

TENDER DOCUMENT

AMC of Fire Alarm systems installed at CDS, 132 KV Substation, New Blade Shop-Phase-1&2, Phase-3 and Phase-4, in BHEL, HEEP, Hardwar

NIT No.: 03/WEX/ESX/AMC/FAS/13-14

Dated : 05.04.2013

**BHARAT HEAVY ELECTRICALS LIMITED,
HEEP, RANIPUR, HARIDWAR-249403.**

**BHARAT HEAVY ELECTRICALS LIMITED,
HEEP, RANIPUR, HARIDWAR.**

NIT No.: 03/WEX/ESX/AMC/FAS/13-14

Dated : 05.04.2013

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BHARTAT HEAVY ELECTRICALS LIMITED, HEEP, RANIPUR, HARDWAR-249403. (UA)

OFFICE OF Manager (WEX-ESX),

Phone : 01334-285588, 7830701100, Fax No.: 01334-226460.

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TENDER NOTICE

Open Tender in Sealed envelope are invited for “**AMC of Fire Alarm systems installed at CDS, 132 KV Substation, New Blade Shop-Phase-1&2, Phase-3 and Phase-4 in BHEL HEEP, Hardwar**” in two part bids (i) Techno-Commercial Bid and (ii) Price Bid through registered post/ courier/ by hand **up to 01:45 PM on dated: 26.04.2013** in the tender box kept in the Tender Room of Purchase Department at the 4th floor of the Main Administrative Building of BHEL, HEEP Hardwar.

Last date of receipt of filled Tender in all respect : 26.04.2013 up to 01.45 PM
Date of opening of Tender : 26.04.2013 at 02.00 PM
Place of opening of Tender : Tender Room of Purchase Department
 at the 4th floor of the Main Administrative Building of BHEL, HEEP Hardwar

NIT No. & Date	Name of work	Estimated Cost of work (Rs.)	Earnest Money (Rs.)	Period of Contract	Tender Cost (Rs)
NIT No.: 03/WEX/ES X/AMC/FAS/13-14 Dated: 05.04.2013	Annual Maintenance Contract for Fire Alarm systems installed at CDS, 132 KV Substation, New Blade Shop-Phase-1&2, Phase-3 and Phase-4 in BHEL HEEP, Hardwar.	Rs. 4.26 Lakhs	Rs. 10000.00	01 Year	Rs. 250.00

Engineer (WEX-ESX)

Signature of the Contractor

NIT No.: 03/WEX/ESX/AMC/FAS/13-14

Dated : 05.04.2013

Name of Work :- Annual Maintenance Contract for Fire Alarm systems installed at at CDS, 132 KV Substation, New Blade Shop-Phase-1&2, Phase-3 and Phase-4 in BHEL HEEP, Hardwar.

INSTRUCTIONS :-

1. Tender shall be submitted in two parts i.e. (i) Techno-Commercial Bid and (ii) Price Bid. Both these bids shall be sealed in a separate envelope, (i) Super scribing Techno-commercials Bid with NIT No & name of contractor and (ii) Super scribing with Price bid with NIT No & name of contractor. Both these envelopes shall be sealed in third envelope super scribed with NIT No., name of contractor and name of work.
2. **Tender cost of Rs. 250/= shall be submitted** in the form of Bank Draft of any nationalized Bank in favour of Accounts Officer (Finance), HEEP, BHEL, Ranipur, Haridwar and should be kept in the Techno-Commercial Bid envelop.
3. **Earnest Money for Rs. 10000/= shall be submitted** in the form of Bank Draft of any nationalized Bank in favour of Accounts Officer (Finance), HEEP, BHEL, Ranipur, Haridwar payable at Haridwar and shall be placed in the Techno-Commercial Bid envelope
4. The contractor shall sign each page of tender document set along with their seal.
5. The rates must be quoted in figures as well as in words.
6. Tenders, which are not received in the above manner, shall be rejected.
7. Only Techno-Commercial Bid shall be opened on **26.04.2013** at 2.00 PM in the presence of interested authorized representatives of the parties available at the time of opening of the tender. Price Bid shall be opened on a later date with intimation to successful parties who are found technically qualified.

Engineer (WEX-ESX)

Signature of the Contractor

NIT No.: 03/WEX/ESX/AMC/FAS/13-14

Dated : 05.04.2013

QUALIFYING CRITERIA

Name of Work :- Annual Maintenance Contract for Fire Alarm systems installed at at CDS, 132 KV Substation, New Blade Shop-Phase-1&2, Phase-3 and Phase-4 in BHEL HEEP, Hardwar.

1. Average Annual financial turnover during the last 3 years ending 31st March 2012, should be at least Rs. 1.41 Lakhs. Balance sheets for the last 03 consecutive financial years ending 31st March 2012 should be provided by the bidder
2. The bidder should have executed either of the following similar jobs (AMC of Fire Alarm System) in the last 3 years. Copies of Purchase Order/Work Order to be provide by the bidder.
 - a. Three similar completed works costing not less than the amount equal to Rs. 1.80 Lakhs.
OR
 - b. Two similar completed works costing not less than the amount equal to Rs. 2.20 Lakhs.
OR
 - c. One similar completed work costing not less than the amount equal to Rs. 3.40 Lakhs.

Engineer (WEX-ESX)

Signature of the Contractor

NIT No.: 03/WEX/ESX/AMC/FAS/13-14**Dated : 05.04.2013****Priced Bid****Name of Work : Annual Maintenance Contract for Fire Alarm systems installed at at CDS, 132 KV Substation, New Blade Shop-Phase-1&2, Phase-3 and Phase-4 in BHEL HEEP, Hardwar.**

Estimated Cost : Rs. 4.26 Lacs.

