

BHOPAL MEMORIAL HOSPITAL & RESEARCH CENTRE UNDER DEPARTMENT OF HEALTH RESEARCH, MINISTRY OF HEALTH & FAMILY WELFARE, GOVERNMENT OF INDIA RAISEN BY PASS ROAD KAROND BHOPAL – 462 038 (M.P) Phones : + 91 755-2742212-16, Fax : + 91 0755-2748309					
NOTICE INVITING TENDER BMHRC, Bhopal invites sealed tenders for following service:					
Sl no	Tender description	EMD	Last date & time for submission of tender	Bid opening date & time	Cost of tender document
(a)	(b)	(c)	(d)	(e)	(f)
1	TENDER FOR OPERATION & COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT OF FIRE DETECTION & ALARM, FIRE FIGHTING SYSTEM, INSTALLED AT BMHRC, BHOPAL. BMHRC/Tender/ES/Fire & Safety/2017-18/04.	37,000/-	From 24-07-2017 to 14-08-2017 upto 14:00 hrs	14-08-2017 at 15:30 hrs	Rs. 500/-
<p>The tender document can be obtained from BMHRC, Bhopal, against payment of non refundable tender fee Rs 500/- payable by cash deposit to BMHRC Accounts Department or by DD of any Commercial bank in favor of Director BMHRC, Bhopal. The tender document can also be downloaded from the official website of BMHRC : www.bmhrc.org, <i>tender documents fee would not be applicable if downloaded from BMHRC website.</i></p> <p>Director BMHRC reserves the right to reject any or all tender(s) without assigning any reason(s) there of.</p> <p>Note: All subsequent corrigendum / amendmends shall be published only on website and not in press. Hence participants are advised to always be in touch with our website untill the tender / bid is finally opened.</p> <p style="text-align: right;">Director, BMHRC, Bhopal</p>					

BHOPAL MEMORIAL HOSPITAL & RESEARCH CENTRE
Under Department of Health Research, Ministry of Health & Family Welfare, Government of India
Raisen Bye Pass Road, Bhopal — 462 038 (M.P.)
Phones : + 91 755-2742212-16, Fax : + 91 0755-2748309
Website : www.bmhrc.org

TENDER DOCUMENT

FOR

**OPERATION & COMPREHENSIVE ANNUAL
MAINTENANCE CONTRACT OF FIRE DETECTION &
ALARM, FIRE FIGHTING SYSTEM, INSTALLED AT
BMHRC, BHOPAL**

2017 - 2018

Tender Cost: Rs 500/-

BHOPAL MEMORIAL HOSPITAL & RESEARCH CENTRE

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NOTICE INVITING TENDER

1) Bhopal Memorial Hospital & Research Centre is a 350 bed super specialty hospital functioning under Indian Council of Medical Research, (DHR) Ministry of Health & Family Welfare, Government of India, having its campus at Raisen Bypass road, Karond, Bhopal. The Director BMHRC Bhopal invites sealed tender in Two Bid system for **“OPERATION & COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT OF FIRE DETECTION & ALARM, FIRE FIGHTING SYSTEM, INSTALLED AT BMHRC, BHOPAL”** from interested, inline, experienced, reputed and capable Original Equipment Manufacturers / authorized dealers who fulfills the eligibility criteria of Tender Document and operating their business in Bhopal.

Name of the Work	Estimated Amount (Rs)	EMD (Rs)	AMC Period
OPERATION & COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT OF FIRE DETECTION & ALARM, FIRE FIGHTING SYSTEM, INSTALLED AT BMHRC, BHOPAL	Rs. 18,71,000/-	37,000/-	2 Years

- The offers should be submitted in two-bid system i.e. Technical Bid and Commercial Bid in two separate sealed envelopes super-scribing **“OPERATION & COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT OF FIRE DETECTION & ALARM, FIRE FIGHTING SYSTEM, INSTALLED AT BMHRC, BHOPAL”** in the respective envelopes duly addressed to The Director, Bhopal Memorial Hospital & Research Center, Raisen Bypass road, Karond, Bhopal, M.P.
- The tender document can be downloaded from BMHRC website: www.bmhrc.org and the tender document fee is not applicable in case the documents are downloaded from BMHRC website. The Tender Document can also be available in person from BMHRC, Bhopal on any working day between 09:00 hrs to 16:00 hrs from **24-07-2017 to 12-08-2017** on payment in cash Rs 500/- (Rupees Five Hundred Only non-refundable) towards cost of the tender document, for which Cash Receipt will be issued and the Bidder should attach a copy of the Cash Receipt while submitting the tender.
- The Tenders are to be submitted as per two bid system i.e.- **Technical Bid and Financial Bid.** The technical bid should contain the papers to fulfill all the eligibility criteria, certificate of experience, satisfactory performance certificate, undertakings as per instructions, and list of the equipments, tools and tackles required for the job. Financial Bid should contain the rates quoted for the services to be provided as per instructions given in the tender document. Both the bids should be submitted in two separate sealed envelopes super scribed as "Technical Bid for **“OPERATION & COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT OF FIRE DETECTION & ALARM, FIRE FIGHTING SYSTEM, INSTALLED AT BMHRC, BHOPAL** and Financial Bid **“OPERATION & COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT OF FIRE DETECTION & ALARM, FIRE FIGHTING SYSTEM, INSTALLED AT BMHRC, BHOPAL”**. Both sealed envelopes should be put in a third sealed envelope and should be super scribed **“OPERATION & COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT OF FIRE DETECTION & ALARM, FIRE FIGHTING SYSTEM, INSTALLED AT BMHRC, BHOPAL”**. Sealed tenders should be addressed to the Director, BMHRC, Bhopal. The completely filled Tender should be dropped in the Tender Box Kept in the office of the Dy. Director (Engg. Services) by the stipulated date and time. No tender submitted or received after the closing date and time will be considered.

- 5) The financial bid is divided in three parts which are as follows;
- Part A-I** : Services & comprehensive maintenance charges of fire extinguishers installed at BMHRC & its Health Centres
 - Part A-II** : Refilling charges of fire extinguishers installed in BMHRC & Health Centres which are required to be refilled after their expiry period
 - Part B-I** : Comprehensive maintenance & repair charges of fire hydrant system as per the list of equipment and accessories installed at BMHRC
 - Part B-II** : Unit rate of spare part for the hydrant system & FDA system are to be quoted by the agencies, the agencies are advised to quote for each item, **in the evaluation of financial bid Part B-II rates/amount will not be considered.**
 - Part C** : Operational charges for fire fighting system on 24x7 hrs basis by deployment of technical manpower round the clock, whom are required to be paid on applicable wage rates of Central Labour Commissioner (Jabalpur) as mentioned in Bid Format, bidder has to quote for managed Services charges only.

