

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: January 15, 2014

CORRIGENDUM

(1). Pl. Refer Tender Notification dated 26-11-2013 (Page No.4 Para no 16) & which was earlier extended to 16-01-2014 by even letter No. 02-01-2014.

CORRECTIONS ISSUED:

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 16-01-2014 up to 11-00 hours
2- Last date of receipt of Tenders	: 16-01-2014 up to 12-00 hours
3- Date of Opening of Technical offer	: 16-01-2014 up to 15-30 hours

Be read as

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 23-01-2014 up to 11-00 hours
2- Last date of receipt of Tenders	: 23-01-2014 up to 12-00 hours
3- Date of Opening of Technical offer	: 23-01-2014 up to 15-30 hours

CORRECTIONS ISSUED:

(1). Pl. Refer Tender Notification XXII-FS(T)-226-2013(D/M) dated 26-11-2013 Water Tender Type 'B' Small Page No.37

SCHEDULE OF EQUIPMENT TO BE STOWED IN THE APPLIANCE				
Sl.no.	ITEMS	QNTY		
1	Aluminium extension ladder 7.5 m only Simplex make.	1		

Be read as

SCHEDULE OF EQUIPMENT TO BE STOWED IN THE APPLIANCE				
Sl.no.	ITEMS	QNTY		
1	Aluminium extension ladder 7.5 Meter Trusse Type CN/EN Marked	1		

CORRECTIONS ISSUED:

(1). Pl. Refer Tender Notification XXII-FS(T)-227-2013 dated 26-11-2013 Water Tender Type 'B' Page No.44

SCHEDULE OF EQUIPMENT TO BE STOWED IN THE APPLIANCE				
Sl.no.	ITEMS	QNTY.		
1	Aluminium extension ladder 10.5 M only Simplex make.	1		

Be read as

SCHEDULE OF EQUIPMENT TO BE STOWED IN THE APPLIANCE				
Sl.no.	ITEMS	QNTY		
1	10.5 Meter ALUMINUM EXTENSION LADDER TRUSSE TYP CN/EN Marked			

CORRECTIONS ISSUED:

(1). Pl. Refer Tender Notificaion XXII-FS(T)-228-2013(D/M) dated 26-11-2013 PORTABLE PUMP (B)
(275LPM)- 33Nos Page No.49

Accepted Deviation

PUMP:- 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.		
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Be read as**Accepted Deviation**

PUMP:- 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. Pump performance shall be as per IS:942:1982 but performance of Primer shall comply 4.5Meters depth in 45 Seconds		
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CORRECTIONS ISSUED:

(1). Pl. Refer Tender Notificaion XXII-FS(T)-229-2013 dated 26-11-2013 Rescue set- **SPREADER/CUTTER, COMBITOOL /PRIMOVER/ PNEUMATIC BAGS/TELESCOPIC RAM/HAND PUMP(PETROL OPERATED) etc., -12Set** Page No.51&52

	Accepted	Deviations
(A) HYDRAULIC SPREADER		
1- Minimum spreading force 80 kN		
7- The equipment should conform to class CS spreader classification of EN13204: 2004 and appropriate certificates must be enclosed showing the conformity		

(B) HYDRALIC CUTTER-**(C) HYDRAULIC COMBINATION TOOL-**

(D)PNEUMATIC JACK SET(Lifting bags type)	Accepted	Deviations
(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 (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 2 nos	One set	
(8) Standard Conforming to relevant EN standards		

(E) TELESCOPIC RAM JACK**(F) PETROL OPERATED HYDRAULIC PUMP (PRIMOVER)****Be read as**

	Accepted	Deviations
(A) HYDRAULIC SPREADER		
1- Minimum spreading force 40 kN		
7- The equipment should conform to class AS spreader classification of EN13204: 2004 and appropriate certificates must be enclosed showing the conformity. Weight than 20kgs.		

(B) HYDRALIC CUTTER-

7-Weight not more than 20kgs.

(C) HYDRAULIC COMBINATION TOOL-

10- Weight not more than 15kgs.

