity		

<b>(D)PNEUMATIC JACK SET(Lifting bags type)</b>		Accepted	Deviations
(1)Max. working pressure	8 bar		
(2)Material	Aramid/ Kevlar reinforced nitril rubber		
(3)Design	Non slip design		
(4)Resistance	Resistant to ozone and range of chemicals etc.		
(5) Minimum Lifting capacity	20,000 kg. - one		
(6) Minimum lifting capacity	40,000 kg. - one		
(7)Accessories:			
(a) Air hoses 5 m	2 nos	One set	
(b) Air hoses 10 m	2 nos		
(c) Control box	2 nos		
(d) Pressure reducer	1 nos		
(e) Double control unit	1 nos		
(f) Single control unit	2 nos		
Air cylinder 6 lt. water capacity, 300 bars, CCOE approved steel cylinder			
(8) Standard	Conforming to relevant EN standards		
<b>(E) TELESCOPIC RAM JACK</b>			
1- Spreading force plunger 1	Minimum 180 kN		
2- Stroke of plunger 1	Minimum 300 mm		
3- Spreading force plunger 2	Minimum 80 kN		
4- Stroke of plunger 2	Minimum 300 mm		
5- A rotating cross head for easy positioning and perfect grip in every position, accurate spring return to neutral position, full protection against overload.			
6- All standard accessories like pigtail hose along with a fully equipped maintenance kit.			
7- The equipment must conform to prEN13204: 2004 and appropriate certificates must be enclosed showing the conformity.			
<b>(F) PETROL OPERATED HYDRAULIC PUMP (PRIMOVER)</b>			
1- Working pressure should be compatible with the pressure requirements of the above stated tools.			
2- No. of tools operating simultaneously	2 tools		
3- Maximum weight	50 kg		
4- High pressure hydraulic hoses compatible to all the above stated tools, 15 meter long with anti kink springs on both ends and quick couplers.			
5- The equipment must conform to MTO classification of EN13204: 2004 and appropriate certificates must be enclosed showing the conformity			

**Notes:**

- All hydraulic systems should comply with safety requirement specified in EN 982 or equivalent.
- Opening and closing time of any hydraulic tool should not be less than 2 seconds.
- Hydraulic fluid used should be non toxic and non allergic and the flash point of the fluid should not be less than 90°C.
- Couplings for pressure and return connections should not be interchangeable.

**SPECIAL TERMS AND CONDITION:-**

- Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
- F.O.R.: Various destinations in U.P.

### 3.1 Inspection:

(a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.

(b) Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.

© The bidders must describe in technical bid about their past performance for last five years related to supply of Rescue set with documentary proof.

### 3.2 Supply:-

**1. Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 07 days from the date of award of contract, duly pledged to the 'Addl. Director General of Police, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.

**2. Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014**.

**3. Penalty** of Rs.500/- (Five hundred only) per day per Rescue set will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.

**4. Warranty :** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.

5. The bidders shall have to remove all manufacturing/ operational or any other defects/ problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.

6. Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.

7. The decision of technical committee will be final.

**8. Delivery period** may be extended on reasonable ground by 'Director General./Addl. Director General of Fire Service .

9. The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /Europion etc., mentioned in the tender document.

(P. K. RAO )  
**Dy. Director, Technical(P & O)**  
Fire Service Hqrs., U. P.,  
**LUCKNOW**

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# UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

**TENDER NO -XXII-FS(T)-230-2013**

**DATE: 26-11-2013**

## Specification of THERMAL IMAGING CAMERA - 08 Nos.

Specification		Accepted	Deviation
1. The camera shall be portable and light weight with single hand operation.			
2.The camera shall be provided with temperature measuring features directly from the detector (preferably in numerical).			
3.The camera shall have LCD display, suitable to view Simultaneously by multiple viewers.			
4.The camera shall have attachment for folder straps.			
5.Camera shall have angle display for ease in operation.			
6.Camera shall be powered by suitable rechargeable battery with provision to replace the battery with ease and even in darkness.			
7.The camera shall have on screen display of various features etc.			
8.The Camera detector shall be fitted with un-cooled micro bolometer with sensing material of high resolution and of latest focal plane array technology.			
9..The camera shall provide clear images even in humid and high temperatures, with nominal dynamic range.			
10.The camera shall display clear stable image with an up date range of 30-50 Hz.			
11. The camera shall have min. 3 color palette with high temp. colorization.			
12.The battery use for the camera shall be rechargeable type & will be of Nickel Metal Hydride (NiMH), Lithium ion battery.			
13.The minimum run time of the camera shall not be less than 2 hrs.			
14.The camera shall be supplied with one extra battery and battery charger as a standard equipment.			
15.The camera shall have provision for external connector for viewing and recording on external devices.			
16. The camera shall be made from high impact, heat resistant material with replaceable germanium window to protect the lens.			
17. The camera shall be provided with scratch resistant with replaceable type ploy carbonate cover to protect LCD.			
18. The camera shall meet MIL-STD-810-E standard for high temperature and shall also meet all other safety norms applicable to Thermal Imaging Camera's.			
19. The sealing of the camera shall be IP – 67.			
20. The camera shall be designed to use under water up to minimum 1m depth.			
21. The camera shall comply the following technical parameters.			
Detector Technology	Un-cooled Micro Bolo meter		
Resolution	160x120 focal plane array or better		
Sensing material	Vanadium Oxide or Amorphous silicon		
Spectral response	8 – 14 microns		
Temp. Sensitivity	0.08° C or better		
Up date rate	30-50 Hz		
Dynamic range	-50° C to550° C		
Enclosure	Radial high Temp. plastic or Equivalent		

Lens	Germanium		
Focus	3ft - infinity		
Field of view	Min. 50° C		
Display type	Liquid crystal display(LCD)		
Display Size	Min. 3.5'' diagonal		
Display Method	TFT active matrix		
Display back light	CCFT/florescent		
Power source	Rechargeable battery – NiMH or Lithium ion		
Out put	Min. 6 volt		
Operating time	Min. 2 hrs.		
Battery Charger	230 Volt AC with suitable plug and Socket		
Battery Charging time	Not more than 3 to 4 hrs.		
Video out	PAL / NTSC		
Transmitter mounting	Inside camera		
Transmitter power supply	From camera battery		
Signal type	An long / Digital		
Antenna type	Dipole		
Temp. measurement	Directly through lens		
Scale	Degree Celsius		
Range	0° C-600 ° C		
Additional Requirement	Colorized Surface Temp Indicator		
External shock absorption system	Silicon or Neoprene rubber buffers		
Display cover	Scratch resistant Poly carbonate		
Sealing material	Silicon or Neoprene rubber material		
Shoulder Strap	KEVLAR		
Weight	Not more than 2Kg		
Impact/drop	Min 6 consecutive drop from 1 m height and their will not be any damage to camera		
Water and dust immunity	IP 67- submersion in water up to 1 m for 30 minutes		
Sealing	To modular Components		
EM compliance	FCC Part 15 compliance with CE marked		
Heat Resistance	Tested 340° C for 2minutes.		
Vibration/Altitude	As per MIL – STD - 810 E		
Cold temp. Storage	- 40° C for 24hrs.		
High temp. Storage	+ 71° C for 24hrs.		
Carrying case	Suitable for camera with Polyethylene or Polyurethane foam insert and will be stand 26 drops from 1.21 m and will not cause any damage to camera.		
22.The camera shall be brand new and or reputed make such as Bullard, ISG,MSA, FIREFLIR, Drager etc.			
23. The camera shall comply all the operating requirement and safety features stipulated under EN standards or any other standards applicable to these equipments.			
24. The supplier shall arrange to train minimum 25 personnel of this department in the care, maintenance and use of the camera unit.			
25.Operational and maintenance manual shall be supplied.			

#### **SPECIAL TERMS AND CONDITION:-**

1. Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.

2. F.O.R.: Various destinations in U.P.

### **3.2 Inspection:**

(a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.

(b) After award of the contract, inspection may be done by Fire Service Head Quarter Lucknow at supplier's workshop. All the expenses and cost of the inspection including travel, boarding and lodging etc. will be borne by the supplier.

(1) The bidders must have complete testing & trial arrangement regarding supply of items. If third party inspection is required the expenses will be born by the supplier the bidder must have testing facility .

(c) The bidders must describe in technical bid about their past performance for last five years related to supply of item with documentary proof.

### **3.2 Supply:-**

**1. Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 7 days from the date of award of contract, duly pledged to the 'Addl. Director General of Police, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.

**2. Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014**.

**3. Penalty** of Rs.500/- (five hundred only) per day per items will be charged for any delay in completion of work or handing over the completed items beyond the stipulated period.

**4. Warranty :** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.

**5.** The bidders shall have to remove all manufacturing/ operational or any other defects/ problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.

**6.** Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.

**7.** The decision of technical committee will be final.

**8.** The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /European etc., mentioned in the tender document

**4. Delivery period** may be extended on reasonable ground by 'Director General, /Addl. Director General of Fire Service .