Tenderer has to submit an undertaking as per the attached format (Annexure VII) that if the work is awarded to the agency it will agreed on accepting the lowest rates quoted by eligible bidders of respective items in Part B-II for reimbursement on behalf of BMHRC against the supplied items as per the requirement.

- 6) The Tender Documents should be submitted intact in a sealed cover either in person or by post without tampering with any of the folios thereof & duly filled in and duly signed at the bottom of each folio, by the Bidder or his / their authorized representative and it shall reach at BMHRC on or before **14-08-2017** upto 14:00 hrs.
- 7) The Bidder should deposit a DD / Pay order for **Rs 37,000.00 (Rs. Thirty Seven Thousand Only)** towards the Earnest Money Deposit (EMD) drawn in favor of Director BMHRC, Bhopal. EMD of all unsuccessful Bidders will be returned after award of tender. No interest will be payable on the Earnest Money Deposit.
- 8) The Director, BMHRC, Bhopal reserves the right to amend or withdraw any of the terms and conditions contained in the tender document before accepting the tender or to reject any or all the tenders without giving any notice or assigning any reason. The decision of the Director, BMHRC, Bhopal in this regard shall be final and binding on all.
- 9) **Schedule of Tendering Process:**
- | | | |
|---------------------------------|---|-------------------------------|
| Issue of tender forms | : | From 24/07/2017 To 12/08/2017 |
| Pre-bid Meeting | : | 02/08/2017 @ 12:00 hrs |
| Last date for Tender Submission | : | 14/08/2017 @ 14:00 hrs |
| Opening of Technical Bid | : | 14/08/2017 @ 15:30 hrs |

Director
BMHRC, Bhopal

Technical Bid

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A. ELIGIBILITY CRITERIA:

(Please attached self- attested documents as per check list)

1. The bidder should attach Tender Cost in form of copy or original of Cash receipt or DD of Rs 500/- (Rs. Five Hundred only) in case tender documents are downloaded from BMHRC website, tender document cost is not applicable.
2. The Technical Bid should be accompanied by an Earnest Money Deposit (EMD) of **Rs 37,000.00 (Rs. Thirty Seven Thousand Only)** in the form of Demand Draft/Bankers cheque from any Commercial Bank drawn in favor of Director BMHRC payable at Bhopal or in the form of Bank Guarantee in favor of Director BMHRC, valid for the period of one year alongwith cost of tender fee. In the absence of EMD and tender fee, the tender shall be summarily rejected. No exemption will be granted. The agencies registered under MSME/SSI shall be exempted for turnover as per the Govt. rule from submission of EMD/ Tender document cost as per applicable rate.
3. Registration of firm under Shops & Establishment Act or Partnership Act or Companies Act.
4. The bidders should have office in Bhopal area.
5. The bidder should have valid license from Directorate of Madhya Pradesh Fire Service or Bhopal Municipal Corporation Fire Services.
6. The bidder must submit a self-attested copy (copies) of Recent work order (s) (details filled with attached format Annexure-III) of which the work (s) has (have) been completed within last five years as on **31-12-2016** issued to the vendor, as a proof of similar work done in a PSU, Central / State Government Organization or subsidiary / joint venture / Regulated company thereof, or a reputed private company etc. The value(s) of each work order (s) should be not less than:
 - i) One similar completed works costing not less than **Rs.15,20,000/-** "OR"
 - ii) Two similar completed works costing not less than **Rs.11,40,000/-** "OR"
 - iii) Three similar completed works costing not less than **Rs.7,60,000/-** /-
7. The Bidder should have average turnover not less than **Rs.5,70,000/- (Rs. Five Lacs Seventy Thousand Only)** for last five years. However the agencies registered under MSME / SSI shall be exempted for turnover as per the Govt. rule
8. The Bidder should not have loss for consecutive two years during last preceding five years.
9. Certificate of Registration of EPF & ESI Act.
10. An undertaking on letterhead that the Tenderer has never blacklisted during last 5 years.
11. The Tenderer should enclose an undertaking on letterhead that there is no ongoing police case / vigilance inquiry against the Tenderer or / and its Partners / Directors of the company and he / she has never been convicted or punished by any Honorable Court of Law.
12. The agency registered under make in India scheme of Govt. of India can also participate in tender and applicable relaxation would be provided under the scheme.

The tenders of those Bidders who do not fulfill above eligibility criteria are liable for rejection.

B. GENERAL CONDITIONS:

1. The contracting party whether it be a Proprietor / Individual, Partnership firm, Company / Corporation, Society, they shall be, for the purpose of this contract, be known as “the Bidder” and the Bhopal Memorial Hospital & Research Centre shall be known as BMHRC, Bhopal.
2. The Bidder should submit Technical Bid & Financial Bid in separate sealed Envelopes superscripting “Technical Bid” and “Financial Bid” as the case may be as mentioned in the Tender Notice.
3. Bidder should ensure that all the requisite documents are attached with Technical Bid as per Check list and all pages of Tender and documents are signed and stamped. Failure to do so shall lead to the rejection of bids.
4. The Bidder will give a declaration as per attached format Annexure- I that he has read and understood the above conditions and the same shall remain binding upon him in case the work is entrusted to him.
5. The bidder must visit/examine the site and its surrounding on any working day by prior appointment with the I/o Fire & Safety for the proper assessment of prospective assignment (scope of works) before submitting their offer. No claims later on shall be entertained. Bidder should submit a Certificate for the Site Inspection as per attached format Annexure-II.
6. Bidder should submit their details as per attached format Annexure-III with self-attested documents.
7. The successful Bidder whose tender is accepted shall, within seven days from issuing / receiving the Letter of Acceptance, be required to submit a Performance Bank Guarantee of 10% of annual Contract value as per attached format as Annexure- V of any Commercial bank and or in the form of DD in favor of Director BMHRC prior to signing the Contract Agreement with BMHRC, Bhopal as per the General Conditions / Special conditions enumerated in the tender documents, on a Non-Judicial Stamp Paper of **500/-** (Rs Five Hundred only). If he / she / they decline/s or fail/s to submit the Performance Bank Guarantee or to execute the contract agreement within the stipulated time, the EMD shall stand forfeited, without prejudice to BMHRC Bhopal right to rescind the contract and other rights and remedies warranted by the law.
8. After receipt of Performance Bank Guarantee or Bank draft from the successful Bidder, EMD will be refunded to all bidders within one month.
9. Bidder/s shall keep his / their offer valid for a period of at least 12 months (360 days) from the date of opening of the Bid. If any Bidder withdraws or amends impairs or derogates from the tender in any respect within the period of validity of his offer, the EMD is liable to be forfeited
10. BMHRC may at any time after opening of the tender depute a team of its officials to the site / work place / office of the Bidder to get the credentials of the information furnished by the Bidder verified by collecting the spot information as to the status, workmanship & quality of the services rendered by them. If any information furnished by the Bidder is found to be incorrect, the tender of such Bidder shall be liable for rejection.
11. The performance bank guarantee should be valid beyond 6 month of contract period. The Original Performance Bank Guarantee will be returned to the Bidder after 6 months of completion period of 24 months subject to satisfactory performance of the Bidder's obligations under the contract and subject to such deductions as may be necessary for making up BMHRC claims against the Bidder.