(D)PNEUMATIC JACK SET(Lifting bags type)		Accepted	Deviations
(5) Minimum Lifting capacity	20,000 kg. - two		
(6) Minimum lifting capacity	40,000 kg. - two		
(7)Accessories:			
(a)Air hoses 5 m	2 nos	One set	
(b)Air hoses 10 m	4 nos		
(c)Control box	2 nos		
Operating two bags at a time			
(d)Pressure reducer	2 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	2		
nos			
(g) shutt of safety valve with hose	4		
nos.			
(8) Standard	Conforming to relevant EN standards		

(E) TELESCOPIC RAM JACK

8- Weight not more than 20kgs.

(F) PETROL OPERATED HYDRAULIC PUMP (PRIMOVER)**6- HYDRAULIC PUMP – Useable ,**

7- Oil capacity not less than 3.5 ltr.

8- hose length 10 m – 2 nos.

9- hose length 5 m – 2 nos.

Note:- Foot/hand operated prime mover for one tool operation shall be provided.**CORRECTIONS ISSUED:**

(1). Pl. Refer Tender Notificaion XXII-FS(T)-230-2013 dated 26-11-2013 **THERMAL IMAGING CAMERA** 08 Nos. Page No.54 & 55

Specification		Accepted	Deviation
10.The camera shall display clear stable image with an up date range of 30-50 Hz.			
12.The battery use for the camera shall be rechargeable type & will be of Nickel Metal Hydride (NiMH), Lithium ion battery.			
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.			
21. The camera shall comply the following technical parameters.			
Resolution	160x120 focal plane array or better		
Spectral response	8 – 14 microns		
Up date rate	30-50 Hz		
Dynamic range	-50° C to550° C		
Display Size	Min. 3.5'' diagonal		
Display back light	CCFT/florescent		
Power source	Rechargeable battery – NiMH or Lithium ion		
Video out	PAL / NTSC		

Created with

Transmitter mounting	Inside camera		
Transmitter power supply	From camera battery		
Signal type	An long / Digital		
Range	0° C-600 ° C		
Shoulder Strap	KEVLAR		
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.		

Be read as

Specification		Accepted	Deviation
10.The camera shall display clear stable image with an up date range of 30-120 Hz.			
12.The battery use for the camera shall be rechargeable type & will be of Nickel Metal Hydride (NiMH)/ Lithium ion / Lithium phosphate battery.			
18. The camera shall meet relevant industry standard for high temperature and shall also meet all other safety norms applicable to Thermal Imaging Camera's.			
21. The camera shall comply the following technical parameters.			
Resolution	320x1240 focal plane array or better		
Spectral response	7 – 14 microns		
Up date rate	30-120 Hz		
Dynamic range	-40° C to 600° C		
Display Size	Min. 2.5'' diagonal		
Display back light	CCFT/florescent/LED		
Power source	Rechargeable battery – (NiMH)/ Lithium ion / Lithium phosphate battery		
Video out	Video recording facility to be provided		
Range	-40° C-600 ° C		
Shoulder Strap	Aramid or similar FR Material		
Heat Resistance	Tested 260° C for 5 minutes.		
Vibration/Altitude	As per EN 60721-3-2 standards or equivalent		
Cold temp. Storage	- 10° C for 24hrs.		
High temp. Storage	+ 55° C for 24hrs.		

CORRECTIONS ISSUED:

- (1). Pl. Refer Tender Notificaion XXII-FS(T)-235-2013 dated 26-11-2013 SMOKE EXHAUSTER WITH ACCESSORIES FOR THE USE OF FIRE BRIGADE- 40 Nos_ page No.65&66

Specification		Accept	Deviation
<u>PETROL ENGINE DRIVEN :</u>			
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.			
<u>DUCT :</u>			

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.		
2.3 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.		
<u>COOLING COLLAR :</u>		
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		
<u>INSPECTION AND TESTING</u>		
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.		
<u>TRAINING</u>		
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).		
<u>OPERATIONS AND MAINTENANCE MANUAL</u>		
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.		
<u>WARRANTY</u>		
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:-

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:-

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 the station where the machine/ equipment is stationed.