**(P. K. RAO )**  
**Dy. Director, Technical (P & O)**  
Fire Service Hqrs., U. P.,  
**LUCKNOW**

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## UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

**TENDER NO -XXII-FS(T)-231-2013**

**DATE: 26-11-2013**

**Specification of ROPE LAUNCHER (DESCENDER/ASCENDER ) WITH ACCESSORIES - 03 Set**

	Accepted	Deviation
ROPE LAUNCHER IS DESIGNED TO ENABLE THE USER TO SHOOT A GRAPNEL WITH ROPE OR A CARBON FIBER LADDER TO A DISTANCE UP TO <b>250 FEETS</b> .		
<b>ASCENDER /DESCENDER</b>		
BATTERY OPERATED LIGHT WEIGHT PERSONNEL DEVICE ENABLE THE USER TO CLIMB HEIGHT OR LOWER LOADS. IT HAS BATTERY OPERATED MOTOR, WHICH IS ATTACHED TO THE CLIMBING ROPE AND LOAD. THE MACHINE ENABLES SMOOTH VERTICAL AND HORIZONTAL MOVEMENT AND CAN BE CONTROLLED MANNUALLY OR <b>REMOTELY</b> .		
Technical Specification		
1- WEIGHT NOT MORE THAN 16KG.		
2- MULTI SHOT CAPACITY CAN FIRE MULTIPLE ROUNDS FROM SINGLE CYLINDER.		
3- VARIABLE FIRING PRESSURE TO DEPLOY PROJECTILIES AT THE DIFFERENT <b>ELEVATIONS</b> / DISTANCE .		
4- IT CAN BE OPERATED FROM SOLDERS AND GROUND ALSO.		
5- RE-CHARGING CAN BE DONE WITH HELP OF BREATHING AIR CYLINDERS CCOE APPROVED.		

### **SPECIAL TERMS AND CONDITION:-**

- Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
- F.O.R.: Various destinations in U.P.

#### **3.1 Inspection:**

- A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.
  - Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.
- © The bidders must describe in technical bid about their past performance for last five years related to supply of **ROPE LAUNCHER** with documentary proof.

#### **3.2 Supply:-**

- Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 07 days from the date of award of contract, duly pledged to the '**Addl. Director General of Police**, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be

rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.

**2. Delivery period:** Delivery of equipment shall be latest by 07<sup>th</sup> March, 2014

**3. Penalty** of Rs.100/- (one hundred only) per day per equipment will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.

**4. Warranty:** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.

5. The bidders shall have to remove all manufacturing/ operational or any other defects/problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.

6. Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.

7. The decision of technical committee will be final.

8. The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /Europion etc., mentioned in the tender document.

**4. Delivery period** may be extended on reasonable ground by 'Director General,/Addl. Director General of Fire Service .

**(P. K. RAO )**  
**Dy. Director, Technical(P & O)**  
Fire Service Hqrs., U. P.,  
**LUCKNOW**



## UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

**TENDER NO: XXII-FS(T)-232-2013**

**DATE : 26-11-2013**

### SPECIFICATION OF DRAGON TORCH

( Hand held Rechargeable Search light Torch) - 151 Nos.

Specification	Accept	Deviation
<b>1</b> Hand held Rechargeable Search light Torch for SAR use. High bright candle power with following Features:..		
A. Beam of light reaches not less than 300m in Clear weather		
B. Halogen lamp of 50/55 watts.		
C. Continuous operating time of minnum75minutes on full glow.		
D. Light works on maintenance free 12 Volts 7AH rechargeable Battery		
E. Inbuilt battery charger. No Need to carry extra charger. Just plug and charge. Can charge on AC Voltage 230VAC+/- 15%		
F. Light weight with shoulder strap and pad for easy portability.		
G. Not More than 4.5 Kg.		
H. Work as an emergency light in case of Mains failure.		
I. High quality parabolic reflector which gives a highly focused beam.		
K. Battery status indication battery is cutoff when it is weak.		

### **SPECIAL TERMS AND CONDITION:-**

1. Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
2. F.O.R.: destinations in U.P.

#### **3.1 Inspection:**

- (a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.
  - (b) Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.
- © The bidders must describe in technical bid about their past performance for last five years related to supply of Dragon Torch with documentary proof.

#### **3.2 Supply:-**

- 1. Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 07 days from the date of award of contract, duly pledged to the '**Addl. Director General of Police**, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.
- 2. Delivery period:** Delivery of equipment shall be latest by 07<sup>th</sup> March, 2014.

**3. Penalty** of Rs.100/- (one hundred only)per day per equipment will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.

**4. Warranty:** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.

5.The bidders shall have to remove all manufacturing/ operational or any other defects/ problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.

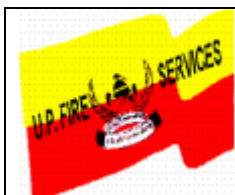
6. Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.

7. The decision of technical committee will be final.

8.The onus of liability lies on the bidder to attatch an updated copy of any standard like BIS /Europion etc., mentioned in the tender document

**4. Delivery period** may be extended on reasonable ground by ‘Director General,/Addl. Director\_General of Fire Service

**(P. K. RAO )**  
**Dy. Director,Technical(P & O)**  
Fire Service Hqrs., U. P.,  
**LUCKNOW**



## UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

**TENDER NO: XXII-FS(T)-233-2013**

**DATE : 26-11-2013**

### **Confined Space Entry Kit – 40 Set.**

**(01 No. Retractable Fall Arrester Block/ 01No.Winch/ 01 No. Tripod & 04 Nos. Full Body Harness. Kit includes Tripod, Full Body Harness, retractable Fall arrester Block, winch(Evacuation Triangle & Ranabiven ) and bag of following Specification**

	Specification	Accept	Deviation
1. Tripod	Adjustable height approx. 1.90 m to 2.90m from ground level.		
	Adjustment achieved by sliding legs.		
	Maximum dia when fully opened is not less than 1.8mtr.		
	A pulley system provided for steel cable guiding in case a which is used in the system.		
	Conforming to EN 795:1997(Class B)		
2. Winch	Material or man lifting rescue winch.		
	Mounting plate having system to mounting to Tripod leg or other support as required.		
	Galvanized steel cable of Dia. 5.0mm & length not less than 20m.		
	Handle rotating mechanism for lifting or lowering.		
	Conforming to EN 1496:1996		
3. Full Body Harness with work position Belt and sit Harness	One dorsal attachment D-ring for fall arrest.		
	One front attachment D-ring at chest for fall arrest.		
	Two lateral D-Ring at waist for position		
	One front D-ring at waist level for rope access.		
	Adjustable shoulder and leg straps.		
	Adjustable waist belt.		
	Comfort pads on leg straps for extra comfort.		
	Testing as per EN 361:2002,EN 358:1999, EN813:1997		
4. Retractable Fall Arrest Block	Robust and Durable Casing made from Aluminium Alloy Wire rope dia 4.5mm , lenth-20m, Weigh Should not more than 7.0 kg		
	Has a Swivel Anchorage eye at one end and a Swivel Steel Snap Hook at the retractable end, Provided with load Indicatur		
	Conforming to EN 360:2002		
5. Evacuation: Triangle:	To be used for rescue of injured personnel.		
	Should contain 3D ring as attachment Element.		
6. Steel Triple Action Locking Karabiner	Material: Alloy Steel Gate opening: 23mm Minimum Breaking strength:23KN Net weight:240gm minimum Confirming EN 3622-2004 cleam B		
7. Bag	All attachment shall be stored in the Carrying Case.		

### **SPECIAL TERMS AND CONDITION:-**

1. Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
2. F.O.R.: destinations in U.P.

### 3.1 Inspection:

- (a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.
- (b) Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.
- © The bidders must describe in technical bid about their past performance for last five years related to supply of EQUIPMENT with documentary proof.

### 3.2 Supply:-

1. **Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 07 days from the date of award of contract, duly pledged to the '**Addl. Director General of Police**, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.
  2. **Delivery period:** Delivery of equipment shall be latest by 07<sup>th</sup> March, 2014.
  3. **Penalty** of Rs.100/- (one hundred only) per day per equipment will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.
  4. **Warranty:** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.
  5. The bidders shall have to remove all manufacturing/ operational or any other defects/ problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.
  6. Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.
  7. The decision of technical committee will be final.
  8. The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /European etc., mentioned in the tender document
4. **Delivery period** may be extended on reasonable ground by 'Director General,/Addl. Director General of Fire Service

(P. K. RAO )  
Dy. Director, Technical(P & O)  
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LUCKNOW

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## UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

