



Bharat Heavy Electricals Limited

ITX, HEEP, RANIPUR, HARIDWAR-249403 (Uttarakhand, India)
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HW/ITX/2/1384

July 22, 2016

Subject: AMC of Fire Alarm System installed in ITX Building and Integration of DR Data Center with ITX Fire Alarm System

Sir,

1. In BHEL, Haridwar, fire alarm system is installed in ITX building and its repeater panel at CISF fire station for giving alarm in case of fire in ITX. Fire Alarm system is in use and critical for smooth business functioning, it has been planned to cover this system under annual maintenance contract. In addition to this DR Data Center has to be integrated with ITX fire Alarm System. For integration of DR Data center with ITX fire alarm system cable have to be laid between DR Data Center and ITX building. List of hardware to be covered under AMC and details about supply, installation, commissioning, termination, testing and integration of DR Data Center is given in Annexure-II. Scope of work has been defined in annexure III.

The tender document comprises of following:

Annexure I	Technical PQR Compliance Sheet
Annexure II	List of hardware to be covered under AMC and details about supply of items/services
Annexure III	Scope of works and terms & conditions
Annexure IV	Format of Certificate by Chartered Accountant on letter head
Annexure V	Price Bid Format

2. You are requested to submit techno-commercial offer in two parts as per the scope of work indicated therein. The tender offer should be sealed in two separate envelopes with 'Technical bid' / 'Price bid', tender no., opening date duly super scribed on the envelopes.
3. The technical bid envelope should enclose your technical offer comprising Technical PQR Compliance Sheet (Annexure I), Scope of Works and Terms and conditions (Annexure-III), duly signed/stamped and unpriced bid (without prices) as per Annexure-V. **All documents/certificates / data sheets required as per Annexure-I must be submitted in the Technical bid.** The EMD will also be submitted alongwith this part of bid.
4. Vendor must meet prequalification criteria as per Annexure-I. The offers not meeting these criteria will not be evaluated further and will be rejected summarily.
5. The commercial bid envelope should enclose Price bid (As per format in Annexure V) only

6. The technical bids will be opened on the last day of submission of the offers at 2.00 P.M. in the presence of the tenderers or their authorized representatives who may like to be present. Incomplete offers are liable to be rejected.
7. The terms and conditions given at Annexure-III will be adhered to by the tenderer. Please do not remain silent on any point and if you are not accepting any terms/condition please clearly state so. Any deviation/remarks should be clearly specified by the tenderer in separate sheets.
8. You are required to submit authorization letter from OEM of Fire Alarm System alongwith technical bid.
9. Earnest money of Rs. 10,000/- in the form of demand draft in favour of BHEL, Haridwar or cash deposit (to the extent admissible in Income Tax Act) with Accounts officer, BHEL, Ranipur, Haridwar is to be furnished with the tender offer. BHEL reserves the right to reject any or all tenders without assigning any reason there- of.
10. The offers in sealed envelopes (as stated in para-2 above) should be submitted latest by **1.45 P.M. on 12/08/2016** at the following address:

**Head of Material Management
Heavy Electricals Equipment Plant
Bharat Heavy Electricals Limited
Ranipur Haridwar (Uttarakhand)
PIN – 249403**

IMPORTANT: Any vagueness / incomplete detail in the offers shall make it liable to be rejected as these shortcomings in the offers shall be interpreted as incompetence on the part of vendor to meet the requirements of BHEL.