12. As per **Office Memorandum no: 29(1)/2014-PPD of Ministry of Finance, Dept of Expenditure** directive "If a firm quotes 'NIL' charges/consideration, the bid shall be treated as non-responsive and will not be considered." In this regard the bidders are advised to quote realistic amount for each items of financial bid respectively. The bid may be treated as non-responsive if 'NIL/ unrealistic charges is quoted for any of break up item of financial bid.
13. The Bidder must obtain for himself on his own responsibility and at his own expenses all the information which may be necessary for the purpose of tendering and for entering into a contract and must inspect the site of work and acquaint himself with all local conditions means of access to the work, nature of work and all matters appertaining thereto.
14. Immediately, on receipt of intimation from the BMHRC the acceptance of tender, the successful Bidder will execute the work as per the instructions of I/o Fire & Safety and the written acceptance of the tender will constitute a binding contract between BMHRC and the Bidder so tendering. It will be the responsibility of the Bidder to thoroughly examine the site in all respects.
20. In the event of refusal to carry out work by the successful Bidder on any grounds, its performance bank guarantee shall be forfeited.
21. It shall be the responsibility of the Bidder to meet transportation, food, medical and any other requirements in respect of the workers engaged by it (Bidder) at BMHRC, Bhopal and BMHRC, Bhopal shall have no liabilities in this regard.
22. BMHRC will not be responsible for any damages, losses, theft, claims, financial or other injury to any workers deployed by service providing Bidder in the course of their performing the functions / duties, or for payment towards any compensation.
23. The quality of work at all stages should be as per the standards laid down and explained to the Bidder by BMHRC, Bhopal. It is made clear that there will be no compromise in the material quality and workmanship of work. It shall be the responsibility of the Bidder to ensure that the standards laid down from time to time are strictly maintained.
24. The rates quoted should be firm and inclusive of all duties and VATs etc. excluding Service Tax. In case prices are not inclusive of duties, Taxes etc., then the rates at which duties, taxes etc., is required to be paid should be mentioned and if it is not mentioned then it will be presumed that the rates are inclusive of all duties, taxes, VATs etc., and no payment shall be made by BMHRC Bhopal on this account on a later stage.
25. Company incorporation certificate, Service Tax Registration, Commercial Tax Clearance Certificate and Valid Trade License Certificate should be submitted along with tender.

C. STATUTORY COMPLIANCE BY THE BIDDER:

26. The Bidder should obtain the requisite license for running the establishment from authorities such as Municipality, Local Authority, State / Central Departments etc., at its' own cost. The BMHRC shall not be responsible in any way for any breach of these rules and regulations by the Bidder.
27. The Bidder shall obtain and keep it in force throughout the term of the agreement, necessary / valid license from the Licensing authority and the rules framed there under and produce the same to BMHRC before commencement of the services under the contract and also take step for getting the agreement registered under the act.
28. The Bidder shall also indemnify BMHRC from and against any claims under the aforesaid act and the rules and shall continue to have a valid license until completion of the contract period or any extended period. Any failure to fulfill this requirement shall attract the penal provisions of the contract arising out of the resultant non-performance of the work. The liability of the contractor on this account will be limited to the amount of performance guarantee.

29. The agency awarded the contract shall be fully responsible for all the liabilities arising during the contract duration pertaining to violation of labour laws, and non compliance of any statutory acts such as minimum wages Act, workman compensation Acts, Industrial Dispute Act or in case of any injury suffered by the workers employed by the bidder or resulting in death/ fatal accident and loss of property etc.

The extent of liability of the agency would be limited to the value of performance guarantee submitted by the agency to BMHRC as per the tender condition.

30. The Bidder shall not deploy any person below the age of 18 years.

D. SCOPE OF WORK

The scope of work shall include checking, cleaning repairing / rectifying and maintaining the system in working condition on 24x7 basis as per details given below :

1. Testing of various Fire Fighting Systems including Fire Alarm System as per schedule mentioned in tender documents.
2. Record of maintaining the system.
3. Replacement of defective equipments/parts. Some spare/consumable/parts shall be covered in the CAMC rates (as noted in the schedule of testing Annexure A in bold). Other items mentioned in **Part B-II of Financial bid** will be paid on actual basis based on rate quoted by the suppliers. The contractor shall maintain spare parts of equipments as given in **Annexure-A** of schedule of testing at its own cost. In case of replacement of any part. BMHRC will reimburse the price of the part actually replaced, based on paid bills of the suppliers of the part. All labour charges for replacement of the parts/equipments shall be included in the CAMC, no extra cost on this account shall be paid to the contractor.
4. The period of replacement of parts that affect the system is indicated in the schedule of testing. Those which are considered essential shall be rectified immediately. For others the period of repair is indicated.
5. To guide security personnel for extinguishing fire at the time of actual fire.
6. It is the responsibility of CAMC Contractor to ensure that all the types of extinguishers as mentioned in the details of equipments installed for Fire Hydrant system shall be refilled before their expiry date, as well as the extinguishers shall be pressure tested for any defects before refilling. Similarly contractor has to ensure all types of detectors, response indicators, MCP glass unit, hooters and the respective FDA panels and Repeater panels are in working conditions round the clock. If any equipment/part found defective during checking/testing the same shall be replaced immediately.