Period of contract : 01 Year

Earnest Money: Rs.10000.00

Cost of Tender : Rs. 250.00

Date of opening of techno-commercial offer: - 26.04.2013

Sl. No.	Description of Items installed	Rate per Month (in Rs.)	Amount for One Year (in Rs.)
1.	NBS Phase-1 & 2:- Intelligent addressable type analogue fire alarm and detection system with 18 Heat detectors, 24 Ionization Smoke detectors and 4 nos. Beam Detectors, Control panels, cabling, Repeater panel etc.		
2.	NBS Phase-3:- Intelligent addressable type analogue fire alarm and detection system with 15 Ionization Smoke detectors and 3 nos. Beam Detectors, Control panels, cabling etc.		
3.	NBS Phase-4:- Intelligent addressable type analogue fire alarm and detection system with 18 Heat detectors, 24 Ionization Smoke detectors and 4 nos. Beam Detectors, Control panels, cabling etc.		
4.	CDS:- Conventional type automatic systems comprises over ground and underground sensors system with 18 Heat detectors, 78 Ionization Smoke detectors, Control panels, cabling etc.		
5.	132 KV S/S:- Conventional type fire detection and alarm panels / systems cover the building of 132KVA comprises ground and first floor system with 12 Optical Smoke detectors, Control panels, cabling etc.		
		Total	

SIGNATURE OF CONTRACTOR

Engineer (WEX-ESX)

**** Note : Priced Bid shall be placed in a separate envelope.**

**BHARAT HEAVY ELECTRICALS LTD., HARDWAR
(WEX-SERVICES)**

NIT No.: 03/WEX/ESX/AMC/FAS/13-14

Dated : 05.04.2013

SCOPE OF WORK

NAME OF WORK: Annual Maintenance Contract for Fire Alarm systems installed at at CDS, 132 KV Substation, New Blade Shop-Phase-1&2, Phase-3 and Phase-4 in BHEL HEEP, Hardwar.

Annual Maintenance of fire alarm and detection system for one year on comprehensive basis that includes repair/and replacement of all defective electronic minor accessories of panels, devices & modules repeater panels and sensors.

1. **NBS phase-1:** Intelligent addressable type analogue fire alarm and detection system with 18 Heat detectors, 24 Ionization Smoke detectors and 4 nos. Beam Detectors, Control panels, cabling, Repeater panel etc.
2. **NBS Phase-3:-** Intelligent addressable type analogue fire alarm and detection system with 15 Ionization Smoke detectors and 3 nos. Beam Detectors, Control panels, cabling etc.
3. **NBS Phase-4:-** Intelligent addressable type analogue fire alarm and detection system with 18 Heat detectors, 24 Ionization Smoke detectors and 4 nos. Beam Detectors, Control panels, cabling etc.
4. **CDS:** Conventional type automatic systems comprises over ground and underground sensors system with 18 Heat detectors, 78 Ionization Smoke detectors, Control panels, cabling etc.
5. **132 KV Substation:** Conventional type fire detection and alarm panels / systems cover the building of 132KVA comprises ground and first floor system with 12 Optical Smoke detectors, Control panels, cabling etc.

Monthly checks/visit:

Party shall visit the site every month and carry out following work:

- a. Checking of complete system including all detectors (Heat ,Ionization, Beam etc) along with department & CISF(Fire) representative for healthiness of the system and their repairing if required.
- b. Checking of zonal circuits in each position of smoke detection system and their repairing if required.
- c. Checking of external sounders and audio/visual alarm and manual call point and their repairing if required.
- d. Checking of supply levels.
- e. Rectification of fault if occurs in fire alarm system.
- f. Checking of continuity of cables and their repairing if required.
- g. Submission of test report on monthly basis.

Quarterly Checks:

- a. Functional testing of smoke/optical/Beam detector in each zone.
- b. Cleaning of detectors with the help of air blower.

Engineer (WEX-ESX)

SIGNATURE OF CONTRACTOR

2. **Acceptance:** Acceptance shall be given after successful execution of work.

3. **General Terms & Conditions:**

- 3.1 Party shall maintain the Fire alarm system as per original specification of such systems.
- 3.2 Party shall make at least one visit per month and attend all breakdown calls within 24 hours from receipt of complaint. Party shall prepare their service/repair report accordingly and get it signed by BHEL and CISF (Fire) representatives
- 3.3 Vendor shall submit compliance statement point wise to our specification.
- 3.4 Vendors are advised to visit the site before giving the offer to assess the actual site conditions.
- 3.5 **Any Material and service not specified in scope of supply but required at the time of execution of work shall be provided by the vendor free of charge.**
- 3.6 Vendor shall bring all tools and testing equipment with them during execution of work
- 3.7 All necessary precautions regarding safety & environmental aspects shall be taken care by the party.
- 3.8 Any damage to the equipment on account of negligence during maintenance shall be responsibility of party.
- 3.9 Any dispute or difference arising under, out of or in connection with the contract shall be subject to the exclusive Jurisdiction of the court of Hardwar.
- 3.10 Party will have to sign a Contract Agreement and Indemnity Bond on Non Judicial Stamp Paper of Rs. 100/= respectively after getting work order from HEEP, BHEL, Haridwar
- 3.11 Party shall submit copies of valid Sales Tax registration and partnership deed if any along with tender.
- 3.12 All other General Terms and Conditions of BHEL will also be applicable to this contract.

Engineer (WEX-ESX)

SIGNATURE OF CONTRACTOR