Checklist for submitting the bid is as under:

To be submitted with Technical Bid

Sl.	Annexure	Description	Remarks
1	--	Your Technical Offer	
2	Annexure I	Technical PQR Compliance Sheet	Signed and Sealed copy
3	Annexure III	Scope of works and Standard Terms & Conditions	Signed and Sealed copy
4	Annexure IV	Valid Certificates as per clause 15.e of annexure-III	If applicable
5	Annexure V	Unpriced Bid	Mention tax rates without price
6		Earnest Money Deposit (EMD)	
7		Authorization Letter from OEM	

To be submitted with Price Bid:

Sl.	Annexure	Description	Remarks
1	Annexure V	Price Bid	In a separate sealed envelope

Thanking you,

Yours faithfully,

(Ajai Pal Singh)
Manager/ITX



Annexure I Technical Pre-qualification Compliance Sheet		
Sr. No	Description	Compliance (Y/N)
1.	<p>The Bidder should have successfully executed Intelligent Fire Detection Alarm System projects during last 7 years, ending June 30, 2016 , in any one of the following:</p> <p style="padding-left: 40px;">a. One contract for supply and installation or AMC of Value Rs. 3.44 Lacs or more</p> <p style="text-align: center;">Or</p> <p style="padding-left: 40px;">b. Two contracts for supply and installation or AMC of Value Rs. 2.15 Lacs or more</p> <p style="text-align: center;">Or</p> <p style="padding-left: 40px;">c. Three contracts for supply and installation or AMC of Value Rs. 1.7 Lacs or more</p> <p>Proof of Supply orders / AMC orders and completion certificate as applicable having the full customer detail & address is to be submitted.</p>	
2.	Authorization letter from OEM of Fire Alarm System i.e. Honeywell specific to this tender.	



Information Technology Centre
Bharat Heavy Electricals Limited, HEEP, Ranipur, Haridwar-249403
NIT Ref: HW/ITX/2/1384 Date: 22.07.2016

Annexure II

List of Hardware

Sl. No.	Hardware List 1 - Items Under Comprehensive Maintenance	Units	Quantity
1	Intelligent Addressable Type Two Loop Fire Alarm Control Panel DX Type, Morley IAS Make, Model DX2E-40M	Nos.	1
2	Repeater Panel Morley IAS at fire Station Model no. ZXR-A	Nos.	1
3	High Intensity Electronic Hooter	Nos.	4
4	Manual Call Points	Nos.	4
5	Ionization Smoke Detectors	Nos.	17
6	Optical Smoke Detectors	Nos.	70
7	Auto Dialer	Nos.	1
8	Line isolator	Nos.	4
9	Relay Module	Nos.	5
10	Response Indicators	Nos.	29
Hardware List 2 - List of Items for Supply/Services			
11	Optical Smoke Detectors Morley IAS make Model:MOFMIB501APIV	Nos	25
12	12 V 7AH Batteries	Nos	2
13	Input Control Module Morley IAS make Model:MOFMIDMMI including supply, installation, commissioning, and testing and integration with present Fire Alarm System	Nos	1
14	Laying of 4x1.5 sqmm Armored Copper Fire Alarm Cable including installation, commissioning, termination, testing, joints. Copper Fire Alarm Cable will be provided by BHEL	Meter	800
15	Cutting of of Hard/Soft surface, digging of trench 300X800MM, laying of bricks, GI conduit, Communication cable through GI conduit, sand and refilling of trench	Meter	30



TERMS & CONDITIONS

a) SCOPE OF WORK

a. Comprehensive Annual Maintenance Contract (AMC) of following Items:

- i. Intelligent Addressable Type Two Loop Fire Alarm Control Panel DX Type, Morley IAS Make – 1 Nos.
- ii. Repeater panel at fire station – 1 Nos.
- iii. High intensity electronic hooter – 4 Nos.
- iv. Manual call point - 4 Nos
- v. Ionization smoke detector - 17 Nos
- vi. Optical smoke detector - 70 Nos
- vii. Auto dialer – 1 Nos
- viii. Line isolator – 4 Nos
- ix. Relay module – 5 Nos
- x. Response indicator – 29 Nos
- xi. 12V 7AH Batteries – 2 Nos

b. Laying, Installation, Testing and Commissioning of 4x1.5 sq mm Core Armored Copper fire Alarm communication cable for integration of DR Data center fire alarm to ITX building including joints - 800 Meters

Main control panel and repeater panel is connected through 4 core armored communication cable. DR Data center has to be integrated with ITX Fire Alarm System using input control module.

c. Detailed Maintenance Activity Schedule

- i) During the AMC period, a compulsory preventive maintenance visit shall be done by service engineer every month.
- ii) Check the normal functioning of main fire control panel and repeater panel.