E. SCHEDULE OF TESTING

S. No	Item of Work	Interval of Testing (In weeks)
SPRINKLER SYSTEM		
1.1	Drain the line and check that the Turbine Bell with the installation Control Valve has operated in case of choking, the same shall be cleaned and made operational. Water should be discharged until clear water is obtained.	2
1.2	Close and open all valves lines fully charged to remove internal coating on the seat. Wherever possible, where an outlet is available after the location of the valve, then the outlet should be opened and the valve should be closed. No water discharge should be seen through the valve. In case water discharge is in occupied area or an area where water discharge is not desired, then Contractor should make provisions to dispose water to required location. All valves should be so tested. All valves shall be greased.	4
1.3	Record in Log Book the pressure in Gauge at the location.	1
1.4	Rupture a sprinkler head at any location as directed by Owner & after closing of valve, new sprinkler shall be provided. The cost of new sprinkler is to be included in CAMC rate.	26
1.5	Clean all exposed pipes with lightly wet cloth and then with dry cloth until all dust has been removed.	8
1.6	Carry out spot welding and threading work in all parts of the system as required, either by leakage or due to operation. Subsequent painting shall also be carried out.	As required
1.7	Party must maintain a stock of 6 number sprinkler heads at site.	
1.8	Any line rupture affecting at least 10 sprinkler should be repaired within 12 hours. Other repairs should be carried out within 24 hours. In case of any delay in carrying out of such works, a fine of Rs.500/- per hour shall be imposed.	
FIRE ALARM TESTING		
2.1	Test at least 10% of all detectors with smoke from Aerosol Spray and Hair Dryer for Heat Detectors. The LED on the detector should be lit after fire signal. Wherever Response Indicators are provided they should be illuminated to be visible. Immediately after alarm is sounded, the Hooter of floor shall be activated and the Floor AHU should shut down. The signal shall be available on the Main Panel as well as in the Repeater Panel. The exact address of the detector shall be available in the panel. After resetting the alarm, the AHU shall be running and hooter should stop sounding. Detector should be cleaned with vacuum cleaner.	
2.2	Manual Call Boxes should be tested with key switch. Immediately on alarm, the key should be removed.	4
2.3	A detector shall be removed from base. This should come on as a signal on the Panel with the local sounder.	4
2.4	Cleaning of all detectors with vacuum cleaner	8
2.5	Above false ceiling detectors to be tested, where ever possible in areas with removals panel.	
2.6	Main Panel to be tested with Acknowledge, Alarm Switch. During testing the panel should be operated on battery. The scroll command shall be used to check the last 20 events. Monthly status reports shall be submitted to the Owners of operational detectors, faulty detectors/devices, etc.	2
2.7	Any Loop Defect affecting more than 5 detectors shall be repaired within 12 hours. Any defective detector shall be replaced within 6 hours, or by start on next working day. This includes Loop Cards, Master Card, Power Card, Loop Drivers, Transformers, etc. Other repairs should be carried out within 24 hours. In case of any delay in carrying out of such works, a fine of Rs.500/- per hour shall be imposed. The replaced parts shall be paid extra as per actuals.	As required
2.8	Party must maintain an inventory of 5 number detectors, 2 numbers of heat detectors, 2 numbers output module, 4 numbers Manual call box, 100 meters wire, 5 numbers response indicator, 2 number morley loop card, 2 number loop driver unit at site which shall be inspected by Owner regularly or at least on a monthly basis. Reimbursement shall be made for the parts actually replaced, based on paid bills of the suppliers of the parts.	
PORTABLE FIRE EXTINGUISHERS		
3.1	All Extinguishers shall be numbered and inventory shall be maintained.	
3.2	One number Carbon Dioxide Cylinders shall be tested by partial release of gas and refilled within one week. Cost to be included in AMC.	8
3.3	One number DCP Cylinder be fully discharged and refilled within one week. Cost to be included in AMC	16
3.4	One number water Co2 Fire Extinguishers to be tested by full discharge and refilled within one week. Cost to be included in AMC	8
3.5	All extinguishers and boxes shall be cleaned	2

Bhopal Memorial Hospital & Research Centre, Bhopal
BMHRC/Tender/ES/Fire & Safety/2017-18/04

S. No	Item of Work	Interval of Testing (In weeks)
3.6	All extinguishers shall be pressure tested every year and water type extinguishers shall be refilled with potable water (tube well water shall not be allowed). The Cartridge of extinguishers shall be weighed and refilled if required. Complete inventory shall be maintained in Log Book on a Monthly basis.	
3.7	Not more than 10% of extinguishers of each type shall be kept inoperative at any time. Inoperative extinguishers shall be replaced /refilled within 7 days. The cost of refilling shall be borne by Contractor. In case of any delay in carrying out of such works, a fine of Rs. 500/- per hour shall be imposed.	
HYDRANT SYSTEM		
4.1	One hydrant externally and one of Terrace shall be tested with hose and branch pipe. the jet shall be operated for at least 2 minutes. Hose shall be dried before rolling	2
4.2	First Aid Hose Reels shall be tested by swinging it on its support and partly opening the hose and discharge of water for 60 seconds. Each Hose shall be tested. There shall be no leakage from MS Piping or from clips holding rubber or even from rubber pipe. Hose pipe shall be rolled back uniformly, line by line.	4
4.3	First Aid Hose Reel shall be extended to full length and water discharged for 120 seconds. The pipe shall be rolled back uniformly, line by line.	8
4.4	Internal Hose Cabinet shutters (including glass) shall be cleaned every week. Dust and dirt within cabinet shall be removed in 4 week	As required
4.5	Hydrant of each floor shall be tested with hose and branch. the agency shall make all arrangements for disposal or water in the premises so that there is no damage. The hose can be laid along the staircase down to the ground floor and discharged out sides. After the hydrant on the 4 th floor is tested, the hose should be removed and connected to the hydrant on the lower floor, and so an.	8
4.6	Any line rupture affecting at least 4 hydrants should be repaired within 12 hours. Others repairs should be carried out within 24 hours. In case of any delay in carrying out of such works, a fine of Rs. 500/- Per hour shall be imposed.	
4.7	The AMC shall include repair or replacement of hose clips, hose nozzles, hydrant lugs, lug springs, hydrant rubber rings, hand wheel.	
PUMPING SYSTEM		
5.1	Each Pump should be tested for at least 60 seconds every day. Discharge of water should be from hydrant or through a test line. Unnecessary sound and vibration should be noted and corrected.	Daily
5.2	Pump automotation should be checked	1
5.3	Voltage and current should be recorded prior to testing	1
5.4	Greasing to be carried out as per manufactures recommendations. Cost to be included in CAMC.	As required
5.5	Pump sets including foundation shall be cleaned with dry cloth and subsequently with kerosene dipped brush.	4
5.6	Close and open all valves in Pump House to remove internal coating on the seat. Wherever possible, where an outlet is available after the location of the valve, then the outlet should be opened and the valve should be closed. No water discharge should be seen through the valve.	1
5.7	The pump repeater panel shall also indicate whenever a pump has been tested.	1
6.8	Underground & Overhead Fire Tanks shall be drained and cleaned of any debris, muck and slime.	52
6.9	Any line rupture affecting the pump should be repaired within 12 hours. Other repairs should be carried out within 24 hours. In case of any delay in carrying out of such works, a fine of Rs. 500/- per hour shall be imposed.	
6.0	Maintenance of records & log books The agency shall maintain a log book of all activities and the manning staff. Inventory of equipments and spare stocks shall also be maintained. The agency shall provide to the Owner in a an A4 format file a summary of works carried out, its reports and materials requiring replacement on monthly basis.	

Note : The agency shall depute trained technicians/supervisors at site everyday (for 24 hours in 2-3 shifts) including Saturdays, Sundays and Holidays, for supervising the maintenance work. He should also guide/help security personnel of the office in case of any fire incident. These trained technicians/supervisors must also be available on call during off- duty hours in case of emergency.

