

Notice Inviting Quotation for the work of ANNUAL MAINTENANCE OF the working FIRE DETECTION ALARM SYSTEMS

- 1. Existing Fire Detection Alarm System (Addressable type) – 1 no.**
- 2. FDAS (Conventional type) - 2 nos.**

Sealed quotations are invited from experienced contractors/firms to execute the Annual maintenance work for the period of one year for the existing working FDA systems detailed below:

Fire Detection Alarm System Addressable type (five loops, Morley IAS):

SCIENCE VOYAGE HALL (Four loops) and UTILITY BUILDING (One loop)

Total approximate devices 350 nos. connected with the panel.

Fire Detection Alarm System Conventional Type:

(Make system sensor)

There is provision of conventional type Fire Detection Alarm System in the following buildings:

Convention Hall : 4 zone used, 2 zone spare (Total approx. 35 devices)

Science Explorium Building : 4 zone used, 2 zone spare (Total approx. 50 devices)

It is desired that maintenance for one year will be provided by the firm to keep the above systems healthy through out the year. This includes the maintenance charges for updated fire alarm system as a whole consisting fire alarm panels, smoke detectors, beam detectors, heat detectors and manual call points etc.

Scope of work

Regular monthly maintenance

Check proper functioning and operations of the main control panel and its detectors etc.

Checking for proper operations of the complete systems on battery backup by simulating mains power failure.

Performance check for the fault signal, if any.

Performance check for the alarm devices.

Performance check of the external alarm/hooters.

Performance check of the manual call boxes.

Quarterly maintenance

Testing of detectors in each zone for its performance

Performance check of response indicators

Cleaning and performance test of all detectors.

Performance check of automatic fire control panels.

Complete Overhauling of the control panel.

NOTE: OTHER THAN MONTHLY VISIT, UNLIMITED EMERGENCY CALLS WILL BE ENTERTAINED TO KEEP THE SYSTEM ROUND THE YEAR HEALTHY. A proper log book shall be maintained for the visits made to attend the work at site by the contractor and shall be furnished along with bill for payment.

During work if it is found any detector/component is defective, it will have to be replaced with new one, for which the payment shall be made by PGSC against **supply** only as stated below. The replaced items shall bear the warranty /guarantee for one year from the date of supply.

The contractor shall be bound to carry out the work in accordance with any instructions which may be given to him in writing, signed by the Engineer-in-Charge. Such alternations/additions or substitutions shall not invalidate the contract any altered, additional or substituted work shall be carried out by the contractor on the same conditions in all respects on which he agreed to the main work and the same rates as are specified in tender for the main work. The rates for such additional altered or substituted work shall be determined in accordance with the following provisions in their respective order:-

If the rates for the altered, additional or substituted work cannot be determined in the manner specified then the contractor shall within 7 days of the date of his receipt of the order to carryout the work inform the Engineer-in-Charge of the rate or rates which he may intends to charge for such class of work supported by analysis of the rate in support of rates/claimed. The Engineer-in-Charge shall determine the rate on the basis of prevalent market rates plus 15% contractor's profit and overhead charges and pay the contractor accordingly.

COMMERCIAL BID

S.No.	Description of work	Unit	Amount
	Five loop Addressable type Fire Detection Alarm System(Morley)— 1 No.		
1	Cleaning of existing Five loops systems detectors , MCPs, line cleaning and testing of devices and to keep the system operational in all respects with the panel etc. includes labour charges for replacing faulty devices, if any.	Job	
	Fire Detection Alarm Systems (2nos,) Conventional Type	Job	
2	To keep both the systems functional in all respects after cleaning and calibration of all beam detectors, smoke/heat detectors, hooters, MCPs and zone marking etc. includes labour charges for replacing faulty devices, if any.	job	
	Total		
Note	If there is any difference in the amount in figures and words, the one in words shall prevail.		

In words:

Terms and conditions:

(1) The sealed quotations shall be received at PGSC, Kapurthala up to 2:30 pm on **18.07.2017** and opened on the same day at 3:00 pm in the presence of the bidders or their representatives who may like to be present.

(2) Earnest Money amounting to 10% of the total cost quoted by the contractor must be furnished in the form of Demand Draft of Schedule Bank in favour of Pushpa Gujral Science City, payable at Kapurthala and enclosed with the sealed quotation. Any bid not accompanied with requisite earnest money in acceptable form shall be rejected. Bid shall not be opened without the receipt of Earnest Money. The EMD of successful bidder shall be converted into security deposit and no interest shall be payable on this amount.

This amount can be used by PGSC under specific reasons to avoid the delay for removing any defects by firm and to keep the systems in working order.

(3) Before filling his tender the contractor shall visit the site and satisfy himself as to the conditions prevalent there especially regarding accessibility to the site, nature and extent of the ground, working conditions, stacking of materials, installation or tools, plants etc. accommodation and movement of labour. Supply of water and power for satisfactory completion of the works contract will be supplied

free of cost by PGSC. No. claim, whatsoever on such accounts shall be entertained by the PGSC in any circumstances.

(4) Payment shall be made on quarterly basis on submission of bills to PGSC.

(5) The Contractor shall arrange and supply at his own cost all materials: Plant, tools, applications, implements, ladders, cordage tackle, scaffoldings etc. for effective execution of the work.

(6) The rates as offered and accepted in this contract are inclusive of all taxes and statutory levies such as Income tax, GST tax, service tax etc. & any other taxes levied by the Govt. from time to time..

(a) INCOME TAX

Income tax shall be deducted at source as per provisions of the Income tax Act and a certificate of such deduction made in each financial year shall be furnished to the contractor by the disbursing officer.

(b) VAT AND OTHER TAXES

Vat and any other tax shall also be deducted from the bills of the contractor as per rules.

(c) LOCAL LAW AND LEVIES

The contractor shall comply with the proper bylaws and legal orders of the locals body or public authority under the jurisdiction of which the works is executed and pay all fees and charges for which he may be liable. Nothing extra shall be payable on this account.

(7) In the event of any disputes, differences or controversies, arises between the parties hereto, out of or in connection with the terms and conditions of this order, or any action taken hereunder, the parties shall explore the possibilities for an amicable settlement. In case, amicable settlement could not be reached, such dispute, differences controversies shall be settled by Arbitration. The arbitrator will be appointed by Director General - PGSC, whose decision shall be binding on both the parties. The venue of such arbitration and all the other jurisdiction shall be at Kapurthala.

(8) It is requested to enclose the duly signed copy of this NIQ along with your letter.

(9) The name of work is to be mentioned on the sealed envelope.

Electrical Engineer, PGSC

Signature of bidder with seal