**TENDER NO: XXII-FS(T)-234-2013**

**DATE : 26-11-2013**

### **Specification of Fire Fighter Gum Boots 294 Pairs**

Specification		Accept	Deviation
COLOR:-	Black/Yellow		
Size Range:-	6-10		
Type of construction:-	vulcanized rubber upper and sole VSM/NJV or equivalent pattern.		
Last/Sole pattern:-	European Standard CE Approved- EN 15090; 2006 (F2 IS HI3 P T CI)		
Compliance:-	EN ISO 20345:2004(SB P E CI SRA)F2= Type 2 footwear for fire fighters suitable for rescue, suppression, property conservation & etc. SB= Standard Basic Protection as per EN ISO 20345/ MS 1599 IS= High electrical resistance outsole HI3= Heat insulation Level 3 CI= Cold insulation SRA= Slip resistance on ceramic tile with sodium lauryl sulphate. E= Heal Energy Absorption P= penetration Resistance T= Toe Protection HRO= Resistance to Hot Contact		
	CSA JET 195 02/ASTN F 2413 05 Grade 1 Toe Protection Penetration Resistance > 18 KV Electric Shock Resistance( ESR) Protection.		
Lining Material	Extra Comfort with woven cotton canvas		
Upper Construction	Flame Retardant upper with heat insulation Reinforced rubber Waterproof High visibility with Black & Yellow contrast		
Sole / Heel	Flame retardant rubber outsole Fuel oil resistant sole suitable for inimical environment Slip resistant vulcanized rubber sole Excellent abrasion resistant for extra durability Withstand 18kV of life current at dry condition Heel energy absorption design to minimize heel impact Catered to enter high temperature Cold insulation sole construction		
Steel mid sole	Non-corrosive stainless steel Withstands pin & sharp objects		
Steel Toe Cap	Non-corrosive coating treatment Meets EN ISO 20345 impact and compression tests Reliable protection in cold & hot environments		
Chemical Resistant	Sole & Upper- Resistant towards mild acids and alkaline		
Finishing	Hypalon lacquer coating for weather protection		

## **SPECIAL TERMS AND CONDITION:-**

1. Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
2. F.O.R.: Various destinations in U.P.

### **3.1 Inspection:**

- (a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.
- (b) After award of the contract, inspection may be done by FSHQ Lucknow at supplier's workshop. All the expenses and cost of the inspection including travel, boarding and lodging etc. will be borne by the supplier.
  - (1) The bidders must have complete testing & trial arrangement regarding supply of items. If third party inspection is required the expenses will be born by the supplier the bidder must have testing facility.
- (c) The bidders must describe in technical bid about their past performance for last five years related to supply of item with documentary proof.

### **3.2 Supply:-**

- 1. Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 3 days from the date of award of contract, duly pledged to the “**Addl. Director General of Police**, Fire Service Headquarters, U.P., Lucknow’ failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.
- 2. Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014**.
- 3. Penalty** of Rs.100/- (one hundred only) per day per equipment will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.
- 4. Warranty :** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.
- 5.** The bidders shall have to remove all manufacturing/ operational or any other defects/ problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.
- 6.** Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.
- 7.** The decision of technical committee will be final.
- 8.** Sample of the items must be supplied with technical offer.
- 9. Delivery period** may be extended on reasonable ground by ‘Director General,/Addl. Director General of Fire Service .
- 10.** The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /Europion etc., mentioned in the tender document.

**(P. K. RAO )**  
**Dy. Director, Technical(P & O)**  
Fire Service Hqrs., U. P.,  
**LUCKNOW**





# UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

**TENDER NO: XXII-FS(T)-235-2013**

**DATE : 26-11-2013**

## **SPECIFICATION FOR SMOKE EXHAUSTER WITH ACCESSORIES FOR THE USE OF FIRE BRIGADE- 40 Nos .**

Specification	Accept	Deviation
<b><u>PETROL ENGINE DRIVEN :</u></b>		
1.1 The Smoke Extractor(Positive pressure ventilator) should be Compact in dimensions, measuring maximum 22"height x22" width x20" depth (approx) for easy placement in fire tender's compartment.		
1.2 The Smoke Extractor(Positive pressure ventilator) Unit should be lightweight and shall be 55 Kgs + 5 kg		
1.3 The Smoke Extractor(Positive pressure ventilator) should have minimum air output of (9000 CFM) for effective extraction of smoke.		
1.4 The Fan size shall be approx. 16" dia. ( 40 cm ) size with blades for generating strong air force.		
1.5 The Extractor(Positive pressure ventilator) should be capable of operating with Single cylinder, air cooled, petrol engine of/ not less than 4 H.P.		
1.6 The housing of the Smoke Extractor(Positive pressure ventilator) should be rugged in construction made from heat resistive, non rusting , corrosion and chemical resistant material.		
<b><u>DUCT :</u></b>		
2.1 The Smoke Extractor (Positive pressure ventilator) Set should be supplied complete with two sections of flexible, water- resistant, non static duct of diameter 16" and length 25 feet each The duct should have suitable carbon filled treatment for conducting static charges to the ground thereby making it suitable for use even in hazardous locations.		
2.2 Each duct should be supplied complete with customized Carry Bag, capable of housing the duct.		
2.3 The Duct should be capable of fitting on one side of ventilator, depending upon PPV applications. One no. of stainless steel duct couplers to be provided so as to facilitate simultaneous fitting of ducts on side of the Ventilator.		
2.4 Duct Coupler is also required to be provided so as to adjoin the two section of 25 feet ducts for specific applications.		
<b><u>COOLING COLLAR :</u></b>		
3.1 Cooling Collar of size 16" to be supplied with each Set, suitable for deployment- fitting on the duct adapter and capable of delivering Mist into airflow thereby facilitating cooling and rehabilitation applications.		
3.2 Cooling Collar should have suitable water inlet provision so that the garden water hose can be fitted on it promptly.		
3.3 Suitable garden hose of minimum 50 mtrs length with one end adaptor shall be supplied with smoke extractor(Positive pressure ventilator). The one end of hose should have adaptor suitable to delivery outlet of fire engine		
<b><u>INSPECTION AND TESTING</u></b>		
All the Smoke Extractor(Positive pressure ventilator)Sets will be inspected and tested at manufacturer's site by two officials of U.P. Fire Service prior to delivery. The expenditure on account of inspection such as traveling and accommodation shall be born by supplier. Training regarding PPA/PPV working and applications will be provided by the manufacturer on the same site.		

<b><u>TRAINING</u></b>		
The manufacturer's representative shall impart the training to the fire brigade personnel or minimum two days at various fire stations regarding operation, handling, use and maintenance of Portable Smoke Extractor (Positive pressure ventilator).		
<b><u>OPERATIONS AND MAINTENANCE MANUAL</u></b>		
The manufacturer of the portable Smoke Extractor (Positive pressure ventilator) sets shall supply a set of operation and maintenance manual with each set in English language.		
<b><u>WARRANTY</u></b>		
The manufacturer shall give warranty of minimum 24 calendar months from the date of supply of Smoke Extractor (Positive pressure ventilator) Sets to fire brigade against any manufacturing defects.		
The manufacturer shall also give the guarantee for the supply of spares and service for a minimum period of 10 years from the date of supply of exhauster (Positive pressure ventilator).		

**SPECIAL TERMS AND CONDITION:-**

1. Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.

2. F.O.R.: Various destinations in U.P.

**3.1 Inspection:**

(a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.

(b) After award of the contract, inspection will be done by FSHQ, Lucknow at supplier's workshop.

(c) The bidders must describe in technical bid about their past performance for last five years related to supply of **Smoke Exhauster (With I.C. Engine)** with documentary proof.

**3.2 Supply:-**

**1. Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 7 days from the date of award of contract, duly pledged to the 'Addl. **Director General of Police**, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.

**2. Delivery period:** Delivery of equipment shall be latest by 07<sup>th</sup> March, 2014..

**10. Penalty** of Rs.100/- (one hundred only) per day per equipment will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.

**11. Warranty:** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.

**12.** The bidders shall have to remove all manufacturing/ operational or any other defects/problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.

**13.** Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.

**14.** The decision of technical committee will be final.

**15. Delivery period** may be extended on reasonable ground by 'Director General,/Addl. Director General of Fire Service.

9. The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /Europion etc., mentioned in the tender document.

(P. K. RAO )  
**Dy. Director, Technical (P & O)**  
 Fire Service Hqrs., U. P.,  
**LUCKNOW**



## UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

**TENDER NO:XXII-FS(T)-236-2013**

**DATE 26-11-2013**

### **SPECIFICATION OF FOAM GENERATOR - 30 Nos.**

Specification			Accept	Deviation
AAAG HX mini s make - HI-EX (MINI); IFP-HX-100W (Water turbine Driver) make or Equivalent or better high expansion Foam Generator with following features				
Expansion Ratio		1:250 to 1:360		
Inlet Water Pressure (Bar)		5 to 10		
Mesh Made of		Stainless Steel		
Weight		18 Kg (Maximum)		
Smoke Extraction application		Yes		
Inlet Pressure	7bar	Volume of Smoke Extracted not less than 98 m <sup>3</sup> /Min.		
Water Flow	245 LPM			
With all Accessories		1 Set		

### **SPECIAL TERMS AND CONDITION:-**

1. Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
2. F.O.R.: Various destinations in U.P.

#### **3.1 Inspection:**

- (a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.
  - (b) Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.
- © The bidders must describe in technical bid about their past performance for last five years related to supply of FOAM GENERATOR with documentary proof.