F. SPECIAL TERMS & CONDITIONS

RENEWAL OF NO OBJECTION CERTIFICATE

Renewal of Fire NOC from Fire Brigade (Fire Official, Bhopal) will be obtained by the contractor at his cost however the necessary license fee will be borne by BMHRC.

1. DUTIES OF STAFF

To attend all type of minor or major breakdown immediately. The successful Tenderer shall arrange the duties of their staff in consultation with HOD/In-charge Supervisor of Department.

The CAMC Agency will provide operators for 24x7 operations of the Fire Pump and all allied accessories associated with fire fighting services and fire detection and alarm services installed at Hospital, R&T Centre and Residential Complex.

The Fire Operators shall be a qualified Fire Technician and should have done certified Fire Fighting course from a Govt. Recognized Fire / Safety Training Institute.

The Fire Operators & Fire Technician shall be conversant with the use of Fire Hydrant System including FDA System Electrical Pumps & Fire Extinguishers and shall take necessary action in case of activation of Fire Alarm System under Emergency. The Operators & Technician shall be medically fit, mentally sound and possess good physique. The Fire Operators will not leave their place of duty. The CAMC Agency will arrange to send a relief wherever the regular Fire Operators is (are) absent or on leave.

The CAMC Agency will take full responsibility for all acts of commission and omissions by their employees posted at the Pump House and will meet all liabilities arising out of such situations.

Neither the CAMC Agency nor any of their employees will have any claim against the BMHRC for any liability arising out of any commission/omissions caused by their Fire Operators while on duty except the CAMC charges payable to the agency.

The agency shall be absolutely responsible for the payment of salary, and all other statutory obligations for the Fire Operators & Fire Technician employed on account of safety / wages, bonus, arrears, employment, termination benefit, compensation or other claim whatsoever and the BMHRC has no connection in relation to such matters.

In case of any mishap sustained by Fire Operator & Fire Technician of whatsoever nature (minor / major) the responsibility of granting compensation, if any, on the count will be that of the CAMC Agency.

The CAMC Agency shall furnish the names, permanent & local addresses and Police verification report, of the Fire Technician & Operators being posted at BMHRC premises along with their latest Photographs.

2. DUTIES AND RESPONSIBILITIES OF THE BIDDER:

1. The Bidder shall carry out all work with utmost care, giving due consideration to safety which shall not be compromised under any circumstance.

2. The Bidder shall be responsible for taking good care of all specialized equipments, tools and tackles used for its works. It should bring to the notice of the BMHRC the works that are required to be undertaken in time. In case any damage is caused to the equipments due to the gross negligence of any of the employees of the Bidder, Bidder undertakes to indemnify the BMHRC for such damages. The amount of damages quantified at the discretion of the Director BMHRC shall be final & binding on the Bidder. The BMHRC, BHOPAL shall be at liberty to deduct such amount of damages from any dues payable to the Bidder.
3. The Bidder shall not assign the contract or sublet any portion of the contract. In case of breach of this condition, BMHRC, BHOPAL will serve a notice in writing on the Bidder rescinding the contract where upon the security deposit/performance bank guarantee shall stand forfeited to BMHRC, BHOPAL without prejudice to other remedies against the Bidder.
4. The Bidder must be having atleast a qualified Fire Engineer [BE / Diploma (3 years)] whom should have working experience in handling of such jobs.
5. The employees deployed by the successful Bidder should observe the discipline and should see that the decency and decorum are maintained within the course of their employment.
6. The Bidder should furnish the quarterly/ yearly maintenance schedule in consultation with Supervisor Fire & Safety.
7. All personnel employed by the Bidder shall be medically fit and having good health.

3. MANPOWER

The firm shall keep a minimum team of 6 (Six) persons (excluding reliever) in 24 hours and at least two persons shall be available at all times. Fire Technician should have 5 years experience in Fire Fighting & Fire Alarm System and Fire Operator should 2 years experience in the same field. The firm is also submit the list of six numbers manpower's as documentary evidence before start of the work. Out of six persons three Fire technician and three Fire Operator should be deployed daily.

The deployed manpower to BMHRC by the agency must have their Identity Cards, Properly Uniformed, with Safety Boots and having the essentially required tools, tackles to handle any fire emergency situations.

Total manpower required and hours of duty of them are as mentioned below : For sub – head -I (6 Persons)

Sl. No	Manpower	Qty.	Duty Hours
1	Fire Technician (Skilled)	3 nos. (1 in each shift of 8 hours)	7.00AM to 3.00 PM 3.00 PM to 10.00 PM 10.00PM to 7.00 AM
2	Asst Fire Operator (Semi Skilled)	03 nos. (1 in each shift of 8 hours)	7.00AM to 3.00 PM 2.00 PM to 10.00 PM 10.00PM to 7.00 AM

The contractor has to ensure payment on the basis of current minimum wages rates applicable in the Bhopal, circle as per Central Govt. Rules to the workers deployed at BMHRC Hospital & Health Centres. The contractor will have to make payment through cheque after opening of individual bank account for the workers deployed at BMHRC and also forward the copy of the monthly bank statements of the concerned workers to BMHRC after depositing the cheques. Further, the copy of ESI cards, EPF No. issued to the workers should also be submitted to BMHRC.

4. PENALTY

Penalty will be imposed at the following rates for absence of contractor's Fire Technician & Operator during contract period.

a) Absence of Fire Technician @ 500/- per day.

b) Absence of Fire Operator @ 350/- per helper per day.

Further in case of non- operation of any systems, penalty as below will be imposed.

In minor complaints – if the firm does not attend within 24 hrs of the lodging of complaint, a penalty of Rs. 500/- per day will be imposed till the defect is rectified.

In major complaints – If the firm does not attend within 48 hrs of the lodging of complaint, a penalty of Rs. 1000/- per day will be imposed till the defect is rectified.

If the defective equipment is liable to take longer time for repairing, the firm will provide alternative equipment (free of charge) till the faulty equipment is repaired and re-fixed. It is to mention that the penalty charges will start after 48 hrs if the faulty equipments is not replaced with standby equipment.

After expiry of the contract, the firm will have to hand over complete system along with all the accessories to the department in fully functional condition.