Be read as

SMOKE EXHAUSTER WITH ACCESSORIES FOR THE USE OF FIRE BRIGADE- 40 Nos

Specification	Accept	Deviation
<u>PETROL ENGINE DRIVEN :</u>		
1.1 The Smoke Extractor 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 Unit should be lightweight and shall be more than 30 kgs weight with tolerance up to 10%		
1.3 The Smoke Extractor should have minimum air output of minimum 2500CFM for effective extraction of smoke.		
1.4 The Fan size shall be minimum 12" dia. (30 cm) size with blades for generating strong air force.		
1.5 The Extractor should be capable of operating with 220/230 V 50 Hz AC power supply motor of less than 2HP suitable for use in explosion proof/ hazardous		
1.6 The housing of the Smoke Extractor should be rugged in construction made from heat resistive, non rusting, corrosion and chemical resistant material.		
<u>DUCT :</u>		
2.1 The Smoke Extractor Set should be supplied complete with two sections of flexible, water- resistant, non static duct of diameter 12"/16" and length 25 feet each The duct should be antistatic in nature for conducting static charges to the ground thereby making it suitable for use even in hazardous locations.		
2.3 The Duct should be capable of fitting on either sides of ventilator, depending upon PPV/NPV applications. One no. of duct couplers to be provided so as to facilitate simultaneous fitting of ducts on side of the Ventilator.		
<u>Portable Generator</u> – Portable generating set, Self Start- Portable Single phase 230 V 50Hz. Petrol strat Kerosene run AC generating set, Rated VA Output(at unity pf): not less than 2100, Starting type: Electric (Self start), AC/DC output : AC shall be supplied to operate Exhauster with 50 mtr. Electric cable (Make-HONDA/BIRLA)		
<u>INSPECTION AND TESTING</u>		
All the Smoke Extractor 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 PPV/NPV working and applications will be provided by the manufacturer on the same site.		
<u>TRAINING</u>		
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 .		
<u>OPERATIONS AND MAINTENANCE MANUAL</u>		
The manufacturer of the portable Smoke Extractor sets shall supply a set of operation and maintenance manual with each set in English language.		
<u>WARRANTY</u>		
The manufacturer shall give warranty of minimum 24 calendar months from the date of supply of Smoke Extractor 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 .		

SPECIAL TERMS AND CONDITION:-

3.2 Inspection:

(a) & (b) deleted

(c) The bidders must describe in technical bid about their past performance for **Smoke Exhauster** with documentary proof.

3.2 Supply:-

4- **Warranty:** Warranty shall be for a period of 24 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 24 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.

CORRECTIONS ISSUED:

(1). Pl. Refer Tender Notificaion XXII-FS(T)-239-2013 dated 26-11-2013
couplings 4'' - 37 Pairs page No.70

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

Be read as

couplings 4'' - 37 Pairs (Stainless Steel)

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

CORRECTIONS ISSUED:

(1). Pl. Refer Tender Notificaion XXII-FS(T)-240-2013 dated 26-11-2013 **HYDRAULIC TOOLS (HYDRAULIC SPREADER, CUTTER, COMBITOOL, RAMJACK AND HYDRAULIC PUMP) etc.,- 04 Set.** Page No.71 &72

	Accepted	Deviations
(A) HYDRAULIC SPREADER		
1- Minimum spreading force 80 kN		
7- The equipment should conform to class CS spreader classification of EN13204: 2004 and appropriate certificates must be enclosed showing the conformity		

(B) HYDRALIC CUTTER-

(C) HYDRAULIC COMBINATION TOOL-

(D)PNEUMATIC JACK SET(Lifting bags type)	Accepted	Deviations
(5) Minimum Lifting capacity 20,000 kg. - one		
(6) Minimum lifting capacity 40,000 kg. - one		
(7)Accessories:	One set	
(g) Air hoses 5 m 2 nos		
(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		

(E) TELESCOPIC RAM JACK

(F) PETROL OPERATED HYDRAULIC PUMP (PRIMOVER)

Be read as

HYDRAULIC TOOLS (HYDRAULIC SPREADER, CUTTER, COMBITOOL, RAMJACK AND HYDRAULIC PUMP) etc.,- 06 Set.

	Accented	Deviations
(A) HYDRAULIC SPREADER		
1- Minimum spreading force 40 kN		

7- The equipment should conform to class AS spreader classification of EN13204: 2004 and appropriate certificates must be enclosed showing the conformity. Weight not more than 20kgs.		
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(B) HYDRALIC CUTTER-

7-Weight not more than 20kgs.

