

NOTICE INVITING TENDER

NIQ no. : WBMSCL/NIT-96 /2021

Dated – 03.05.2021

The Managing Director, West Bengal Medical Services Corporation Limited , invites tender from reputed & experienced Firms for providing maintenance services under Comprehensive Annual Maintenance Contract (AMC) for Fire Fighting, Fire Alarm & Fire detection system installed at various locations of the Swasthya Sathi Building, GN-29, Sector – V, Salt Lake, Kolkata - 700091, with contract period of 36 months. The tender papers are available at the office of WBMSCL and in the website at www.wbmssc.gov.in on or after **11 a.m. on 05/05/2021**. Interested agencies may download the tender papers, complete the same and send the same to the undersigned as so to reach the undersigned on or before **12/05/2021 up to 3:00 p.m.** The tenders will be opened on the same day at **5:00 p.m.** in presence of the intending bidders or their authorized representatives.

The tender envelope containing tender shall be super-scribed as "**Annual Maintenance Contract (AMC) for 3 years for Fire Fighting, Fire Alarm & Fire Detection system installed at various locations of all floors of the Swasthya Sathi Building, GN-29, Sector – V, Salt Lake, Kolkata – 700091**" and addressed to the Managing Director, West Bengal Medical Services Corporation Limited, GN-29, Sector – V, Saltlake, Kolkata - 700091. Bidders are instructed to submit their tender consisting of two sealed envelope called "Qualifying Bid" & "Financial Bid". Tenders received after due date & time will not be entertained. WBMSCL is not responsible for any postal delay. Incomplete or conditional tender is liable for rejection. The authority reserves the right to reject any or all the tenders without assigning reasons thereof.

Site	Swasthya Sathi Building, GN-29, Sector – V, Salt Lake, Kolkata - 700091
Tender Security/EMD	The bidder will have to deposit earnest money Rs. 5000/- (Rupees five thousand only). (In the form of DD from a scheduled bank drawn in favour of "West Bengal Medical Services Corporation Ltd" payable to Kolkata).
Security Deposit	3% of the contract amount to be deducted from the Bill.
Releasing of Security Deposit	One year from the date of completion of work
Last date of Submission of Tender	12/05/2021 upto 3:00 p.m.
Date of Opening of Tender	12/05/2021 upto 5.00 p.m.

Validity of Tender	120 days from the date of submission of Tender
Eligibility of participating bidder	Bonafide reliable firm having executed similar nature of Work.
Tender opening Venue	West Bengal Medical Services Corporation Ltd, Swasthya Sathi, GN -29 , Sector – V, Salt Lake, Kolkata – 700091.

Prospective bidders are requested to submit the bid in a sealed cover addressed to the Managing Director, West Bengal Medical Services Corporation Ltd, Swasthya Sathi, GN -29, Sector – V, Salt Lake, Kolkata – 700091 within the stipulated date & time.

Bidders are instructed to submit their bid consisting of two sealed envelope called “Qualifying Bid” & “Financial Bid” in the tender box of WBMSCL by hand. Bid will not be taken by postal system/courier.

Documents comprising the bid : (Bidders are instructed to submit their bid consisting of two sealed envelope called Qualifying Bid & Financial Bid.)

The Qualifying Bid shall comprise the following: -

- a. PAN No.
- b. GST registration no.
- c. IT Return for the assessment year of 2020-21.
- d. Experience in similar field
- E. Duly signed NIT
- F. Trade License

The Financial Bid shall comprise the following:

Applicable Rate Schedules as per printed format on the letter head of the intending bidder.

(Rate must be given in the B.O.Q. Rate is inclusive of all taxes, charges in respect of location. Any taxes, charges etc shown separately will not be considered. Rate Quote in any other format will be treated as cancelled).

Comparison of financial bid will be based on total amount of the B.O.Q.

The financial bid of only of those bidders will be opened who meet all the requirements of the technical bid.

Failing to fulfill the requirements and eligibility criteria set in the bid document will make the bidders Bid invalid. WBMSCL reserves the right to cancel or reject any or all of the Bids without assigning any reason whatsoever.