5. DETAILS OF EQUIPMENTS INSTALLED FOR FIRE HYDRANT SYSTEM AT BMHRC (Annexure B)

Sl. No	Name of major & minor equipments	Quantity
1	Jockey Fire Pump : Kirlosker make, type – DB40/26, RPM-2900, Capacity 20 HP	01 No.
2	Main Pump : Kirlosker make, type – DSM 100/36, RPM -1470, Capacity 60 HP	02 Nos.
3	Electric Main Control Panel (At pump house)	04 Nos.
4	Terrace pump : Kirlosker make, type – UP 80/38, RPM-1450, Capacity 15 HP	05 Nos.
5	Electric Main Control Panel (At Block – V & VI Terrace)	05 Nos.
6	Sump pump : Kirlosker make, type – SP-3L+M, RPM-1420, Capacity 5 HP	02 Nos.
7	Internal hydrant box with 63mm hydrant valve & hose reel drum	32 Nos.
8	External hydrant box with 63mm hydrant valve & hose reel drum	52 Nos.
9	Fire Brigade collecting head two way : Make NEWAGPE	06 Nos.
10	Fire Brigade collecting head four way : Make NEWAGPE	01 No.
11	Cylindrical type airvessel	06 Nos.
12	Hose pipe	40 Nos.
13	Gun metal branch pipe (Nozzle)	74 Nos.
14	Nozzle (PVC – Make)	10 Nos.
15	Sluice valve of various sizes 150mm dia (Kalpana – Make) Sluice valve 100mm dia (Kalpana – Make) Sluice valve 80mm dia (Kalpana – Make)	104 Nos.
16	Non return valve of various sizes 150mm dia (Kalpana – Make) Non return valve 100mm dia (Kalpana – Make)	25 Nos.
17	Butterfly valve of various sizes 150mm Butterfly valve 100mm	16 Nos.
18	Quartorised glass bulb type sprinkler	85 Nos.
19	Alarm Control valve 100mm	01 No.
20	Pressure gauge	09 Nos.
21	Pressure switch	02 Nos.
22	Fire bucket	10 Nos.
23	Fire Extinguishers Co2 - 4.5 kg (Fire Fight)	128 Nos.
24	Fire Extinguishers Co2 - 2 kg (Fire Fight)	57 Nos.
25	Fire Extinguishers Water Co2 – 9 ltr. (Fire Con & Zeo Fire)	84 Nos.
26	Fire Extinguishers ABC - 1 kg	04 Nos.
27	Fire Extinguishers ABC – 2 kg	06 Nos.
28	Fire Extinguishers ABC – 5 kg	24 Nos.
29	Fire Extinguishers DCP – 5 kg	03 Nos.
30	Fire Extinguishers DCP – 10 kg	03 Nos.

Sl. No	Name of major & minor equipments	Quantity
31	Fire Extinguishers Foam – 9 Ltr.	02 Nos.
32	Fire Extinguishers Foam – 45 Ltr.	01 No.
	Fire Alarm System	
33	FDA Panel (Phillips – make)	28 Nos.
34	FDA Panel (Agni – make)	02 Nos.
35	Repeater Panel	02 Nos.
36	Smoke detector (Edwards – make – 1139 & Apollo – Make - 45)	1184 Nos.
37	Heat detector (Edwards – make)	35 Nos.
38	Response indicator (Phillips – make)	513 Nos.
39	MCP Glass (Phillips – make 126 & Agni - 04)	130 Nos.
40	Hooter (Phillips – make 106 & Agni - 24)	130 Nos.

6. PAYMENTS

1. Advance payments will not be made against work order.
2. Payment will be made after rendering satisfactory services for every month and receipt of Invoice with related service reports and making all necessary deductions of dues & penalties as contemplated under the contract.
3. Payments will be made through RTGS / NEFT. Bidders should provide their bank details duly signed by authorized signatories along with the copy of cancelled Cheque.
4. Service tax will be reimbursed after receipt of the proof of payment made to the concerned authorities.
5. Any increase/ decrease in VAT/ GST will be born by BMHRC/ Vendor.
6. TDS will be deducted as per prevailing rules.

7. DURATION OF WORK:

Initially contract will be awarded to successful bidder for period of the two year and based on the performance and services rendered may be extended for further more 1 year with same terms and conditions.

8. SECURITY DEPOSIT (SD):

The contractor should deposit 10% of PBG as a security Deposit within 15 days after receipt of LOI. After receipt of PBG, EMD will be refund within 7 days.

Security Deposit will be refunded beyond six months after successful completion of the AMC period. In case of unsatisfactory performance by the Contractor Security Deposit (10%) will be forfeited.

9. TERMINATION OF THE AGREEMENT:

During the currency of this agreement, the BMHRC, BHOPAL shall have the right to terminate this agreement if it is not satisfied with the performance of the Bidder by giving it minimum 30 days' notice in writing. For this purpose, the BMHRC, BHOPAL shall be the sole Judge to decide whether the performance of the Bidder is satisfactory or not and such decision of the BMHRC, BHOPAL shall be

final, conclusive and binding on the Bidder and the Bidder shall not be entitled to any compensation in that regard. Further if on account of non-renewal of the contract and/or termination of this contract, the Bidder has to terminate its employees, then it shall be the responsibility of the Bidder to pay the legal dues to its employees. In the event of noncompliance of legal requirements Bidder shall be liable for all the costs and consequences.

10. FORCE MAJEURE:

If at any time during the currency of the contract, either party is subject to force majeure, which can be termed as civil disturbance, riots, strikes, tempest, acts of God etc. which may prevent either party to discharge his obligation, the affected party shall promptly notify the other party about the happening of such an event. Neither party shall by reason of such event be entitled to terminate the contract in respect of such performance of their obligations. The obligations under the contract shall be resumed as soon as practicable after the event has come to an end or ceased to exist. The performance of any obligations under the contract shall be resumed as soon as practicable after the event has come to an end or ceased to exist. If the performance of any obligation under the contract is prevented or delayed by reason of the event beyond a period mutually agreed to if any or seven days, whichever is more, either party may at its option terminate the contract.

11. ARBITRATION:

1. Any dispute arising out of this contract including any clarification as to the intent or interpretation of any of the provisions of these terms and conditions, the same shall be first referred to /sought from the Director, BMHRC, BHOPAL, whose decision in the matters shall be final and binding on the Bidder. Any other matter relevant to but not covered in the contract shall also be decided by making reference to the Director, BMHRC, BHOPAL whose decision will be final and binding on the Bidder.
2. The Bidder and the BMHRC, BHOPAL shall make every effort to resolve any dispute or disagreement amicably by direct informal negotiations. However, in case of any unresolved issues / disagreements / disputes in connection with the contract, the same shall be settled through Arbitration Act 1996 or through Court of Law within the Jurisdiction of Bhopal. The resultant contract will be interpreted under Indian Laws.
3. **Note:** The quoted rate of the contracting Bidder shall be deemed to have taken into account all the conditions mentioned above. The Bidder shall visit the BMHRC, BHOPAL premises and properly assess the scope of work. It shall be presumed the Bidder had inspected the premises and made proper assessment and requirements. Once the rate is quoted and accepted and then subsequently, the Bidder shall not raise any dispute that the rate quoted was less without considering the actual requirements.