(C) HYDRAULIC COMBINATION TOOL-

10- Weight not more than 15kgs.

(D)PNEUMATIC JACK SET(Lifting bags type)		Accepted	Deviations
(5) Minimum Lifting capacity	20,000 kg. - two		
(6) Minimum lifting capacity - two	40,000 kg.	One set	
(7)Accessories:			
(a)Air hoses 5 m	2 nos		
(b)Air hoses 10 m	4 nos		
(c)Control box	2 nos		
Operating two bags at a time			
(d)Pressure reducer	2 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	2 nos		
(g) shutt of safety valve with hose nos.	4		
(8) Standard	Conforming to relevant EN standards		

(E) TELESCOPIC RAM JACK

8- Weight not more than 20kgs.

(F) PETROL OPERATED HYDRAULIC PUMP (PRIMOVER)

6- HYDRAULIC PUMP – Useable ,

7- Oil capacity not less than 3.5 ltr.

8- hose length 10 m – 2 nos.

9- hose length 5 m – 2 nos.

Note:- Foot/hand operated prime mover for one tool operation shall be provided.

CORRECTIONS ISSUED:

(1). Pl. Refer Tender Notificaion XXII-FS(T)-241-2013 dated 26-11-2013 SEARCH CAM VICTIM LOCATION UNIT-04 Nos. (*WITH BREACHING SYSTEM*) page No.75

TECHNICAL SPECIFICATIONS	Accept	Deviation
PRE-QUALIFICATION REQUIREMENTS 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 & Ori from manufacturer to be enclosed.		

Be read as

TECHNICAL SPECIFICATIONS	Accept	Deviation
PRE-QUALIFICATION REQUIREMENTS 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 World. P.O. copies to be submitted with offer. Authorization letter & Original catalog from manufacturer to be enclosed.		

CORRECTIONS ISSUED:

(1). Pl. Refer Tender Notificaion XXII-FS(T)-250-2013 dated 26-11-2013 LIFE DETECTOR (ACOUSTIC BASE)- 02 Nos. page No.91&92

	Accept	Deviation
•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.		
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.		
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.		
Transport casing Two cases, all parts fixed in supports One: Approx. 600x400x 250mm(Weight within 25 kg) Second: Approx. 600x400x340mm (Weight: within 30 kg)		

Be read as

LIFE DETECTOR (ACOUSTIC BASE)- 02 Nos.

	Accept	Deviation
•For internal power supply the detector should require four Rechargeable 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.		
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. (If wireless sensors to be provided it should be 3 wireless & 3 wired. Then cables to be required shall be 3x5m & 1x20m)		
Power supply 4 Rechargeable 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.		
Transport casing Two cases, all parts fixed in supports One: Approx .600x 400x250mm(Weight within 25 kg) Second: Approx. 600x400x340mm (Weight: within 30 kg) (If wireless sensors to be provided it should be 3 wireless & 3 wired. Then one case also be accepted.		

Note: Detail Technical Specification & other requirment are available at U.P. Police website <http://uppolice.up.nic.in>

(Arvind I

Joint Di

For AddL. Director

U.P. Fire Service

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उत्तर प्रदेश फायर सर्विस मुख्यालय लखनऊ।

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

पत्र संख्या:-बाईस-एफएस(टी)-212-2013

दिनांक:लखनऊ: जनवरी 15 ,2014

शुद्धि पत्र

निविदा

निविदा संख्या- बाईस-एफएस(टी)-212-2013,दिनांक 26-11-2013 विभिन्न प्रकार के अग्निशमन उपकरणों/वाहनों/मशीनों/संयन्त्रों/सामग्री के क्रय निर्माण के सम्बन्ध में है, जिसे सम संख्यक पत्र दिनांक 02-01-2014 द्वारा दिनांक 16-01-2014 तक बढ़ाया गया है, में निम्नानुसार संशोधन किया गया है:-