- iii) Rectification / Repair of faults if found in control panels/repeater panel including but not limited to electronic circuits, LCD, batteries, internal wiring etc. without any cost to BHEL.
- iv) Check the continuity of communication cable between main fire control panel and repeater panel and transmission of fire/fault message to repeater panel at BHEL Fire Station.
- v) Functional test of all ionization and optical detectors by giving heat/smoke to each and every detector in a way to complete the test cycle every 90 days for all detectors i.e. 4 times in a year.
- vi) Cleaning of all detectors with the help of air blower. Clean cycle shall be 90 days i.e. 4 times in a year.
- vii) Checking the zonal circuit in each position i.e open/short.
- viii) Checking of all LEDs, MCP and sounders/Audio visual alarm.
- ix) Checking operation of all manual call points
- x) Checking operation battery supply and its terminal.
- xi) Verification of all internal programming and operation of fire panel.
- xii) Servicing of fire alarm control panels and repeater panels.
- xiii) Engineer shall also check for healthiness of the Equipment.

2. GENERAL

- a. The maintenance contract will be for the period of two years. No escalation of cost, due to any reason, will be admissible during this period. The payment for AMC charges will be made quarterly, at the end of the quarter.
- b. Successful vendor shall enter into AMC agreement with BHEL on non-judicial stamp paper of required value as per extant rules, at their own cost.
- c. The vendor should fulfill all statutory and safety requirements for personnel engaged while executing the contract. If BHEL has to incur any expenditure due to non-compliance of the applicable statutory provisions, the same will be compensated by the vendor.
- d. After integration of DR Data Center fire alarm system, this setup will be part of AMC.

3. TENDER EVALUATION:



- a. After the process of Technical Bid evaluation, Price Bid opening will be done for all technically qualified vendors.
- b. The valuation will be on the basis of delivered cost i.e. “total cost to BHEL”.
- c. Vendor has to quote for all items in the Price Bid (Annexure – V).

4. DELIVERY

One time supply of detectors, input control module and laying, termination, integration of DR data center shall be delivered, installed, tested and commissioned within 8 weeks of placement of order. BHEL reserves the right to ask for delayed delivery.

5. UPTIME REQUIREMENT

- a. Response time will be 4 hours and resolution time will be 48 hours from the time of call logging.
- b. Normal maintenance coverage will be for prime shift (Monday to Saturday 8 AM to 5 PM). However, maintenance coverage shall be provided on call basis after the prime shift, if required.
- c. The vendor shall be responsible for optimum uptime of 98%. The downtime penalty will be deducted proportionate to the charges for unresolved issues beyond 48 hours.
- d. The vendor shall keep the necessary spare parts to ensure smooth and trouble free maintenance service.

6. VALIDITY OF OFFER:

Offer shall be valid for four months from tender opening date.

7. CLAIMS

All the claims etc. lodged with the underwriters, if any, shall be dealt with by the vendor directly.

8. LIMITATION OF LIABILITY

The vendor's / Lessor's liability will be limited to the scope of this contract only.



9. ARBITRATION

In all cases of disputes emanating from and in references to this agreement the matter shall be referred to the arbitration. All disputes or differences between the parties will be resolved through arbitration governed by Arbitration & Conciliation Act 1996 as amended from time to time. The venue of arbitrator shall be Haridwar only.

10. JURISDICTION

All disputes or differences arising out of, under or in connection with this contract shall be subject to the exclusive jurisdiction of the courts having jurisdiction over BHEL, Ranipur, Haridwar.