#### **3.2 Supply:-**

1. **Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 07 days from the date of award of contract, duly pledged to the 'Addl. Director General of Police, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.
2. **Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014**.
3. **Penalty** of Rs.100/- (one hundred only) per day per equipment will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.
4. **Warranty:** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.
5. The bidders shall have to remove all manufacturing/00 operational or any other defects/ problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.
6. Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.
7. The decision of technical committee will be final.
8. **Delivery period** may be extended on reasonable ground by 'Director General,/Addl. Director General of Fire Service.
9. The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /Europion etc., mentioned in the tender document.

**(P. K. RAO )**  
**Dy. Director, Technical(P & O)**  
Fire Service Hqrs., U. P.,  
**LUCKNOW**



## UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN  
, ASHOK MARG, LUCKNOW

TENDER NO:XXII-FS(T)-237-2013

DATE 26-11-2013

### SPECIFICATION OF EXTENSION LADDER HEIGHT 10.5 Meter - 50 Nos.

Specification	Accept	Deviation
10.5 Meter ALUMINUM EXTENSION LADDER TRUSSED TYPE CN/EN Marked		

#### **SPECIAL TERMS AND CONDITION:-**

1. Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
2. F.O.R.: Various destinations in U.P.

#### **3.2 Inspection:**

(a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.

(b) Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.

© The bidders must describe in technical bid about their past performance for last five years related to supply of **Extension Ladder Height 35ft** with documentary proof.

#### **3.2 Supply:-**

**1. Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 07 days from the date of award of contract, duly pledged to the 'Addl. Director General of Police, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.

**2. Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014**.

**3. Penalty** of Rs.100/- (one hundred only) per day per equipment will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.

**4. Warranty :** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.

5. The bidders shall have to remove all manufacturing/ operational or any other defects/problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.

6. Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.

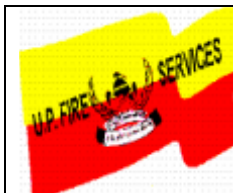
7. The decision of technical committee will be final.

**8. Delivery period** may be extended on reasonable ground by 'Director General,/Addl. Director General of Fire Service .

9. The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /Europion etc., mentioned in the tender document.

(P. K. RAO )  
**Dy. Director, Technical (P & O)**  
Fire Service Hqrs., U. P.,  
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## UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

**TENDER NO:XXII-FS(T)-238-2013**

**DATE 26-11-2013**

Manila Rope 20 mm Diameter grade -1 - 5000 Kg.

### Specification of Manila Rope

Specification	Accept	Deviation
Manila Rope 20 mm Diameter grade -1 I.S. No. 1084-2005 (ISI Marked)		

### **SPECIAL TERMS AND CONDITION:-**

1. Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
2. F.O.R.: Various destinations in U.P.

#### **3 Inspection:**

(a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.

(b) After award of the contract, inspection may be done by Fire Service Head Quarter Lucknow at supplier's workshop. All the expenses and cost of the inspection including travel, boarding and lodging etc. will be borne by the supplier.

(1) The bidders must have complete testing & trial arrangement regarding supply of items with them. If third party inspection is required the expenses will be born by the supplier the bidder must have testing facility.

(c) The bidders must describe in technical bid about their past performance for last five years related to supply of item with documentary proof.

#### **4. Supply:-**

**1. Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 7 days from the date of award of contract, duly pledged to the 'Addl. Director General of Police, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.

**2. Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014.**

**3. Penalty** of Rs.100/- (one hundred only) per day per item will be charged for any delay in completion of work or handing over the completed item beyond the stipulated period.

**4. Warranty:** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.

5 The bidders shall have to remove all manufacturing/operational or any other defects/ problems detected in the item during the 12 months warranty period within 07 days at their risk and cost, at the station where the item is stationed.

6 Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.

7 The decision of technical committee will be final.

8 A sample piece shall be supplied with technical offer.

**9 Delivery period** may be extended on reasonable ground by 'Director General,/Addl. Director General of Fire Service .

**(P. K. RAO )**  
**Dy. Director, Technical(P & O)**  
Fire Service Hqrs., U. P.,  
**LUCKNOW**

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## UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

TENDER NO -XXII-FS(T)-239-2013

DATE 26-11-2013

### Specification of couplings 4'' - 37 Pairs

Specification	Accept	Deviations
100 mm suction hose couplings (IS:902 -1992)		

### **SPECIAL TERMS AND CONDITION:-**

1. Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of Financial bid. Validity of bid can be extended with mutual consent.
2. F.O.R.: Various destinations in U.P.

#### **3 Inspection:**

- (a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.
- (b) After award of the contract, inspection may be done by Fire Service Head Quarter Lucknow at supplier's workshop. All the expenses and cost of the inspection including travel, boarding and lodging etc. will be borne by the supplier.
- (1) The bidders must have complete testing & trial arrangement regarding supply of items with them. If third party inspection is required the expenses will be born by the supplier the bidder must have testing facility.
- (c) The bidders must describe in technical bid about their past performance for last five years related to supply of item with documentary proof.

#### **4. Supply:-**

1. **Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 7 days from the date of award of contract, duly pledged to the 'Addl. Director General of Police, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.
2. **Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014.**
3. **Penalty** of Rs.100/- (one hundred only) per day per item will be charged for any delay in completion of work or handing over the completed item beyond the stipulated period.
4. **Warranty:** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.
- 5 The bidders shall have to remove all manufacturing/ operational or any other defects/ problems detected in the item during the 12 months warranty period within 07 days at their risk and cost, at the station where the item is stationed.
- 6 Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.
- 7 The decision of technical committee will be final.
- 8 A sample piece shall be supplied with technical offer.
- 9 **Delivery period** may be extended on reasonable ground by 'Director General,/Addl. Director General of Fire Service .

**(P. K. RAO)**  
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Fire Service Hqrs., U. P.,  
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## UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

TENDER NO -XXII-FS(T)-240-2013

DATE 26-11-2013

Specification of **HYDRAULIC TOOLS (HYDRAULIC SPREADER, CUTTER, COMBITOOL, RAMJACK AND HYDRAULIC PUMP) etc.,- 04 Set.**

Specification	Accepted	Deviations
<b>(A) HYDRAULIC SPREADER</b>		
1- Minimum spreading force 80 kN		
2- Minimum spreading distance 500 mm		
3- Spreader should have well serrated tips for easy grip during spreading and squeezing		
4- Sharp cutting tips with optimal angle		
5- Slim arm and yoke design to facilitate easy penetration in confined spaces, accurate spring return to neutral position. Full protection against overload.		
6- All standard accessories like pulling chains, chain adopter, pigtail hose along with a fully equipped maintenance kit.		
7- The equipment should conform to class CS spreader classification of EN13204: 2004 and appropriate certificates must be enclosed showing the conformity		
<b>(B) HYDRALIC CUTTER</b>		
1- Minimum cutter opening $\geq 200$ mm		
2- Cutting capacity Category A-H of EN 13204		
3- Built in check valves, accurate spring return to neutral position, full protection against overload.		
4- All standard accessories including pigtail hose		
5- Fully equipped maintenance kit along with an spare blade and tool kit to change the blade, torque wrench for central bolt etc.		
6- The equipment should conform to class CC cutter classification of EN13204: 2004 and appropriate certificates must be enclosed showing the conformity		
<b>(C) HYDRAULIC COMBINATION TOOL</b>		
1- Minimum spreading force $> 35$ kN		
2- Minimum spreading distance $> 350$ mm		
3- Cutting capacity Category A-H of EN 13204		
4- Pulling force Minimum 60% of nominal spreading force		
5- Pulling distance Minimum 60% of nominal spreading distance		
6- Jaws should have well serrated tips for easy grip during spreading and squeezing. Jaws shall contact each other parallel and symmetrically when in fully closed position.		
7- Slim arm and yoke design to facilitate easy penetration in confined spaces, accurate spring return to neutral position. Full protection against		

overload.		
8- All standard accessories like pulling chains, chain adopter, pigtail hose along with a fully equipped maintenance kit with a spare blade and tool kit to change the blade.		
9- The equipment must conform to class CK combination tool classification of EN13204: 2004 and appropriate certificates must be enclosed showing the conformity		
<b>(D) TELESCOPIC RAM JACK</b>		
1- Spreading force plunger 1                      Minimum 180 kN		
2- Stroke of plunger 1                              Minimum 300 mm		
3- Spreading force plunger 2                      Minimum 80 kN		
4- Stroke of plunger 2                              Minimum 300 mm		
5- A rotating cross head for easy positioning and perfect grip in every position, accurate spring return to neutral position, full protection against overload.		
6- All standard accessories like pigtail hose along with a fully equipped maintenance kit.		
7- The equipment must conform to prEN13204: 2004 and appropriate certificates must be enclosed showing the conformity.		
<b>(E) PETROL OPERATED HYDRAULIC PUMP (PRIMOVER)</b>		
1- Working pressure should be compatible with the pressure requirements of the above stated tools.		
2- No. of tools operating simultaneously              2 tools		
3- Maximum weight                                      50 kg		
4- High pressure hydraulic hoses compatible to all the above stated tools, 15 meter long with anti kink springs on both ends and quick couplers.		
5- The equipment must conform to MTO classification of EN13204: 2004 and appropriate certificates must be enclosed showing the conformity		

Notes:

- All hydraulic systems should comply with safety requirement specified in EN 982 or equivalent.
- Opening and closing time of any hydraulic tool should not be less than 2 seconds.
- Hydraulic fluid used should be non toxic and non allergic and the flash point of the fluid should not be less than 90°C.
- Couplings for pressure and return connections should not be interchangeable.