शुद्धि पत्र का विवरण

निविदा दिनांक 26-11-2013 का पृष्ठ-4 प्रस्तर-19

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	:दि० 04-12-2013 को प्रातः 10.00बजे से :दि० 16-01-2014 को पूर्वान्ह 11.00बजे तक
(2)निविदा प्राप्त करने की अन्तिम तिथि	:दि० 16-01-2014 को मध्यान्ह 12:00बजे तक
(3)टेकनिकल बिड खोलने की तिथि व समय	:दि० 16-01-2014 को अपरान्ह 15.30 बजे

निविदा दिनांक 26-11-2013 का पृष्ठ-4 प्रस्तर-19 को निम्नानुसार पढ़ा जाये

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 व समय	:दि० 04-12-2013 को प्रातः 10.00बजे से :दि० 23-01-2014 को पूर्वान्ह 11.00बजे तक
(2)निविदा प्राप्त करने की अन्तिम तिथि व समय	:दि० 23-01-2014 को मध्यान्ह 12:00बजे तक
(3)टेकनिकल बिड खोलने की तिथि व समय	:दि० 23-01-2014 को अपरान्ह 15.30 बजे

CORRECTIONS ISSUED:

(1). Pl. Refer Tender Notificaion XXII-FS(T)-226-2013(D/M) dated 26-11-2013 Water Tender Type 'B' Small Page No.37

SCHEDULE OF EQUIPMENT TO BE STOWED IN THE APPLIANCE			
Sl.no.	ITEMS	QNTY	
1	Aluminium extension ladder 7.5 m only Simplex make.	1	

Be read as

SCHEDULE OF EQUIPMENT TO BE STOWED IN THE APPLIANCE			
Sl.no.	ITEMS	QNTY	
1	Aluminium extension ladder 7.5 Meter Trusse Type CN/EN Marked	1	

CORRECTIONS ISSUED:

(1). Pl. Refer Tender Notificaion XXII-FS(T)-227-2013 dated 26-11-2013 Water Tender Type 'B' Page No.44

SCHEDULE OF EQUIPMENT TO BE STOWED IN THE APPLIANCE			
Sl.no.	ITEMS		
1	Aluminium extension ladder 10.5 M only Simplex make.		

Be read as

SCHEDULE OF EQUIPMENT TO BE STOWED IN THE APPLIANCE				
Sl.no.	ITEMS	QNTY.		
1	10.5 Meter ALUMINUM EXTENSION LADDER TRUSSE TYPE CN/EN Marked	1		

CORRECTIONS ISSUED:

(1). Pl. Refer Tender Notificaion XXII-FS(T)-228-2013(D/M) dated 26-11-2013 PORTABLE PUMP (B)
(275LPM)- 33Nos Page No.49

Accepted Deviation

PUMP:- 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.		
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Be read as**Accepted Deviation**

PUMP:- 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. Pump performance shall be as per IS:942:1982 but performance of Primer shall comply 4.5Meters depth in 45 Seconds		
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CORRECTIONS ISSUED:

(1). Pl. Refer Tender Notificaion XXII-FS(T)-229-2013 dated 26-11-2013 Rescue set- **SPREADER/CUTTER, COMBITOOL /PRIMOVER/ PNEUMATIC BAGS/TELESCOPIC RAM/HAND PUMP(PETROL OPERATED) etc., -12Set** Page No.51&52

	Accepted	Deviations
(A) HYDRAULIC SPREADER		
1- Minimum spreading force 80 kN		
7- The equipment should conform to class CS spreader classification of EN13204: 2004 and appropriate certificates must be enclosed showing the conformity		

(B) HYDRALIC CUTTER-**(C) HYDRAULIC COMBINATION TOOL-**

(D)PNEUMATIC JACK SET(Lifting bags type)	Accepted	Deviations
(5) Minimum Lifting capacity 20,000 kg. - one		
(6) Minimum lifting capacity 40,000 kg. - one		
(7)Accessories: (m) Air hoses 5 m 2 nos (n) Air hoses 10 m 2 nos (o) Control box 2 nos (p) Pressure reducer 1 nos (q) Double control unit 1 nos (r) Single control unit 2 nos Air cylinder 6 lt. water capacity, 300 bars, CCOE approved steel cylinder 2 nos	One set	
(8) Standard Conforming to relevant EN standards		

(E) TELESCOPIC RAM JACK**(F) PETROL OPERATED HYDRAULIC PUMP (PRIMOVER)**

Be read as

	Accepted	Deviations
(A) HYDRAULIC SPREADER		
1- Minimum spreading force 40 kN		
7- The equipment should conform to class AS spreader classification of EN13204: 2004 and appropriate certificates must be enclosed showing the conformity. Weight not more than 20kgs.		