Signature and seal of the Bidder

Date:

Address:

ENCLOSURES

ANNEXURE – I

To,

The Director
Bhopal Memorial Hospital & Research Centre,
Raisen Bypass road, Karond,
Bhopal (M.P.) 462038

Subject: Tender for "OPERATION & COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT OF FIRE DETECTION & ALARM, FIRE FIGHTING SYSTEM, INSTALLED AT BMHRC, BHOPAL.

Dear Sir,

With respect to the tender enquiry, I / We hereby submit my / our tender in a required format.

I / We have adhered to the requirements prescribed by BMHRC, Bhopal. I / We have carefully gone through the guidelines / terms and conditions and prescribed format and I / We accept the same without any alternations / modifications.

Thanking you,

Yours faithfully,

Signature and seal of bidder

Date:

Address:

ANNEXURE-II

CERTIFICATE FOR THE SITE INSPECTION

I / We (M/s. _____) have certified that we have visited the site on _____ and assessed the nature and amount of work involved before submitting our offer.

We will be able to complete the works within the stipulated time and also that we will be able to execute the work suit to the site conditions.

Bidder Signature and seal with date

BIDDER DETAILS

	Earnest Money Deposit (EMD) (To be enclosed with Technical Bid)	DD no: _____ dated _____ name of the Bank _____ in favour of The Director, BMHRC, payable at Bhopal		
No.	Required Information			
1	Name and registered address of the Individual/firm/company			
2	Legal status (Individual / proprietor, partnership firm, limited company, corporation, cooperative society, etc.)			
3	Name of the contact person, Designation, Telephone No., Fax No., E-mail id			
4	Month and Year of commencement of service business.			
5	Statutory details (Photocopies to be attached)			
5.1	Registration number of the firm. (As per Shop and Establishment act.)			
5.2	Registration number under MP Fire Service			
5.3	Service Tax – Registration number			
5.4	VAT No. – Registration number			
5.5	PAN No.			
5.6	E.S.I No.			
5.7	P.F. No.			
6	An undertaking on letterhead that the Tenderer has never blacklisted during last 5 years			
7	The Tenderer should enclose an undertaking on letterhead that there is no ongoing police case / vigilance inquiry against the Tenderer or / and its Partners / Directors of the company and he / she has never been convicted or punished by any Honorable Court of Law			
8	Financial Capabilities Attach last 3 years income tax returns, audited statement of accounts, balance sheet and profit loss statement certified by CA.			
	Details	FY 2012-13	FY 2013-14	FY 2014-15
i.	Annual Turnover			
ii.	Net Profit			
iii.	Loss if any			

Date:

Address:

Signature and seal of Bidder

ANNEXURE IV

Description of similar work of Maintenance for “**OPERATION & COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT OF FIRE DETECTION & ALARM, FIRE FIGHTING SYSTEM, INSTALLED AT BMHRC, BHOPAL**” executed during the last five years

(Please furnish copies of completion certificate from the Government Department / Organization etc.)

Description of the work /order executed	Actual value of work/order executed	Name of the Govt. Dept./ Organization etc.	Work Period			Name and Contact number of the Officer to whom reference may be made
			Start date	Finish Date	Stipulated date	

Signature and seal of Bidder

Date:

Address:

ANNEXURE V

FORM OF BANK GUARANTEE BOND

In consideration of **THE DIRECTOR** (herein after called "**BMHRC, BHOPAL**") having offered to accept the terms and conditions of the proposed agreement between and(hereinafter called "the said Contractor(s)") for the work(hereafter called "the said agreement") having agreed to production of an irrevocable Bank Guarantee for (Rs only) As a security / guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We (Hereinafter referred to as "the Bank") hereby (Indicate the name of the Bank) undertake to pay to the **BMHRC, BHOPAL** an amount not exceeding (Rupees only) on demand by the **BMHRC, BHOPAL**.
2. We do hereby undertake to pay the amounts due (indicate the name of the Bank) and payable under this Guarantee without any demure, merely on a demand from the **BMHRC, BHOPAL** stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding (Rupees only).
3. We, the said bank further undertake to pay to the **BMHRC, BHOPAL** any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment.
4. Wefurther agree that the guarantee herein (indicate the name of the bank) contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the **BMHRC, BHOPAL** under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in-Charge on behalf of the **BMHRC, BHOPAL** certified that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor(s) and accordingly discharges this guarantee.
5. We further agree with the **BMHRC, BHOPAL** that (indicate the name of the bank) the **BMHRC, BHOPAL** shall have the fullest liberty without our consent and without effecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the **BMHRC, BHOPAL** against the said contractor(s) and to for bear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said contractor(s) or for any forbearance, act of omission on the part of the **BMHRC, BHOPAL** or any indulgence by the **BMHRC, BHOPAL** to the

said Contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).
7. Welastly undertake not to revoke this (indicate the name of the bank) guarantee except with the previous consent of the **BMHRC, BHOPAL** in writing.
8. This guarantee shall be valid upto unless extended on demand by **BMHRC, Bhopal**. Notwithstanding anything mentioned above, our liability against this guarantee.....is restricted to (Rupees only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated the day of for

(Name of bank)

ANNEXURE- VI

AGREEMENT

This Agreement is made on the ___ day of _____ 2016 between ;

(1) **BMHRC, Bhopal**, a Govt Institute functioning under the administrative control of Dept of Health Research Indian Council of Medical Research, Ministry of Health & Family Welfare, Government of India (Hereinafter referred to as “BMHRC”) PARTY OF THE OF THE FIRST PART, and

(2) {Name of Agency with address}, (Hereinafter referred to as “Agency”) PARTY OF THE OF THE SECOND PART.

WHEREAS the BMHRC invited bids for “**OPERATION & COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT OF FIRE DETECTION & ALARM, FIRE FIGHTING SYSTEM, INSTALLED AT BMHRC, BHOPAL**” and has accepted a Bid by the Agency for the same in the sum of (Rupees). (Hereinafter referred to as “The Contract Price”)

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

01. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

02. The following documents shall constitute the Contract between the BMHRC and the Agency, and each shall be read and construed as an integral part of the Contract:

- (1) This Contract Agreement
- (2) General Terms and Conditions of Contract
- (3) Special Conditions of Contract
- (4) Technical Requirements (including Schedule of Requirements, Scope of the Work and Technical Specifications)
- (5) The Agency’s Bid and original Price Schedules
- (6) Work order
- (7) {Add if any other documents.}

03. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the BMHRC to the Agency as hereinafter mentioned, the Agency hereby covenants with the BMHRC to Annual Maintenance Contract for Fire Fighting Equipments and Hydrant Systems at BMHRC, Bhopal and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The BMHRC hereby covenants to pay the Agency in consideration of the Annual Maintenance Contract for Fire Fighting Equipments and Hydrant Systems at BMHRC, Bhopal and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed accordingly on the day, month and year indicated above.