### **SPECIAL TERMS AND CONDITION:-**

- Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
- F.O.R.: Various destinations in U.P.

### **3.3 Inspection:**

(a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.

(b) Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.

© The bidders must describe in technical bid about their past performance for last five years related to supply of **HYDRAULIC TOOLS** with documentary proof.

### **3.2 Supply:-**

**1. Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 07 days



from the date of award of contract, duly pledged to the ‘Addl. Director General of Police, Fire Service Headquarters, U.P., Lucknow’ failing which their tender will be rejected and

contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.

**2. Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014**.

**3. Penalty** of Rs.500/- (Five hundred only) per day per **HYDRAULIC TOOLS** will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.

**4. Warranty :** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.

5. The bidders shall have to remove all manufacturing/ operational or any other defects/problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.

6. Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.

7. The decision of technical committee will be final.

**8. Delivery period** may be extended on reasonable ground by ‘Director General./Addl. Director General of Fire Service .

9. The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /Europion etc., mentioned in the tender document.

**(P. K. RAO )**  
**Dy. Director, Technical (P & O)**  
Fire Service Hqrs., U. P.,  
**LUCKNOW**

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## UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

TENDER NO -XXII-FS(T)-241-2013

DATE 26-11-2013

### ***SPECIFICATION OF SEARCH CAM VICTIM LOCATION UNIT-04 Nos. (WITH BREACHING SYSTEM)***

TECHNICAL SPECIFICATIONS		Accept	Deviation
It will be multi-purpose system used to locate victims trapped under debris of structural collapse like earthquakes or under water/bore well search using cable. It will have features like Color Video and two-way Audio search features (for surface search): Telescopic Probe for enhanced search operations: Camera Head waterproof to 50m depth: Pistol Style Control Grip: Remote Controlled Two-way Articulation: Integrated light weight probe design: Detachable 7" flat screen video display: Variable Intensity LED illumination: Rechargeable 2 hour battery set (NiMh batteries) with charger and one spare battery set: Modular design enabling system to be used with probe or cable as desired. Complete kit packed in a water and dust tight case with weight less than 20 kgs and length less than 1m.			
VIDEO			
CAMERA	Colour, 1/4" CCD, 5 LUX, 380 Lines, Auto White Balance		
ILLUMINATION	The camer head should have a set of 12 High intensity LED bulbs		
DISPLAY MONITOR	Detachabe 7" Flat screen, LCD, active matrix. Monitor		
AUDIO (For Surface Search)			
SEARCH MICROPHONE	High sensitivity with variable gain amplifier		
SEARCH SPEAKER	Simplex System, speaker element in camera housing		
OPERATOR HEADSET	Noise attenuating, boom microphone, under helmet style		
DIMENSIONS			
SYSTEM LENGTH	Telescopic probe from 145~150 cm upto atleast 250cm (Nominal Max length) made of hard anodized aluminum (Pistol Type Control grip).		
CAMERA HOUSING DIA	<4 Cm (Minimum access diameter of <5cm)		
ARTICULATION TRAVEL	180 Left of Right motorized articulation		
VIEWING DISTANCE	6"~20' (15cm~6 m) in zero light (total darkness)		
BATTERY (CAMERA MOUNTED)			
Rechargeable Ni-Mh battery set, which will be mounted on the camera itself and NOT on belt. Life 2 hours operation. Spare Battery set and AC Charger-			

220 VAC, 50Hz will be supplied.			
<b>ENVIRONMENT/CERTIFICATION (STANDARD)</b>			
<b>TEMP (HUMIDITY)</b>	-20° ~+50° C (10% ~ 90% Relative)		
<b>WATER RESISTANCE</b>	Camera head will be waterproof to atleast 40 to 50 meters. The system will be supplied c/w a 50m cable so that the same camera can be used for uw search as well as borewell search jobs as & when desired. Camera Head should rotate/articulate under water/in borewell also.		
<b>STANDARD</b>	Camera will be CE CERTIFIED		
<b>MODULAR DESIGN</b> The design of the system should not need two people to use-it should be one man operation with monitor as well as the controls and probe-all together used by one person as one system. The Search Camera should be of modular design so that it can be used for surface/under debris search using the probe. And if the user wants to use the cable for under water or deep bore search, they should be able to remove the probe from the system and use just the cable with pistol control grip with monitor on the control grip.			
<b>ACCESSORY-BREACHING SYSTEM</b> The Search Camera will be supplied complete with a Hand Petrol Engine driven Breaching System to create voids in RCC/concrete structures/slabs so as to insert the camera probe. The details of the same are as under			
<b>POWER TRAIN/ POWER HEAD</b>	Air Colled Engine (preferably HONDA make) 1 to 2 kw Output Vibration Dampening Handles Weight within 10 kgs Speed within 1200 rpm Arrangement of cooling water connection using a pressurized water can and hose-all items to be supplied.		
<b>BITS</b>	2 Nos. Diamond Faced Drill Bits for Medium to Hard Grade Concrete Size of Drill bit:5-6 cm coring diameter, 40 to 50 cm coring length		
<b>PRE-QUALIFICATION REQUIREMENTS</b> The bidder should be an authorized distributor of the manufacturer of the above item. At least 50 such basic Victim Location units should have been supplied by the bidder and should be working with any Fire Department/Rescue services/Emergency/ Training Institute in India. P.O. copies to be submitted with offer. Authorization letter & Original catalog from manufacturer to be enclosed.			

### **SPECIAL TERMS AND CONDITION:-**

1. Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
2. F.O.R.: Various destinations in U.P.

### **3.4 Inspection:**

- (a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.

(b) Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.

© The bidders must describe in technical bid about their past performance for last five years related to supply of SEARCH CAM with documentary proof.

### **3.2 Supply:-**

**1. Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 07 days from the date of award of contract, duly pledged to the 'Addl. Director General of Police, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.

**2. Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014**.

**3. Penalty** of Rs.500/- (Five hundred only) per day per SEARCH CAM will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.

**4. Warranty :** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.

5. The bidders shall have to remove all manufacturing/ operational or any other defects/ problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.

6. Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.

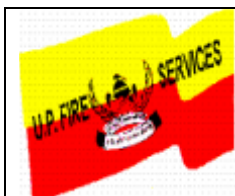
7. The decision of technical committee will be final.

**8. Delivery period** may be extended on reasonable ground by 'Director General,/Addl. Director General of Fire Service .

9. The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /Europion etc., mentioned in the tender document.

**(P. K. RAO )**  
**Dy. Director, Technical(P & O)**  
Fire Service Hqrs., U. P.,  
**LUCKNOW**

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## UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

TENDER NO -XXII-FS(T)-242-2013

DATE 26-11-2013

### SPECIFICATION OF MULTI-LAYER PROXIMITY SUIT/ PERSONAL PROTECTIVE EQUIPMENTS (P.P.E.) - 34 Nos.

MULTI-LAYER PROXIMITY SUIT, GLOVES, BOOT, HOOD, HELMET WITH ACCESSORIES	Accept	Deviation
<b>Multilayer fire proximity suit</b>		
<b>1- Suit</b> Multilayer fire coat and over trousers		
(a)- Material Three layer assembly containing an outer shell made of inherently flame resistant Aramid or equivalent FR fabric , breathable moisture barrier and thermal layer with liner to insulate against heat. Outer shell fabric shall be in Blue or Black colour. Both Fire Jacket and Trouser should have EN certified Triple Trim Reflective tape of 50 mm width as per the requirements stipulated in EN 469 Standards.		
(b)- Conformity EN 469: 2005 Level 2 , CE marked		
<b>2-Gloves</b>		
Multilayer fire fighter gloves EN 659 Marked , CE marked or equivalent or latest		
<b>3- BOOT</b>		
Fire fighter boot EN 15090 Marked standard or latest		
<b>4- Hood &amp; Helmet</b>		
Hood Flame resistant knitted hood made of inherently FR fabric Helmet Fireman Helmet marked EN 443 Marked standard, CE marked complete with EN 166 Visor , providing shell protection to the upper neck area besides head portion. The Helmet shall be supplied in Yellow/ Red/ Fluorescent green colour.		
Certificates All certificate must be submitted showing conformity to stated standards		

#### SPECIAL TERMS AND CONDITION:-

- Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
- F.O.R.: Various destinations in U.P.

#### 3.5 Inspection:

- A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.
  - Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.
- © The bidders must describe in technical bid about their past performance for last five years related to supply of **MULTI-LAYER PROXIMITY SUIT/ PERSONAL PROTECTIVE EQUIPMENTS (P.P.E.)** with documentary proof.

#### 3.2 Supply:-

- Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 07 days from the date of award of contract, duly pledged to the 'Addl. Director General of Police, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and

contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.

**2. Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014**.

**3. Penalty** of Rs.100/- (One hundred only) per day per **MULTI-LAYER PROXIMITY SUIT/ PERSONAL PROTECTIVE EQUIPMENTS (P.P.E.)** will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.