Copy to:

1. Notice board
2. WBMSCL, website

Managing Director

List of Items:

1. Main Fire pumps (Electric) 100 HP for wet Riser- 02 no. with test array arrangement for pressure control.
2. Diesel Engine Fire Pump:- 100 HP with other accessories
3. Jockey Pump (Electric):- 15 HP.
4. Auto start & other Electric panels
5. Internal Fire hydrants: - 14 nos.
6. External fire hydrants: - 04 nos.
7. Valve chambers:- 04 nos.
8. Butterfly valves/ CI valve:- 15 nos.
9. Main fire alarm panel:- 01 no
10. Fire detector: - 450 nos.
11. Fire extinguishers: - 65 nos. (checking/ testing will be performed by the agency at the time of fire drills)
12. Any other item which the bidder feels is required may be considered under this AMC.

The list of items is only indicative. However the bidder is advised to visit and inspect the site of works and its surroundings and obtain for himself all information that may be necessary for preparing the bid. The costs of any such visits / site inspections shall be entirely at the bidder's own expenses.

The tender for AMC of "Fire Fighting, Fire Alarm & Fire Detection system" should be submitted in proper format as per ANNEXURES- I, II ,III & IV (enclosed).

General Terms and Conditions:

1. The agency should be in possession of valid Licence / Registration for the works from the Office of Fire Officer West Bengal or its equivalent office.
2. The rates quoted shall include all applicable taxes.
3. Regular servicing & inspection of the equipments should be carried out at least once in a month preferably during 1st week of the month by the service provider.
4. The service provider shall perform preventive maintenance to the equipments mentioned above and its accessories as per service manual provided by the WBFES.
5. The service provider shall also attend any breakdown & emergency call immediately.
6. An agreement detailing the terms & conditions shall be executed with the service provider for entering into a AMC.
7. The service provider shall furnish details of experience indicating the parties for whom similar assignments AMC were undertaken.
8. The bidder will quote unit rate for various items of fire fighting system. This rate will be valid for 360 days from the date of work order.

The AMC will be for a period of **Three (03) Year**, which is extendable for further period if required depending on satisfactory fulfilment of all "Terms & Conditions" of contract agreement. However, the AMC may be terminated at any time before the expiry of contract agreement, depending on the requirement/performance of the service provider.

The tender must be accompanied by Earnest money Rs. 5000/- (Rupees five thousand only) in the form of Demand Draft from any Nationalized bank of India in favour of the Managing Director, West Bengal Medical Services Corporation Limited. The Earnest money of successful bidder shall be retained and for others, Earnest money will be returned within 30 days of completion of bid evaluation. No interest is payable on this deposit.

Security deposit @ 3% of the bill amount will be recovered from each running

bill & final bill. Performance guarantee as well as security deposit shall be refunded to successful bidder / lowest bidder after successful completion of the work. No interest is payable on this deposit. If the approved party fails to execute the agreement deed within the specified date, the earnest money will be forfeited.

The Managing Director of the WBMSCL or any other person(s) authorized by him on his/her behalf reserves the right to accept any tender, in full or in part, or reject any or all the tenders without assigning any reasons thereof and no correspondence in this respect will be entertained.

Managing Director

ANNEXURE - I

To,
The Managing Director,
West Bengal Medical Services Corporation Limited
GN – 29, Salt Lake, Kolkata - 700091

Sub: Submissions of Tenders for providing maintenance services under Comprehensive Annual Maintenance Contract (AMC) for Fire Fighting, Fire Alarm & Fire Detection system installed at various locations of the Swasthya Sathi Building, GN-29, Sector – V, Salt Lake, Kolkata - 700091.

Ref: Tender No: _____, dated _____

Sir,

With reference to above, *//We* hereby submit the tender for providing maintenance services under Comprehensive Annual Maintenance Contract (AMC) Fire Fighting, Fire Alarm & Fire Detection system installed at various locations of Swasthya Sathi Building, GN-29, Sector – V, Salt Lake, Kolkata - 700091.

Date:

Place:

Signature of the bidder

ANNEXURE - II

DETAILS OF THE BIDDER

1. Name of the Bidder :
2. Address of the Bidder :
.....
.....
3. Telephone no. Landline :
Mobile :
E-mail :

4. Details of Earnest Money Deposit: DD no.
Date..... Bank.....

5. PAN (Enclose copy)
6. Service Tax Registration (Enclose copy)
7. VAT Registration (Enclose copy)
8. Licence no. / Registration no. & valid date :
9. Experience Details:

Parties	Nature of Job	Date	
		From	To

This is to certify that the information furnished above by me / us is true and correct. I/ We also certify that II We have carefully read and understood the terms and conditions of the tender document and undertake to abide by them in the event of being awarded the contract.