(B) HYDRALIC CUTTER-

7-Weight not more than 20kgs.

(C) HYDRAULIC COMBINATION TOOL-

10- Weight not more than 15kgs.

(D)PNEUMATIC JACK SET(Lifting bags type)		Accepted	Deviations
(5) Minimum Lifting capacity	20,000 kg. - two		
(6) Minimum lifting capacity	40,000 kg. - two		
(7)Accessories:			
(a)Air hoses 5 m	2 nos	One set	
(b)Air hoses 10 m	4 nos		
(c)Control box	2 nos		
Operating two bags at a time			
(d)Pressure reducer	2 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	2 nos		
(g) shutt of safety valve with hose	4 nos.		
(8) Standard	Conforming to relevant EN standards		

(E) TELESCOPIC RAM JACK

8- Weight not more than 20kgs.

(F) PETROL OPERATED HYDRAULIC PUMP (PRIMOVER)**6- HYDRAULIC PUMP – Useable ,**

7- Oil capacity not less than 3.5 ltr.

8- hose length 10 m – 2 nos.

9- hose length 5 m – 2 nos.

Note:- Foot/hand operated prime mover for one tool operation shall be provided.**CORRECTIONS ISSUED:**

(1). Pl. Refer Tender Notificaion XXII-FS(T)-230-2013 dated 26-11-2013 **THERMAL IMAGING CAMERA** 08 Nos. Page No.54 & 55

Specification		Accepted	Deviation
10.The camera shall display clear stable image with an up date range of 30-50 Hz.			
12.The battery use for the camera shall be rechargeable type & will be of Nickel Metal Hydride (NiMH), Lithium ion battery.			
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.			
21. The camera shall comply the following technical parameters.			
Resolution	160x120 focal plane array or better		
Spectral response	8 – 14 microns		

Up date rate	30-50 Hz		
Dynamic range	-50° C to 550° C		
Display Size	Min. 3.5'' diagonal		
Display back light	CCFT/florescent		
Power source	Rechargeable battery – NiMH or Lithium ion		
Video out	PAL / NTSC		
Transmitter mounting	Inside camera		
Transmitter power supply	From camera battery		
Signal type	An long / Digital		
Range	0° C-600 ° C		
Shoulder Strap	KEVLAR		
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.		

Be read as

Specification		Accepted	Deviation
10.The camera shall display clear stable image with an up date range of 30-120 Hz.			
12.The battery use for the camera shall be rechargeable type & will be of Nickel Metal Hydride (NiMH)/ Lithium ion / Lithium phosphate battery.			
18. The camera shall meet relevant industry standard for high temperature and shall also meet all other safety norms applicable to Thermal Imaging Camera's.			
21. The camera shall comply the following technical parameters.			
Resolution	320x1240 focal plane array or better		
Spectral response	7 – 14 microns		
Up date rate	30-120 Hz		
Dynamic range	-40° C to 600° C		
Display Size	Min. 2.5'' diagonal		
Display back light	CCFT/florescent/LED		
Power source	Rechargeable battery – (NiMH)/ Lithium ion / Lithium phosphate battery		
Video out	Video recording facility to be provided		
Range	-40° C-600 ° C		
Shoulder Strap	Aramid or similar FR Material		
Heat Resistance	Tested 260° C for 5 minutes.		
Vibration/Altitude	As per EN 60721-3-2 standards or equivalent		
Cold temp. Storage	- 10° C for 24hrs.		
High temp. Storage	+ 55° C for 24hrs.		