**4. Warranty :** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.

5. The bidders shall have to remove all manufacturing/ operational or any other defects/problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.

6. Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.

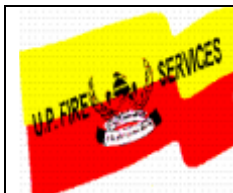
7. The decision of technical committee will be final.

**8. Delivery period** may be extended on reasonable ground by 'Director General,/Addl. Director General of Fire Service .

9. The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /Europion etc., mentioned in the tender document.

**(P. K. RAO )**  
**Dy. Director, Technical(P & O)**  
Fire Service Hqrs., U. P.,  
**LUCKNOW**

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# UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

TENDER NO -XXII-FS(T)-243-2013

DATE 26-11-2013

## SPECIFICATION OF CHEMICAL AND GAS TIGHT SUIT LEVEL – A

24 Nos.

	Accepted	Deviations
<b>Chemical and Gas Tight Suit</b>		
1- Level Level-A gas tight suit		
2- Suitability Suitable to be used with Breathing Apparatus Set		
3- Resistance Resistant against a wide range of chemicals like acids, gaseous flames, liquids etc.		
4- Conformity EN 943-2: 2002 standard or Equivalent		
5- Certificate Copy of certificates showing conformity to stated standard		

### SPECIAL TERMS AND CONDITION:-

- Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
- F.O.R.: Various destinations in U.P.

#### 3.6 Inspection:

- A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.
  - Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.
- © The bidders must describe in technical bid about their past performance for last five years related to supply of **CHEMICAL AND GAS TIGHT SUIT** with documentary proof.

#### 3.2 Supply:-

- Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 07 days from the date of award of contract, duly pledged to the 'Addl. Director General of Police, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.
- Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014**.
- Penalty** of Rs.100/- (One hundred only) per day per **CHEMICAL AND GAS TIGHT SUIT** will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.
- Warranty** : Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.
- The bidders shall have to remove all manufacturing/ operational or any other defects/ problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.
- Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.
- The decision of technical committee will be final.
- Delivery period** may be extended on reasonable ground by 'Director General./Addl. Director General of Fire Service'.
- The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /European etc., mentioned in the tender document.

(P. K. RAO )  
Dy. Director, Technical(P & O)  
Fire Service Hqrs., U. P.,  
LUCKNOW



# UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

TENDER NO -XXII-FS(T)-244-2013

DATE 26-11-2013

## SPECIFICATION OF PNEUMATIC JACK SET(Lifting bags type)- 04 Nos.

	Accepted	Deviations
(1)Max. working pressure 8 bar		
(2)Material Aramid/ Kevlar reinforced nitril rubber		
(3)Design Non slip design		
(4)Resistance Resistant to ozone and range of chemicals etc.		
(5) Minimum Lifting capacity 20,000 kg. - one		
(6) Minimum lifting capacity 40,000 kg. - one		
(7)Accessories:		
(g) Air hoses 5 m 2 nos	One set	
(h) Air hoses 10 m 2 nos		
(i) Control box 2 nos		
(j) Pressure reducer 1 nos		
(k) Double control unit 1 nos		
(l) Single control unit 2 nos		
Air cylinder 6 lt. water capacity, 300 bars, CCOE approved steel cylinder 2 nos		
(8) Standard Conforming to relevant EN standards		

## SPECIAL TERMS AND CONDITION:-

- Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
- F.O.R.: Various destinations in U.P.

### 3.7 Inspection:

(a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.

(b) Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.

© The bidders must describe in technical bid about their past performance for last five years related to supply of PNEUMATIC JACK SET with documentary proof.

### 3.2 Supply:-

**1. Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 07 days from the date of award of contract, duly pledged to the 'Addl. Director General of Police, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.

**2. Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014**.

**3. Penalty** of Rs.500/- (Five hundred only) per day per PNEUMATIC JACK SET will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.

**4. Warranty :** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.



- 5.The bidders shall have to remove all manufacturing/ operational or any other defects/ problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.
- 6.Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.
- 7.The decision of technical committee will be final.
- 8.Delivery period** may be extended on reasonable ground by 'Director General,/Addl. Director General of Fire Service .
- 9.The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /Europion etc., mentioned in the tender document.

**(P. K. RAO )**  
**Dy. Director, Technical(P & O)**  
Fire Service Hqrs., U. P.,  
**LUCKNOW**

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# UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

TENDER NO -XXII-FS(T)-245-2013

DATE 26-11-2013

## Technical Specification of Aerial Sentry System – 02 Nos. Telescopic pole Specification:-

		Accept	Deviation
<b>Expanded height</b>	Not less than 18 meter		
<b>Retracted height</b>	Not more then 3.0 meter		
<b>Head load</b>	30 Kgs maximum with maximum projected area of 0.5 Sq.Meter.		
<b>Type of Operation</b>	Electrically / Pneumatically Operated with digital height indicator		
<b>Mast Expansion Time</b>	5 minute max.		
<b>Maximum wind speed</b>	40 Km/Hr (Deployment)		
	80 Km/Hr (operational)		
	120 Km/Hr (Survival)		
<b>Guy Robes</b>	Easy to handle Kevlar Ropes 3 Nos. at each level and fixed at 3 levels		
<b>Most section</b>	High strength Aluminum Alloy hex section for added strength.		
	Mast height adjustable from 2.5mtr to 18mtr. for ease of operation, depending upon the requirement. User can expand the mast to the desired height depending upon the requirement. At Lower expended heights and low wind speed the user may expand the Mast even without fixing the Guy Ropes.		
weight of the mast	180 Kgs(max)		
Weight of the Vehicle mounting Clamps and other Accessories	Not more then 100Kgs.		
<b>Sensor Types:-</b>			
	1. Digital pole height sensor 2. Digital panning angle sensor 3.Digital Tilt angle sensor 4.Digital 3Axis Gyroscope with Accelerometer 5. Digital Compass		
<b>GPS and GSM:-</b>			
Receiver Type:-	42 Channel –GPSL1 C /A Code. High performance STE Engine		
Sensitivity Tracking	160 dBm - Cold Starts -143 dBm		
Time to first fix	Cold Starts 30s (Typical) Hot Starts 1s(Typical)		
Accuracy SIM Operation	Horizontal Position-2.5mCEP central electrical 3G and 2.5G(Dual)		

Camera and Display	1. Motorized panning Mount not less than 0 to 300° (Degree ) 2. Motorized Tilting Mount (0 to 90° (Degree 3. 1/4” Super HAD CCD(Camera) 4. 600/700 TVL 5. 0.2/0.004lux sensitivity of camera 6. Intelligent Video Analytic 7. Day and Night Auto (ICR) of camera 8. Wide dynamic Range :160x 9. Weather proof Camera 10. Focal Length: 3.5 ~ 129.5mm(Optical 37x Z00m) 11. 14” Color LCD Display 12. Digital Recorder with a Storage capacity of not less than ITB Memory capacity. 13. 3G Data Transceiver.		
Sine Wave Power Pack	1. 230Volts AC 1.5Kw. output 2. 12x2(165 Ah. Lead Acid Battery Input)		
Web Deployment Software for Control Room	1. LIVE GPS Position of Vehicle ,and Tracking on GOOGLE Maps Remotely at Control Room. 2. Live Digital Display of Camera Panning Angle , Camera Tilting angle, Camera Digital Compass, Gyroscopic information of Telescopic pole and Digital Height of the pole at the Control Room. 3.Live pole Height Adjustment from Local Console in the Vehicle, and remotely at Control Room also. 4.Viewing stored GPS track history with ODO Meter and Date, Time for analysis at Control Room. 5. Report of vehicle fuel consumption pattern Calibrated with respect to fuel gauge of the vehicle. 6. LIVE Video feed at local console in the vehicle and remotely at Control Room. 7.LIVE Video recording with playback facility. Video data may be copied to other system for analysis and viewing. 8. LIVE panning and Tilting of camera from local console in the vehicle and remotely from Control Room. 9. Searching of recorded Video clips is possible by Date and Time input.		

### **SPECIAL TERMS AND CONDITION:-**

1. Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
2. F.O.R.: Various destinations in U.P.

### **3.8 Inspection:**

(a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.

(b) Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.

© The bidders must describe in technical bid about their past performance for last five years related to supply of **Aerial Sentry System** with documentary proof.

### **3.2 Supply:-**

**1. Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 07 days from the date of award of contract, duly pledged to the 'Addl. Director General of Police, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.

**2. Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014**.

**3. Penalty** of Rs.500/- (Five hundred only) per day per **Aerial Sentry System** will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.

**4. Warranty :** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.

5. The bidders shall have to remove all manufacturing/ operational or any other defects/problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.

6. Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.

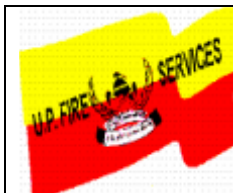
7. The decision of technical committee will be final.

**8. Delivery period** may be extended on reasonable ground by 'Director General,/Addl. Director General of Fire Service .