Date:

Place:

Signature of the bidder with Seal

ANNEXURE – III

SPECIAL CONDITIONS OF CONTRACT

Scope of work and maintenance schedule:

1. Maintenance of Fire Fighting, Fire Alarm & Fire Detection system in the areas under this contract - the maintenance agency (contractor / firm) shall be solely responsible to keep the system serviceable at all the time. The maintenance shall include servicing of all the equipments associated with the systems.

2. The cost of major or special repair or overhauling of any equipment such as Fire pump, motor, fire alarm panel, batteries & hooters including winding of motor is not covered in the scope of this work. However, preventive & routine maintenance including servicing, minor rectification will be the responsibility of the agency. All material including diesel oil for fire engine pump will be provided to the agency by WBMSCL for such rectification free of cost except some minor material such as Petroleum Jelly, straw, lubricants, tools & tackles, nuts & bolts, distilled water, cleaning materials (soda & waste cloths etc.), log books & Stationeries, fuse, rubber packing, threads, indicator lamps, clamps, resistors, diodes, repairing of Integrated circuit (IC / PCB) etc. which are in the scope of this work. Nothing extra shall be paid on account of consumables and small tools & plants required for the work.

3. The agency will promptly inform WBMSCL engineer in charge as soon as occurrence of any Major defect in these systems is noticed. So that the latter can take advance action towards its rectification and procurement of any material required for that purpose. Labour for the rectification will be provided by the agency in his quoted rates.

4. The Firm/ contractor will engage trained and experienced technical staff and helpers, headed by a qualified Fire supervisor, for undertaking maintenance services / jobs.

5. The firm / Contractor will maintain the logbook for maintenance as described below.

a) After each maintenance, the test details to be entered in the maintenance register with dates and result achieved.

b) After carrying out each test, the entry in the register to be got counter signed from the WBMSCL Engineer. Without prior approval, no fitting / material will

be removed for repairs; it will be contractor's responsibility to provide alternative temporary arrangement of such items during the period, the item is repaired and put back in to position so that the system remains fully functional all the time.

6. The contractor will conduct periodical (quarterly or as and when asked by the employer) fire drill at site as per direction of the engineer in charge including imparting training to the staff in the use of fire Extinguishers etc.

7. The checking & maintenance of the batteries for the system shall be done including maintaining specific gravity and distilled water if required. However replacement of defective batteries is not covered in the scope of this work.

8. The servicing & random checking of fire detection system & heat detectors shall be done periodically.

9. The system shall be kept in working condition till completion of the contract. The firm will arrange handing over of the total system in full functional condition on completion of the contract.

10. The mock drill/demonstration of the working of the system shall be given at least once in a month or as and when desired by the engineer in charge or as per his direction.

11. The firm / contractor shall depute one qualified Electrical Engineer to check the whole system once in every alternate month and shall maintain a test record signed by him and got countersigned from the Engineer of the WBMSCL. The firm shall guide the operator engaged by the WBMSCL about the operation of each of the equipment.

12. In case of Emergency, The Firm shall give full support for mitigation of fire accident at no extra payment.

13. The firm has to arrange for testing both the fire pumps. The test includes running of the pressurization pumping set in case of loss of pressure of fire hydrant system and running of diesel engine pump by artificial closure of electricity. The pumps shall be tested as to whether the constant pressure is being maintained by creating pressure loss in the pipe lines. Pressure test at the various locations of hydrant valves shall be done by

opening the valve at one location. Such test shall be done at least once in every alternate month in the presence of Engineer in charge of WBMSCL.

14. The servicing of major equipments like fire pump, jockey pump, pressure regulator & main fire alarm panel etc. shall be done quarterly. However, all the valves, valve handles, smoke detectors, manual call points, hooters, fire control cable etc. shall be checked and greased if required in every month.

15. Contractor would be bound to execute such additional item/ items which may be essential & necessary (even though not listed in schedule of work) for the effective execution of the work. Rates for such extra items of work shall be rationally analyzed / derived & would be binding on the contractor.

16. Contractor undertaking the job is advised to verify the particulars as detailed in annexure & satisfy himself towards the conditions & specifications etc. of the tenders before filling up the bids.

17. Penalty : The firm shall rectify/attend any breakdown within 48 hours failing which penalty for non-performance @ Rs. 500/- per day of delay subject to a maximum of 10% of the contract price of the respective site will be imposed and in the event of any damage to the property or life arising out of non performance, contractor will be solely responsible.

