

SIC/HO/ADMN/STP/FIRE ALARM/1(12)/06-10

Dt: March 19, 2012

To,

Sub: -Annual Maintenance Contract of the-" Fire Alarm, Fire Fighting system and Sprinkler System at NSIC-STP Complex & NSIC Bhawan basement" at Okhla, New Delhi-20 Without spares.

Dear Sir,

You are requested to submit your most competitive rates for the Annual Maintenance Contract of the- "Fire Alarm, Fire fighting system and Sprinkler System at NSIC-STP Complex & NSIC Bhawan basement" at Okhla Industrial Estate, New Delhi-20 as mentioned in **schedule of items, quantities & price (Annexure- A)** and as per terms and conditions mentioned below. The completed Tenders in sealed covers, super scribed as "**Quotation for Annual Maintenance Contract of the- Fire Alarm, Fire fighting system and Sprinkler System at NSIC-STP Complex & NSIC Bhawan basement**" at Okhla, New Delhi-20, addressed to General Manager (Works) should reach this office on and before 29/03/2012 up to 3:00 PM and shall be opened on the same day at 3:30 PM. Quotations received after due date will not be considered.

Thanking You.

Yo urs Sincerely

M.A.Khan

CM (Works)

NSIC Ltd, New Delhi

Terms & Conditions

1. The tender should be accompanied with an earnest money deposit of Rs.10,000/- in the form of account payee demand draft in favour of “National Small Industries Co. Ltd”, payable at New Delhi. No Cheques are acceptable. Tenders without EMD will be summarily rejected.
2. The tenderer shall take into account basic price, cost of labour, T & P, taxes as applicable, conveyance / cartage etc. before quoting the rates. No extra claim what so ever in this regard shall be entertained. Parties are required to quote there Pan No., Tin No, Service Tax no. , ESI Code and PF Code.
3. The EMD deposited by the successful tenderer shall be converted into security deposit. The EMD of the rest of bidders will be refunded after award of the contract. Security deposit of the above work will be retained by the corporation and the same will be refunded after successful completion of the period of AMC as specified.
4. As per the AMC you are responsible for the maintenance of the “Fire Alarm, Fire fighting system & Sprinkler System installed at NSIC-STP Complex”. The fire alarm system & Fire fighting system are installed STP Main Building, While the sprinkler System is installed in NSIC-Bhawan basement only. The descriptions of the items covered in the AMC are given in Annexure-I.
5. The contract is for preventive as well as breakdown maintenance.
6. The tenderer should have minimum three years experience of similar nature of works. He will have to submit the relevant documents to proof his experience or else his tender will be rejected.
7. The tenderer may inspect the premises during office hours on any working day for getting acquainted before submitting the quotations. Non-familiarity with the site condition will not be considered a reason either for extra claims or for not carrying out the work.
8. Maintenance of all items mentioned in Annexure-I is the responsibility of the contractor. However any material required for replacement of faulty part/defective component during the maintenance/breakdown will be provided by the corporation. The labour charges etc for replacement/ rectification of the same are included in the scope of work.
9. NSIC reserves the right to reject all or any tender wholly or partly without assigning any reason whatsoever.

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10. The AMC shall be for one year and the corporation reserves the right to enter into AMC for another year on the same terms and conditions depending on the services rendered by the contractor.
11. Part tenders will be disqualified; the tenderer should quote for the complete scope of work. The validity of quotation should be 60 days from the date of opening of tenders.
12. The contractor has to carry out the preventive maintenance in every week on Saturday. The corporation shall deduct an amount of Rs. 500/- (Rupees Five Hundred Only) per Saturday, if the preventive maintenance is not carried out as per schedule. The complain/breakdown calls have to be attended within 6.00 hours positively. The contractor has to maintain a register for the periodical inspections, which have to be produced before officer in charge (Works) and carry out the checks as per the preventive maintenance schedules as per annexure II. The contractor should depute qualified/experienced technicians for carrying out the preventive maintenance work.
13. If the tenderer after award of work fails to undertake the job satisfactorily at any period of time or withdraws his services permanently or for more than three consecutive weeks, the corporation shall have right to cancel the contract and forfeit the security deposit/due amount without assigning any reason.
14. The payment shall be released on quarterly basis on successful competition of the respective quarter, against the bill provided by the party on due certification of satisfactory services by officer in charge (Works/Elect.). Statutory taxes like income tax, work contract tax/service tax etc. as applicable shall be deducted from the payment.
15. The tenderer must confirm their acceptance of the terms and conditions mentioned herein and the enclosed documents. Each page of the original tender document should be signed and returned back and this will form a part of the contract.