9. The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /Europion etc., mentioned in the tender document.

**(P. K. RAO )**  
**Dy. Director, Technical(P & O)**  
Fire Service Hqrs., U. P.,  
**LUCKNOW**

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## UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

TENDER NO -XXII-FS(T)-246-2013

DATE 26-11-2013

### Technical Specification of Lighting Tower -04 Nos.

	Accept	Deviation
1- Height not less than 4 mt.		
2- Weight not more than 50 kg.		
3- Engine- 4 strok		
4- Generator – Rated (VA) 1.2 KVA		
5- Fuel Tank cap. not less than 6 lit		
6- Light source- 400W (Metal Halide)		
7- Brightness not less than 42,000 Lumen		
8- Time for tower extension not more than 70 Sec.		
9- Time for closing not more than 5 Min.		
10- Illumination area around 10,000 m2 Generated with in 3 Min.around 360°		

#### SPECIAL TERMS AND CONDITION:-

- Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
- F.O.R.: Various destinations in U.P.

#### 3.9 Inspection:

(a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.

(b) Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.

© The bidders must describe in technical bid about their past performance for last five years related to supply of Lighting Tower with documentary proof.

#### 3.2 Supply:-

**1. Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 07 days from the date of award of contract, duly pledged to the 'Addl. Director General of Police, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.

**2. Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014**.

**3. Penalty** of Rs.100/- (One hundred only) per day per Lighting Tower will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.

**4. Warranty :** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.

5. The bidders shall have to remove all manufacturing/ operational or any other defects/ problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.

6. Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.

7. The decision of technical committee will be final.

**8. Delivery period** may be extended on reasonable ground by 'Director General./Addl. Director General of Fire Service'.

9. The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /Europion etc., mentioned in the tender document.

(P. K. RAO )  
Dy. Director, Technical (P & O)  
Fire Service Hqrs., U. P.,  
LUCKNOW



## UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

TENDER NO -XXII-FS(T)-247-2013

DATE 26-11-2013

### Specification of R.C.C.Cutting Circular Saw (I.C, Engine Operated Circular Saw )- 04 Nos.

Self powered petrol Driven Diamond Circular Saw designed to cut and material like RAIL TRACKS, Security bars , metals, iron rods, iron chain, reinforced concrete, stones, rock , block steel, auto body, glass, cock pit, bullet proof glass etc.,

	Specification	Accept	Deviation
1- Engine	2 stroke single cylinder not less than 4HP with electronics system. Fuel - Petrol		
2-Fuel Tank Capacity	Not less than 750ml		
3-Power Transmission	Automatic Centrifugal Clutch belt type Driven system		
4-Safety Device	Wheel Guard Equipped with spring Loaded steel wheel guard While the operator is cutting a material it will adjust itself automatically and hence reducing the pressure on the operator. Throttle Lock –out : having a throttle lock out.		
5-Handle	Handle should be full wrap for case of use with gloves and large rubber coated secured grip and also work as anti vibration.		
6-Anti vibration	There should be anti vibration system, which reduces the fatigue for the Operator.		
7-Cutting Depth	Not less than 120mm		
8-Cutt- of wheel Blade	Circular Saw with Diamond blade in which diamonds are fused on the blade.		
9-Cutting parameters	RAIL TRACKS, Security bars , metals, iron rods, iron chain, reinforced concrete, stones, rock , block steel, auto body, glass, cock pit, bullet proof glass etc.,		
10-Weight	Wet weight (with Circular Diamond Blades and fuel) not more than 15Kg.		
11-Applications	It should cut any material found at Fires, Building Collapses, Natural Disasters, Accidents and other rescues etc.,		
12-Reversible cutting arm	It should be provided with Reversible cutting arm to so that, allows the user to cut any material in the OUTBOARD position to allows the user to make a FLUSH cut e.g. this feature is useful for cutting security bars off a window of rail coach in outboard position and to allow the user to cut the bars at the level of the window frame.		
13-Priming Bulb	Priming Bulb should be provided to make smooth and easier starting. By pressing the priming bulb a few times, to clean the bad gasoline out form the cylinder and clean gasoline into the cylinder which makes it easier for the engine to start.		
14-Pressure water tank	Pressure water tank Capacity not less then 9Ltr.		
15-Sable Base	It should be provided with stable Base designed to keep system straight on the ground which maintains distance /gap between the Blade and ground and it doesn't harm the Blade.		
16-Service Center	Name of service centre		
17-Spare parts	Availability of spare parts Minimum for 10 years (Certificate encl. )		

### **SPECIAL TERMS AND CONDITION:-**

1. Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
2. F.O.R.: Various destinations in U.P.

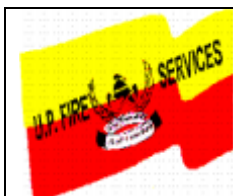
#### **3.1 Inspection:**

- (a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.
- (b) Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.  
© The bidders must describe in technical bid about their past performance for last five years related to supply of **R.C.C.Cutting Circular Saw** with documentary proof.

#### **3.2 Supply:-**

1. **Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 07 days from the date of award of contract, duly pledged to the 'Addl. Director General of Police, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.
2. **Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014**.
3. **Penalty** of Rs.100/- (One hundred only) per day per **R.C.C.Cutting Circular Saw** will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.
4. **Warranty :** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.
5. The bidders shall have to remove all manufacturing/ operational or any other defects/ problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.
6. Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.
7. The decision of technical committee will be final.
8. **Delivery period** may be extended on reasonable ground by 'Director General,/Addl. Director General of Fire Service .
9. The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /Europion etc., mentioned in the tender document.

**(P. K. RAO )**  
**Dy. Director, Technical(P & O)**  
Fire Service Hqrs., U. P.,  
**LUCKNOW**



# UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

TENDER NO -XXII-FS(T)-248-2013

DATE 26-11-2013

## ***SPECIFICATION OF DIAMOND SAW (CHAIN TYPE)- 04Nos.***

		Accept	Deviation
I.C, Engine Operated Diamond Chain Saw (EN/DIN/CE MARKED)			
1-Engine Displacement	<i>Not less then 75CC</i>		
2-Power output	<i>Not less then 5HP</i>		
3-Sound level	<i>Not more then 105dba</i>		
4-Fuel tank capacity	<i>Not less then 750CC</i>		
5-Dry weight	<i>Not more then 8.5kg.</i>		
6-Cutting Depth of RCC	<i>Not less then 40cm.</i>		
7-Pressurized water container	<i>Not less then 10Ltr.</i>		
8-Equipped with quick stop break	<i>Provided</i>		

### **SPECIAL TERMS AND CONDITION:-**

- Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
- F.O.R.: Various destinations in U.P.

### **3.1 Inspection:**

- A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.
- Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.
- The bidders must describe in technical bid about their past performance for last five years related to supply of **DIAMOND SAW** with documentary proof.

### **3.2 Supply:-**

- Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 07 days from the date of award of contract, duly pledged to the 'Addl. Director General of Police, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.
- Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014**.
- Penalty** of Rs.100/- (One hundred only) per day per **DIAMOND SAW** will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.
- Warranty :** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.
- The bidders shall have to remove all manufacturing/ operational or any other defects/ problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.
- Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.
- The decision of technical committee will be final.
- Delivery period** may be extended on reasonable ground by 'Director General,/Addl. Director General of Fire Service .
- The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /Europion etc., mentioned in the tender document.

(P. K. RAO )  
Dy. Director, Technical (P & O)  
Fire Service Hqrs., U. P.,  
LUCKNOW





# UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

TENDER NO -XXII-FS(T)-249-2013

DATE 26-11-2013

## SPECIFICATION OF Life Detector-02 Nos.

Life Detector will be in full compliance with following Specifications:-	Accept	Deviation
1- Should be capable of passively detecting the presence of living humans behind thick barriers such as concrete walls, steel gates, trees, and upto 400 to 500 meters in the open air.		
2- Should be capable of passively detecting the non-uniform electric fields of living humans.		
3-Should not detect animal life		
4- Field of view- Horizontal plane: At least-2 to + 2degrees - Vertical plane : At least -60 to +60 degrees in the open air At least -40 to +40 degrees in a composite structure And -20 to +20 degrees on an all-metal grounded platform		
5- Detection range: The instrument should come with two Range Adjustment Devices as follows One Upto 400 to 500 meters and Another Upto 20 meters.		
6- The instrument should not only detect the human being, but also lock the person so in detection mode, once the Life Detector has fixed on the target even if it is moving, the Life Detector should continue tracking the target.		
7- The Life Detector will be water resistant.		
8- The instrument should not need any power supply to work.		
9- It should have a built-in laser(used to show direction in dark areas) and it should be eye safe. The laser environmental parameters for optimum performance will be:- Operating temperature:-10 to +45 degrees Celsius .		
10- The Laser should run on a rechargeable 9 V DC battery with Operating time 10-12 hours (normal operating conditions), Suitable charger should be provided.		
11- Weight of Life Detector : < 1 Kg		
12- Hard carrying case or bag for accommodating the instrument will be provided		
13- Instrument environmental parameters for optimum performance -Operating temperature :-40 to +85 degrees Celsius -Storage temperature :-40 to +85 degrees Celsius.		