18. The contractor should provide escalation matrix to WBMSCL to lodge complaint of breakdown. In the escalation matrix the contractor has to provide at least 02 mobile no. and e-mail ID. If any changes is made in mobile no. / e-mail ID the same should be notified to WBMSCL in written within 7 working days.

ANNEXURE – IV

Maintenance Schedule

The following works / checks are required to be performed on Monthly / Quarterly / Half yearly basis and record all the activities in the log book with date and time which shall be counter signed by the Engineer – in -Charge / competent authority of WBMSCL.

1. Monthly checks:

- a) Operational readiness of system during mains failure
- b) Check battery water level & Specific Gravity of electrolyte
- c) Check the fire circuit of each zone from the panels
- d) Check whether signals of fire and fault get transmitted from zonal panel to main panel.
- e) Performance check of the hooters shall be done along with the performance check of manual call points.
- f) Check smoke detectors, if required cleaning shall be carried out with suitable reagents.
- g) Checking of water pressure of the hydrant line & action shall be taken to arrest leakage on urgent basis.
- h) Checking of main control panel of fire pump & alarming system

2. Quarterly checks:

- a) Check fault circuit of each zone by actually disconnecting wire by removing a detector.
- b) Check fire circuits by facilitating actual smoke to one detector of each zone
- c) Cleaning of all types of detectors with suitable means.
- d) Checking / servicing of major equipments such as Fire pump, Jockey pump, pressure gauges, panels including contactors, valves, main alarm panel, auxiliary panel etc.
- e) Checking/ testing of all type of fire extinguishers

3. Half yearly checks:

- a) All the checks quarterly's shall be repeated
- b) Greasing of valves, checking of couplings / Impeller and checking of synchronization operation of Main pump, Jockey pump & Diesel pump during mains failure.
- c) Oil filtration of Diesel Engine Pump

Managing Director

Name of work - Annual Maintenance Contract (AMC) for Fire Fighting, Fire Alarm & Fire Detection system installed at various locations of the Swasthya Sathi Building, GN-29, Sector – V, Salt Lake, Kolkata - 700091

NIT reference no. - WBMSCL/NIT-96 /2021 Dated – 03.05.2021

B.O.Q.

Sl no.	Description of Item	Unit	Quantity	Rate inclusive of all taxes	Amount
1	Providing maintenance services under Annual Maintenance Contract for Fire Fighting, Fire Alarm & Fire detection system installed at various locations of Swasthya Sathi Building, GN-29, Sector – V, Salt Lake, Kolkata - 700091				
1.01	For the 1st year	LS	1.00		
1.02	For the 2nd year	LS	1.00		
1.03	For the 3rd year	LS	1.00		
2	Refilling of fire extinguishers				
2.01	6 kg - ABC type fire extinguishers	No.	1.00		
2.02	4 kg - ABC type fire extinguishers	No.	1.00		
2.03	4.5 kg - CO2 type fire extinguishers	No.	1.00		
2.04	9 litre - AFFF type fire extinguishers	No.	1.00		
2.05	9 litre - WCO2 type fire extinguishers	No.	1.00		
2.06	ABC type all multi purpose modular automatic Fire extinguisher (68 degree capacity) 5 kg capacity	No.	1.00		
3	Supply of fire extinguishers				
3.01	Carbon-di- oxide type fire extinguisher of 4.5 kgs. Capacity, CO2 gas filled in brand new seamless cylinder with powder coated finish, made out of Manganese steel, with wheel type valve, discharge nozzle, bend & horn, wall mounting bracket etc. complete, confirming to IS: 15683	No.	1.00		
3.02	Supply, Installation, Testing , Commissioning of ABC stored pressure type (ISI marked) extinguisher including all accessories with wall bracket with rawl plug. Capacity 6 kg. ISI marked	No.	1.00		
3.03	Supply, Installation, Testing and Commissioning of Mechanical Foam type Fire Extinguisher, "ISI" marked (IS:15683) in HP Mild steel Cylinders fitted with Pressure Indicating Gauge, Internal Tube, squeeze Lever type Valve; complete in all respects, including wall suspension Bracket - 9 Litres capacity -all ISI marked make.	No.	1.00		
3.04	ABC type all multi purpose modular automatic Fire extinguisher (68 degree capacity) 5 kg capacity	No.	1.00		
4	Supplying, installing, testing and commissioning conventional Sprinkler quartzoid bulb type with 15mm screwed end connection of 68 deg. C. temperature rating and orifice shall not be less than 6mm. Sprinklers shall be UL Listed / FM approved with Chrome finished.				
	Pendent sprinkler	No.	1.00		