CORRECTIONS ISSUED:

(1). Pl. Refer Tender Notificaion XXII-FS(T)-235-2013 dated 26-11-2013 SMOKE EXHAUSTER WITH ACCESSORIES FOR THE USE OF FIRE BRIGADE- 40 Nos_ page No.65&66

Specification		Accept	Deviation
<u>PETROL ENGINE DRIVEN :</u>			
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 (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.		
<u>DUCT :</u>			
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.		
2.3	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.		
<u>COOLING COLLAR :</u>			
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		
<u>INSPECTION AND TESTING</u>			
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.			
<u>TRAINING</u>			
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).			
<u>OPERATIONS AND MAINTENANCE MANUAL</u>			
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.			
<u>WARRANTY</u>			
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:-

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) 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:-

- 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.

Be read as

SMOKE EXHAUSTER WITH ACCESSORIES FOR THE USE OF FIRE BRIGADE- 40 Nos

Specification	Accept	Deviation
<u>PETROL ENGINE DRIVEN :</u>		
1.1 The Smoke Extractor 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 Unit should be lightweight and shall be more than 30 kgs weight with tolerance up to 10%		
1.3 The Smoke Extractor should have minimum air output of minimum 2500CFM for effective extraction of smoke.		
1.4 The Fan size shall be minimum 12" dia. (30 cm) size with blades for generating strong air force.		
1.5 The Extractor should be capable of operating with 220/230 V 50 Hz AC power supply motor of less than 2HP suitable for use in explosion proof/ hazardous		
1.6 The housing of the Smoke Extractor should be rugged in construction made from heat resistive, non rusting, corrosion and chemical resistant material.		
<u>DUCT :</u>		
2.1 The Smoke Extractor Set should be supplied complete with two sections of flexible, water- resistant, non static duct of diameter 12"/16" and length 25 feet each The duct should be antistatic in nature for conducting static charges to the ground thereby making it suitable for use even in hazardous locations.		
2.3 The Duct should be capable of fitting on either sides of ventilator, depending upon PPV/NPV applications. One no. of duct couplers to be provided so as to facilitate simultaneous fitting of ducts on side of the Ventilator.		
<u>Portable Generator</u> – Portable generating set, Self Start- Portable Single phase 230 V 50Hz. Petrol strat Kerosene run AC generating set, Rated VA Output(at unity pf): not less than 2100, Starting type: Electric (Self start), AC/DC output : AC shall be supplied to operate Exhauster with 50 mtr. Electric cable (Make-HONDA/BIRLA)		
<u>INSPECTION AND TESTING</u>		
All the Smoke Extractor 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 PPV/NPV working and applications will be provided by the manufacturer on the same site.		
<u>TRAINING</u>		
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 .		
<u>OPERATIONS AND MAINTENANCE MANUAL</u>		
The manufacturer of the portable Smoke Extractor sets shall supply a set of operation and maintenance manual with each set in English language.		
<u>WARRANTY</u>		
The manufacturer shall give warranty of minimum 24 calendar months for supply of Smoke Extractor 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 .

SPECIAL TERMS AND CONDITION:-

3.4 Inspection:

- (a) & (b) deleted
- (c) The bidders must describe in technical bid about their past performance for last five years related to supply of **Smoke Exhauster** with documentary proof.

3.2 Supply:-

4- Warranty: Warranty shall be for a period of 24 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 24 months warranty period within 07 days at their risk and cost, at the station where the machine/ equipment is stationed.

CORRECTIONS ISSUED:

(1). Pl. Refer Tender Notificaion XXII-FS(T)-239-2013 dated 26-11-2013
couplings 4'' - 37 Pairs page No.70

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

Be read as

couplings 4''- 37 Pairs (Stainless Steel)

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

CORRECTIONS ISSUED:

(1). Pl. Refer Tender Notificaion XXII-FS(T)-240-2013 dated 26-11-2013 **HYDRAULIC TOOLS (HYDRAULIC SPREADER, CUTTER, COMBITOOL, RAMJACK AND HYDRAULIC PUMP) etc.,- 04 Set.** Page No.71 &72

	Accepted	Deviations
(A) HYDRAULIC SPREADER		
1- Minimum spreading force 80 kN		
7- The equipment should conform to class CS spreader classification of EN13204: 2004 and appropriate certificates must be enclosed showing the conformity		