### SPECIAL TERMS AND CONDITION:-

- Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
- F.O.R.: Various destinations in U.P.

### 3.1 Inspection:

- A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.
- Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.

© The bidders must describe in technical bid about their past performance for last five years related to supply of **Life Detector** with documentary proof.

**3.2 Supply:-**

**1. Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 07 days from the date of award of contract, duly pledged to the ‘**Addl. Director General of Police**, Fire Service Headquarters, U.P., Lucknow’ failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.

**2. Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014**.

**3. Penalty** of Rs.500/- (Five hundred only) per day per **Life Detector** will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.

**4. Warranty :** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.

5. The bidders shall have to remove all manufacturing/ operational or any other defects/ problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.

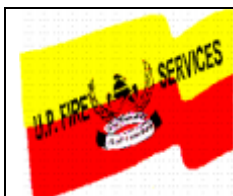
6. Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.

7. The decision of technical committee will be final.

**8. Delivery period** may be extended on reasonable ground by ‘Director General,/Addl. Director General of Fire Service .

9. The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /European etc., mentioned in the tender document.

**(P. K. RAO )**  
**Dy. Director, Technical(P & O)**  
Fire Service Hqrs., U. P.,  
**LUCKNOW**



# UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

TENDER NO -XXII-FS(T)-250-2013

DATE 26-11-2013

## SPECIFICATION OF LIFE DETECTOR (ACOUSTIC BASE)- 02 Nos.

		Accept	Deviation
The system should be designed specially to detect and locate trapped, live victims in collapsed structures caused by earthquakes, explosions, landslides, constructions, cave-ins or mine disasters using 6 sensors.			
FEATURES			
•It should have dual inputs for increased sensor deployment flexibility. It should allow two probes to be used simultaneously for stereo comparison. Should have possibility to connect 6 triaxial sensors simultaneously.			
•It should have audio loop record function that record last five minutes of audio for playback and comparison i.e. there is possibility to recording via computer level record output for the second headphone output jacket with an adapter. Should be useable with a hand held recording device or with a computer (visualization with freeware software should be possible)			
•Filters should be selected to reduce interfering noises.			
•Should allow parallel connection of any sensor.			
•The LCD display panel should have the function of a maximum pointer-measuring unit. The height of the deflection of the column should be the relative analogue dimension for the amplitude of the vibration velocity, i.e. the intensity of the signal receiver. Such indicator element which remains standing should represent the relative peak value of the vibration so that comparison measurement can be carried out. User should be able to store peak value signal or reset by means of a key.			
•For internal power supply the detector should require four dry batteries. An external power supply should also be possible by means of 12V cable via connecting jack. The direct current of external supply must be in range of 9 volts to 24 volts.			
•Two jacks chain are to be supplied for selective connecting the cable to the ground sound sensor 30 Hz. Any sequence and distribution of the individual sensors to the jacks can be chosen.			
•The detector is to be equipped with two headphones with helmet fastening. These headphones should be able th excellently attenuate environmental noises and have a large transmission range. One of these headphones is to be equipped with a mouth-microphone to enable use of intercom system. The allocation of headphones to the connection jacks "headphone" at the amplifier should be effected as desired.			
Ground-borne sound transducer	6 three-directional frequency detector 1/30, frequency 30Hz±5%		
	1 three-directional frequency detector LF, frequency 4,5 HZ± 5% Connector waterproof jack.		
Airborne sound transducer	1 airborne sound microphone MS, equally suitable as loudspeaker, for introduction into a communication borehole of 45mm diameter.		
Connection cables	Cables (6x5m and 2x20m) to be packed in canvas		

	bags. Cable coupling to enable the realization of two chains with the 30 HZ-geophones. The LF- and MS-probes are to be provided with 20m pull-relieved and waterproof cable housed in a cable drum with support.		
Amplifier	To be housed in a casing with shoulder strap		
	• Amplification: max. 120 dB		
	• Frequency response: > 2Hz-3kHz $\pm 3$ dB		
	• Input impedance : <4,7 kO		
	• Signal-to-noise ratio : > 70dB		
	• Distortion factor < 0.5% Inputs mechanically non interchangeable, one jack for headphones/microphone headset.		
Power supply	4 dry batteries 1.5 V each An external power supply to be available by means of the power supply cable and VDC input jack. The DC-voltage must be between 9 V and 24 V. Automobile-connection- set, external power supply unit and rechargeable batteries incl. charger to be provided.		
Control unit	should have following features:-		
	• On-Off switch volume control, selector switch for ground-borne and airborne sound transducers (summing- up and individual listening mode)		
	• On-Off switch for filter		
	• Control for low pass: approx 3kHz-20Hz		
	• Control for high pass: approx 20Hz-3kHz		
	• Switch to select a piezo transducer with approx 2.5 kHz for ground-borne sound transducer, aural perception of ground-borne sound with frequencies between 2Hz up to the auditory sensation area of the human ear. Push-to-talk switch for intercom facility.		
	• The input levels of the 6 ground-borne sound transducers are alternatively displayed by means of an LCD bar-graph display. For comparison of input levels, the unit possesses a hold function for the actual peak value.		
	• Reset switch to erase the peak values.		
Headphones	One pair headphones with build-in microphone and coiled cord for intercom facility and a pair of headphones of the same type without microphone.		
Temperature range	20° C up to + 50° C		
Transport casing	Two cases, all parts fixed in supports One: Approx. 600x400x250mm (Weight within 25 kg) Second: Approx. 600x400x340mm (Weight: within 30 kg)		

#### **SPECIAL TERMS AND CONDITION:-**

1. Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
2. F.O.R.: Various destinations in U.P.

### **3.1 Inspection:**

(a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.

(b) Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.

© The bidders must describe in technical bid about their past performance for last five years related to supply of **LIFE DETECTOR (ACOUSTIC BASE)** with documentary proof.

### **3.2 Supply:-**

**1. Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 07 days from the date of award of contract, duly pledged to the 'Addl. Director General of Police, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.

**2. Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014**.

**3. Penalty** of Rs.500/- (Five hundred only) per day per **LIFE DETECTOR (ACOUSTIC BASE)** will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.

**4. Warranty :** Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.

5. The bidders shall have to remove all manufacturing/ operational or any other defects/ problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.

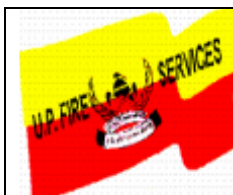
6. Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.

7. The decision of technical committee will be final.

**8. Delivery period** may be extended on reasonable ground by 'Director General,/Addl. Director General of Fire Service .

9. The onus of liability lies on the bidder to attach an updated copy of any standard like BIS /European etc., mentioned in the tender document.

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**Dy. Director, Technical (P & O)**  
Fire Service Hqrs., U. P.,  
**LUCKNOW**



## UTTAR PRADESH FIRE SERVICE HEADQUARTER

4<sup>th</sup> & 5<sup>th</sup> FLOOR, INDIRA BHAWAN, ASHOK MARG, LUCKNOW

TENDER NO -XXII-FS(T)-251-2013

DATE 26-11-2013

### SPECIFICATION OF CONCRETE BREAKER - 08 Set.

	Accepted	Deviations
Concrete breaker 15 ± 2.5 kg (electrical) with four spare chisel (pointed and flat each) with active vibration Control, EN/DIN/CE MARKED (BOSCH/ HITACHI/DEWALT etc./.)		

### SPECIAL TERMS AND CONDITION:-

1. Validity of bid: Bid should remain valid for a period of 180 days from the date of opening of financial bid. Validity of bid can be extended with mutual consent.
2. F.O.R.: Various destinations in U.P.

#### 3.10 Inspection:

- (a) A high level committee may inspect the works/ establishment of the bidders before the finalization of the contract for evaluation/ assessment of bidders.
  - (b) Afterward of the contract, inspection will be done by Fire Service Head Quarter Lucknow at supplier's workshop.
- © The bidders must describe in technical bid about their past performance for last five years related to supply of **CONCRETE BREAKER** with documentary proof.

#### 3.2 Supply:-

1. **Performance Security:** The successful bidders shall have to submit a performance security in shape of Bank Guarantee/ F.D.R., for 10% of the contract value, within 07 days from the date of award of contract, duly pledged to the 'Addl. Director General of Police, Fire Service Headquarters, U.P., Lucknow' failing which their tender will be rejected and contract will be awarded to next bidder. The performance security should remain valid till the expiry of the contract.
2. **Delivery period:** Delivery of equipment shall be latest by **07<sup>th</sup> March, 2014**.
3. **Penalty** of Rs.100/- (One hundred only) per day per **CONCRETE BREAKER** will be charged for any delay in completion of work or handing over the completed equipment beyond the stipulated period.
4. **Warranty** : Warranty shall be for a period of 12 months from the date of acceptance of equipment by competent authority.
5. The bidders shall have to remove all manufacturing/ operational or any other defects/ problems detected in the equipment during the 12 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.
6. Printed leaflet and detailed specifications should be submitted by the bidders along with the technical bid. The details of past supply of tendered items, if any, should also be mentioned.
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