Sl no.	Description of Item	Unit	Quantity	Rate inclusive of all taxes	Amount
5	Supplying, installing, testing and commissioning of M.S. Pipes confirming to IS 1239/13589, confirming to IS 1239/13589, Medium grade with painting, suitable type of supports (for above 50 mm dia, shall be fabricated by M.S. Channel / Angle / Flats etc), anchor fasteners, bolts nuts , clamps, "U" bolt, malleable specials such as Reducers, Tees, elbows, flanges. Including cutting, Welding, fixing in / on walls ceiling by using suitable supports etc, as per drawings. The quoted rate shall also include for chasing / chipping walls, making bore holes in walls / floor and making them good with filler material and finished in cement mortar etc. complete				
5.01	150 mm nominal dia	Mtr.	1.00		
5.02	100 mm nominal dia	Mtr.	1.00		
5.03	80 mm nominal dia	Mtr.	1.00		
5.04	65 mm nominal dia	Mtr.	1.00		
5.05	50 mm nominal dia	Mtr.	1.00		
5.06	25 mm nominal dia	Mtr.	1.00		
6	Supply & fixing of approved type rosette plates for Sprinklers below false ceiling area. The Rosette shall be fabricated by M.S. plate of 2mm thick and the finish shall be powder coated and color shall be as approved by architects / clients.	No.	1.00		
7	Supplying, Installation,Testing and commissioning of Hydrant valve comprising of the following in the Fire duct;	No.	1.00		
7.01	Single headed hydrant valve as per IS 5290, made of SS with 63 mm dia instantaneous outlet of 80 mm dia fanged inlet ,Blank caps , chain and hand wheels etc complete.	No.	1.00		
7.02	15 M long, 63mm dia RRL hose with instantaneous couplings and Hoses shall be stored in side the hose cabinet.	No.	1.00		
7.03	1 no. Gun metal short branch pipe with nozzle.	No.	1.00		
8	Fabrication, supply erection & commissioning of wall mounted type M.S.HOSE BOX (INTERNAL). The hose box shall be capable to accommodate 1 No.15M long hose pipe fitted with quick coupling ends, branch pipes, nozzles, spanner etc. will be kept in a hose box, which will be located near point of use.. (Make Fire Shield/GEI/ Eversafe / Newage)	No.	1.00		
9	Supply, fitting and fixing of Hose reel drum of swinging type with 19mm dia Rubber braided hose of 40/30 M. Length with Gate valve (upstream) and Shut off nozzle complete.	No.	1.00		
10	Supply, Installation, Testing and Commissioning of Level Gauge 1.5 Mtr. Height	No.	1.00		

Sl no.	Description of Item	Unit	Quantity	Rate inclusive of all taxes	Amount
11	SITC of Analog addressable type Multicriteria detector with mounting based and with Algorithm which shall be able to distinguish genuine fire and false fire (having dual LED chambers) .(Detectors shall have 360 degree viewing LED and inbuilt microchips) having complete class A style wiring as required.	No.	1.00		
12	SITC of Electronic Hooter for fire alarm / evacuation signal, 5 watt capacity including base and module.	No.	1.00		
13	SITC of Addressable Manual call point with necessary supports, chipping, chaising, civil work , concealed work of cabling/conduit, cable termination, gland,module. (Approved Makes : GST)	No.	1.00		
14	SITC of Base with isolator for short circuit isolating system (Approved Makes : GST)	No.	1.00		
15	SITC of Response indicator complete as required as per Specifications.(make - GST)	No.	1.00		
16	Supply and drawing of 2Cx 1.5 Sq. mm Twisted copper FRLS , Shielded cable fixed on the conceal/surface, through conduit of the building structure complete with termination and testing as per requirement	Mtr.	1.00		
17	Supply and fixing of PVC conduits in following sizes including cost of junction boxes, bends, elbows sockets, tees etc. laying in slab, cutting chases and making good or surface mounted including all fixing hardware 20 mm dia	Mtr.	1.00		
18	SITC of 12 volt. battery for fire alarm control panel of GST make model no. GST-IFP8 fire detection panel	No.	1.00		
19	Supply,Installation,Testing and Commissioning of Loop Card for GST make model no. GST-IFP8 fire detection panel	No.	1.00		
20	Supply,Installation,Testing and Commissioning of display unit for GST make model no. GST-IFP8 fire detection panel	No.	1.00		
				Gross Amount	
	In words :				

Sd/-
Managing Director