11. GOVERNING LAW

This contract shall be governed in all respects by Indian law.

12. FORCE MAJEURE

Neither BHEL nor the vendor shall be responsible for delays/failures in performance resulting from acts beyond the control of either. Such acts shall include but not be limited to acts of God, strikes, lockouts, riots, acts of war, epidemics, governmental regulations superimposed after the agreement, fire, earthquakes or other such disasters.

13. LIMITATION OF LIABILITY

The vendor's / Lessor's liability will be limited to the scope / order value of this contract **only**.

14. SECURITY DEPOSIT

The security deposit of the value of 10% of maintenance charges will be furnished at the start of works. The Security may be furnished in any of the following forms:

- i) Cash(as permissible under the Income Tax Act)
- ii) Pay Order, Demand draft in favor of BHEL.
- iii) Local cheque of scheduled banks, subject to realization.
- iv) Securities available from post offices such as NSC, Kisan Vikas duly pledged in favor of BHEL at the back.
- v) Bank Guarantee from scheduled bank/public financial institutions subject to maximum 50% of total security deposit.



- vi) FDR issued by scheduled bank /public financial institutions discharged in favor of BHEL.
- vii) It can also be recovered at the rate of 10% from running bills subject to 50% deposit at the start.

15. Earnest Money Deposit (EMD)

- a. EMD is to be deposited by vendor as per tender document.
- b. EMD given by unsuccessful tenderers shall be refunded normally within fifteen days of acceptance of award of work by the successful tenderer.
- c. EMD shall not carry any interest.
- d. EMD by the Tenderer will be forfeited as per Tender Documents if:
 - 1. After opening the tender, the tenderer revokes his tender within the validity period or increases his earlier quoted rates.
 - 2. The tenderer does not commence the work within the period as per LOI/Contract.
- e. MSEs (Micro and Small Enterprises) are exempted from payment of Earnest Money Deposit (EMD). Note: MSE suppliers can avail the intended benefits only if they submit along with offer, attested copies of either EM II certificate having deemed validity (Five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of CA certificate (format enclosed as per annexure-V where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bids at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted Officer.

16. TERMINATION

- a) BHEL reserves the right to terminate the AMC contract either whole or in part before expiry of two years AMC. BHEL shall give one month's notice to vendor in this regard. No AMC charges shall be payable to vendor from the date of termination of AMC.
- b) In case AMC is partially terminated for some equipment / hardware, vendor shall continue to provide AMC for rest of the hardware / equipment according to terms &



conditions of this contract. Payment for AMC of remaining covered hardware / equipment shall continue according to terms & conditions of this contract.

- c) The vendor will give at least one month notice prior to discontinuation of the maintenance service due to obsolesce / non availability of the spare parts etc.

17. INFORMATION SECURITY REQUIREMENTS

BHEL Haridwar has implemented Information Security Management System (ISMS) and has taken certificate for the same based on ISO 27001 standard.

BHEL Information Security Policy is as follows:

“BHEL is committed to ensure Integrity, Confidentiality, Availability and Security of it information at all times for serving the needs of the organization in line with its Vision, Mission & Values while meeting all regulatory requirements.”

In line with the ISMS requirements, vendor and its staff shall ensure the protection of BHEL information assets / information processing facilities at all times with respect to confidentiality, integrity and availability.

The vendor / personnel deputed by vendor shall comply with following requirements:

- Personnel deputed by vendor shall follow the ISMS system requirements.
- Personnel deputed by vendor shall present his / her identity proof to BHEL for getting proper authorization from BHEL. He/she shall not enter into BHEL premises without proper authorization.
- Vendor and personnel deputed by vendor shall sign Non-Disclosure Agreement (NDA) in the specified format of BHEL Haridwar.
- When allowed by proper authority, he / she shall work in secure area only in the presence of BHEL staff.
- If he /she has to work on any server / network device in secure area, the work shall only be allowed in presence of system administrator or any other person authorised by ITX.
- He / she shall maintain and service only those equipment which comes under his /her scope of contract.
- Vendor / personnel deputed by vendor shall ensure the return or destruction of information / data at the end of lease agreement and as and when required.
- Access to information assets, which is not explicitly authorized, shall be treated as forbidden.
- Any information security incident and / or security breaches shall be immediately reported to BHEL.