Thanking you,

Yours Truly,

M.A.Khan
CM (Works)
NSIC Ltd, New Delhi

Annexure "A"

FIRE ALARM SYSTEM & SPRINKLER SYSTEM AT
NSIC-STP COMPLEX AT OKHLA, NEW DELHI-20

S. NO	Description of work	Qty.	Amount (Rs.)(In Figure)	Amount (Rs.) (In words)
1.	Annual Maintenance Contract of the "Fire Alarm System" mentioned in annex.-I (A) without spares. The spares required for maintenance of the systems (including replacement for the defective parts) shall be provided by the Corporation. However, no labour charges for replacement/rectification are payable and are deemed to be included in the scope of work of AMC.	1 Job		
2.	Annual Maintenance Contract of the "Sprinkler System" mentioned in annex-1B (1 to 10) without spares. The required spares for maintenance of the system (including replacement for defective parts) shall be provided by the Corporation. However, the no labour charges for replacement/rectification are payable and are deemed to be included in the scope of work of AMC.	1 Job		

Rs.

AUTHORIZED SIGNATORY OF THE COMPANY WITH OFFICIAL SEAL

DESCRIPTION OF THE ITEMS TO BE MAINTAINED

(A). FIRE ALARM SYSTEM AT NSIC –STP COMPLEX

- | | |
|--|--------------------------|
| 1. Smoke Detectors | - 231 nos. (Apollo make) |
| 2. Response indicators | - 31 nos. |
| 3. Electronic hooters | - 12nos. |
| 4. Manual call point | - 11nos. |
| 5. Main control panel (6 zone) Make: Agni | - 1 nos. |
| 6. Main control panels (8 zone) Make: Agni | - 1 nos. |
| 7. Related cabling work | |

(B). Fire Fighting System & Sprinkler system at STP- BASEMENT

1. Monoblock pump & motor (5.0 h.p)
With fitting and electrical auto panel
Make: Kirloskar

2. Sluice Valve

150 mm	2 nos.
100 mm	5 nos.
80 mm	6 nos.
50 mm	2 nos.
25 mm	19 nos.

3. **N.R.V (Non- Returning Valve)**

150 mm	1 no.
100 mm	1 no
80 mm	1 no.

4. Pressure Vessel
With pressure gauge
1no

5. Pressure Gauge
2 nos.

6. Pressure Switch
1 no

7. 4 way "Fire Brigade
Collecting Head
1 no

8. Automatic quartz bulbs pendants
Type sprinklers of 68C complete
With fitting

9. Control Valve (100 mm),
Complete with pressure gauge,
Drain valve, alarm motor gong,
Compete in all respect.
1 no.

10. Electrical Panel and entire cabling
1 lot

PREVENTIVE MAINTENANCE SCHEDULE

A Sprinkler System

1. No. of pumps :
2. Make and H.P :
3. Type of pump – Electric :
4. Whether pump develops required pressure (to be run every week) and whether automatic operation checked through bypass pipe arrangement. :
5. Whether hosepipes opened and straightened out (Every three months) :
6. Isolated valves operation checked (once in a month- without water) :
7. Foot valve of draw out connection – checking (every 2 months) :
8. Check condition of coupling (weekly) :
9. visual inspection of sprinkler head/ nozzles to be done (weekly) :

B Fire Alarm System

1. Check operation of smoke detector} through the test buttons in the indicator panel every day and once a month by creating artificial heat/smoke in one place.
2. Check Operation of all alarm/ sounders (weekly) :
3. Visual check of (weekly) (a) Main control panel :
(b) Zonal control panel :
4. Check healthiness of circuit (weekly) :
5. Talk back operation from both ends (weekly) :
6. Operation of response indicator (weekly) :
7. When was the last mock test carried out? :
date:

Note:

1. Checking includes repair/ replacement in case of equipment was found faulty.
2. Where the repair/replacement is not possible due to any reason the matter should be brought to the notice of DM (Maint) on the same day.

PERIODICAL TESTING AND MAINTENANCE CHART FOR FIRE FIGHTING SYSTEM & SPRINKLER SYSTEM

S.No.	System Component	Activity	Duration	Remarks
1.	Water tanks	(i) Cleaning	Once in a year	
2.	Pumps	(i) Test flow	Annually	
		(ii) Lubrication	Quarterly	
3.	Motor	(i) Running Starter	weekly	
		(ii) Insulation resistance	Once in a year	
4.	Piping	(i) Flushing	Once in a year	
		(ii) Pressure	weekly	
5.	Valves	(i) Operation	Monthly	
		(ii) servicing & testing	Once in a year	
6.	Control system	(i) Operation	Monthly	
		(ii) Connection and system components	Quarterly	
7.	Hose reel and hose pipes	(i) Physical check	Monthly	
		(ii) Operation check	Annually	
		(iii) Replacement	Depends upon physical condition	
8.	Fire Brigade connections/inlet	(i) Physical check	Monthly	
		(ii) Operation check	Annually	
9.	Instantaneous coupling	(i) Physical check	Monthly	
		(ii) Lubrication	Once in six months	
10.	Painting		Once in a year	
11.	Sprinklers system as a whole	(i) discharge test	Once in a year	
12.	system as a whole	(ii) manual testing of system	Once in six months	