(B) HYDRALIC CUTTER-

(C) HYDRAULIC COMBINATION TOOL-

(D)PNEUMATIC JACK SET(Lifting bags type)	Accepted	Deviations
(5) Minimum Lifting capacity 20,000 kg. - one		
(6) Minimum lifting capacity 40,000 kg. - one		
(7)Accessories:	One set	
(s) Air hoses 5 m 2 nos		
(t) Air hoses 10 m 2 nos		
(u) Control box 2 nos		
(v) Pressure reducer 1 nos		
(w) Double control unit 1 nos		
(x) 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		

(E) TELESCOPIC RAM JACK

(F) PETROL OPERATED HYDRAULIC PUMP (PRIMOVEI

Be read as

HYDRAULIC TOOLS (HYDRAULIC SPREADER, CUTTER, COMBITOOL, RAMJACK AND HYDRAULIC PUMP) etc.,- 06 Set.

	Accepted	Deviations
(A) HYDRAULIC SPREADER		
1- Minimum spreading force 40 kN		
7- The equipment should conform to class AS spreader classification of EN13204: 2004 and appropriate certificates must be enclosed showing the conformity. Weight not more than 20kgs.		

(B) HYDRALIC CUTTER-

7-Weight not more than 20kgs.

(C) HYDRAULIC COMBINATION TOOL-

10- Weight not more than 15kgs.

(D)PNEUMATIC JACK SET(Lifting bags type)		Accepted	Deviations
(5) Minimum Lifting capacity	20,000 kg. - two		
(6) Minimum lifting capacity	40,000 kg. - two		
(7)Accessories:			
(a)Air hoses 5 m	2 nos	One set	
(b)Air hoses 10 m	4 nos		
(c)Control box	2 nos		
Operating two bags at a time			
(d)Pressure reducer	2 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	2 nos		
(g) shutt of safety valve with hose	4 nos.		
(8) Standard	Conforming to relevant EN standards		

(E) TELESCOPIC RAM JACK

8- Weight not more than 20kgs.

(F) PETROL OPERATED HYDRAULIC PUMP (PRIMOVER)

6- HYDRAULIC PUMP – Useable ,

7- Oil capacity not less than 3.5 ltr.

8- hose length 10 m – 2 nos.

9- hose length 5 m – 2 nos.

Note:- Foot/hand operated prime mover for one tool operation shall be provided.

CORRECTIONS ISSUED:

(1). Pl. Refer Tender Notificaion XXII-FS(T)-241-2013 dated 26-11-2013 SEARCH CAM VICTIM LOCATION UNIT-04 Nos. *(WITH BREACHING SYSTEM)* page No.75

TECHNICAL SPECIFICATIONS	Accept	Deviation
PRE-QUALIFICATION REQUIREMENTS		
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.		

Be read as

TECHNICAL SPECIFICATIONS	Accept	Deviation
PRE-QUALIFICATION REQUIREMENTS 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 World. P.O. copies to be submitted with offer. Authorization letter & Original catalog from manufacturer to be enclosed.		

CORRECTIONS ISSUED:

(1). Pl. Refer Tender Notification XXII-FS(T)-250-2013 dated 26-11-2013 LIFE DETECTOR (ACOUSTIC BASE)- 02 Nos. page No.91&92

	Accept	Deviation
<ul style="list-style-type: none"> 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. 		
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.		
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.		
Transport casing Two cases, all parts fixed in supports One: Approx. 600x400x 250mm(Weight within 25 kg) Second: Approx. 600x400x340mm (Weight: within 30 kg)		

Be read as**LIFE DETECTOR (ACOUSTIC BASE)- 02 Nos.**

	Accept	Deviation
<ul style="list-style-type: none"> For internal power supply the detector should require four Rechargeable 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. 		
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. (If wireless sensors to be provided it should be 3 wireless & 3 wired. Then cables to be required shall be 3x5m & 1x20m)		
Power supply 4 Rechargeable 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.		
Transport casing Two cases, all parts fixed in supports One: Approx .600x 400x250mm(Weight within 25 kg) Second: Approx. 600x400x340mm (Weight: within 30 kg) (If wireless sensors to be provided it should be 3 wireless & 3 wired. Then one case also be accepted.		

Note: Detail Technical Specification & other requirement are available at U.P. Police website <http://uppolice.up.nic.in>

(अरविन्द कुमार)

संयुक्त नि

नि० अपर पुलिस

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