In case of any violation of the above, it will amount to non-fulfillment of terms & conditions of the contract.

Certificate by Chartered Accountant on letter head

This is to Certify that M/S,
(hereinafter referred to as 'company') having its registered office at,
is registered under MSMED Act 2006, (Entrepreneur
Memorandum No (Part-II) dtd:.....,
Category: (Micro/Small)). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the latest audited financial year as per MSMED Act 2006 is as follows:

1. **For Manufacturing Enterprises:** Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No.S.O.1722(E) dated October 5, 2006 :
Rs.....Lacs
2. **For Service Enterprises:** Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act, 2006:
Rs.....Lacs

(Strike off whichever is not applicable)

The above investment of Rs.....Lacs is within permissible limit of Rs.....Lacs forMicro / Small (Strike off which is not applicable) Category under MSMED Act 2006.

Or

The company has been graduated from its original category (Micro/ Small) (Strike off which is not applicable) and the date of graduation of such enterprise from its original category is (dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprise from its original category as notified vide S.O. No. 3322(E) dated 01.11.2013 published in the gazette notification dated 04.11.2013 by Ministry of MSME.

Date:

(Signature)

Name -

Membership number -

Seal of Chartered Accountant



Price Bid

- Note:**
1. All values are to be quoted in Indian Rupees
 2. The comparative statement will be made by adding total AMC charges for two years and one time charges for supply/ services
 3. All taxes will be included in comparative sheet except service tax.

Hardware List 1 - Items Under Comprehensive Maintenance

Sl. No.	List of Items	Unit	Qty	Unit AMC Price for one year including all taxes except service tax	Total AMC Prices for TWO years including all taxes except service tax
	A	B	C	D	E=CxDx2
1	Intelligent Addressable Type Two Loop Fire Alarm Control Panel DX Type, Morley IAS Make, Model DX2E-40M	Nos.	1		
2	Repeater Panel Morley IAS at fire Station Model no. ZXR-A	Nos.	1		
3	High Intensity electronic hooter	Nos.	4		
4	Manual Call Points	Nos.	4		
5	Ionization smoke detectors	Nos.	17		
6	Optical Smoke Detectors	Nos.	70		
7	Auto Dialer	Nos.	1		
8	Line isolator	Nos.	4		
9	Relay Module	Nos.	5		
10	response indicators	Nos.	29		
				Total(T1)	
	Mention Service Tax Rates				

Hardware List 2 - List of Items for Supply/Services

	List of Items	Unit	Qty	Unit One Time Charges (Inclusive of all taxes except service tax)	Total One Time Charges (Inclusive of all taxes except service tax)
	A	B	C	D	E=CxD
11	Optical Smoke Detectors Morley IAS make Model:MOFMIB501APIV	Nos	25		
12	12 V 7AH Batteries	Nos	2		
13	Input Control Module Morley IAS make Model:MOFMIDMMI including supply, installation, commissioning, and testing and integration with present Fire Alarm System	Nos	1		
14	Laying of 4x1.5 sqmm Armored Copper Fire Alarm Cable including installation, commissioning, termination, testing, joints. Copper Fire Alarm Cable will be provided by BHEL	Meter	800		
15	Cutting of of Hard/Soft surface, digging of trench 300X800MM, laying of bricks, GI conduit, Communication cable through GI conduit, sand and refilling of trench	Meter	30		
				Total(T2)	
				Grand Total(T1+T2)	
	Mention Service Tax Rates				