For and on behalf of the BMHRC, Bhopal

For and on behalf of the Agency

Signed:

Signed:

Designation:

Designation:

In the presence of Witness

In the presence of Witness

Name:

Name:

ANNEXURE VII

Date:

UNDERTAKING

(ON LETTER HEAD)

I / We M/s _____ hereby agreed on accepting the lowest quoted rates by the eligible bidders of each respective items mentioned in Part B-II of financial bid in case the tender is awarded to our agency.

(Authorized Signature)

Name of the agency with seal

Date:

FINANCIAL BID

BHOPAL MEMORIAL HOSPITAL & RESEARCH CENTRE

Under Department of Health Research, Ministry of Health & Family Welfare, Government of India

Raisen Bye Pass Road, Bhopal — 462 038 (M.P.)

Phones : + 91 755-2742212-16, Fax : + 91 0755-2748309

Website : www.bmhrc.org

PART A - I

SERVICING & MAINTENANCE CHARGES PER ANNUM OF FIRE EXTINGUISHERS INSTALLED AT BMHRC & HEALTH CENTRES

A	Portable Fire Extinguishers	Qty	Unit Rate	Total Amount (Per Annum)
		Nos.	(Rs)	(Rs)
1	Fire Extinguishers Co2 – 4.5 Kg (Fire Fight)	128 nos		
2	Fire Extinguishers Co2 – 2 Kg (Fire Fight)	57 nos		
3	Fire Extinguishers Water Co2 – 9 Ltr (Fire Con & Zeo Fire)	84 nos		
4	Fire Extinguishers ABC – 1 Kg	04 nos		
5	Fire Extinguishers ABC – 2 Kg	06 nos		
6	Fire Extinguishers ABC – 5 Kg	24 nos		
7	Fire Extinguishers DCP – 5 Kg	03 nos		
8	Fire Extinguishers DCP – 10 Kg	03 nos		
9	Fire Extinguishers Foam – 9 Ltr	02 nos		
10	Fire Extinguishers Foam – 45 Ltr	01 nos		
Part A - I Amount per Annum (Rs)				
Service Tax () (Rs)				
Total Amount per Annum (Rs)				

Service of fire extinguisher included to ensure the functioning of accessories attached with fire extinguishers such as hose pipe, valve, pressure gauge, union, safety valve, horn, cap etc are to be in functional condition as per IS codes & guidelines of fire safety licensing authority.

Services also include painting of all fire extinguishers body.

Name of the agency

Sign & Seal

Date

BHOPAL MEMORIAL HOSPITAL & RESEARCH CENTRE

Under Department of Health Research, Ministry of Health & Family Welfare, Government of India

Raisen Bye Pass Road, Bhopal — 462 038 (M.P.)

Phones : + 91 755-2742212-16, Fax : + 91 0755-2748309

Website : www.bmhrc.org**PART A (II)****1. REFILLING CHARGES FOR FOLLOWING EXTINGUISHERS AS PER ISI:**

No	Particulars	Capacity	Qty	Unit Rate	VAT Tax	Total Amount
			No.	(Rs)	(____%)	(Rs)
1	Fire Extinguishers Co2	4.5 kg	128			
		2 kg	57			
2	Fire Extinguishers Water Co2	9 ltr	84			
3	Fire Extinguishers ABC	1 kg	04			
		2 kg	06			
		5 kg	24			
4	Fire Extinguishers DCP	5 kg	03			
		10 kg	03			
5	Fire Extinguishers Foam	9 ltr	02			
		45 ltr	01			
Part A (II) Amount per month (Rs)						
VAT amount						
Total amount per annum (Part A-II)						

These extinguishers are installed at BMHRC & its Health Centres which are required to be refilled after their expiry period the cost should be inclusive of transportation charges & other incidental charges.

Name of the agency

Sign & Seal

Date

Part B - I

B. Fire Fighting System (Hydrant System): Charges for the work of comprehensive maintenance including Oiling, Greasing, servicing, cleaning & replacement of gas kit, washer, rubber beading, Hydrant glass & repair

B	List of equipment, accessories & parts to be maintained	Qty	Unit Rate (Per Quarter)	Total Amount (Per Annum)
		Nos.	(Rs)	(Rs)
1	Fire Fighting Jockey Pump-20HP, 3 Phase, 440 Volts With Electrical Main Control Panel and pressure gauge 1 no (At Pump House) & 1 no pressure gauge & 2 nos pressure switch Kirlosker make	01		
2	Fire Fighting Main Pump-60HP, 3 Phase, 440 Volts With Electrical Main Control Panel and pressure gauge 2 no (At Pump House) Kirlosker make	02		
3	Sump Pump-5HP, 3 Phase, 440 Volts With Electrical Main Control Panel (At Pump House) Kirlosker make	01		
4	Fire Fighting Terrace Pump-15HP, 3 Phase, 440 Volts With Electrical Main Control Panel & Pressure gauge (At Block 6 Terrace- 3no And Block 5 Terrace- 2 Nos) Kirlosker make	05		
5	Sump Pump-5HP, 3 Phase, 440 Volts With Starter (At Basement) Kirlosker make	01		
6	Internal Hose Cabinet With Glass Door And Locking Arrangement With 63mm Leading Valve, Hose Reel And 20mm Dia Nozzle	32		
7	External Hose Cabinet With Glass Door And Locking Arrangement With 63mm Lending Valve, One 100mm Sluice Valve And 20mm Dia Nozzle	52		
8	Fire Brigade Collecting Head Two Way With Sluice Valve And NRV Complete Set	06		
9	Fire Brigade Collecting Head Four Way With Sluice Valve And NRV Complete Set	01		
10	Quartorised Glass Bulb Type Sprinkler System With Alarm Control Valve, 100mm (At Basement)	85		
11	Fire Syntax Water Tank- 5000 Ltr Capacity (At Block 6 Terrace- 6 Nos And Block 5 Terrace- 2 Nos)	8		
12	Pipe Line U/G MS Pipe Line 150mm Dia – 1220mtr U/G MS Pipe Line 100mm Dia – 805.6 Mtr A/G GI Pipe Line 150mm Dia – 890 Mtr A/G MS/GI Pipe Line 100mm Dia – 1001.09 Mtr A/G MS Pipe Line 80mm – 476.18 Mtrs With Cylinder Type Airvessal 6 Nos, Sluice Valve-100mm-32no, 80mm-3 No, 150mm-17nos, NRV 150mm-3nos, NRV 100mm-22nos, Butterfly Valve 150mm-7nos, 100mm-9nos	4392.87 mtrs		
13	Fire Bucket	10		
14	Hose Pipe	32		
15	U/G Fire Water Storage Tank Capacity 2 Lacs Ltr (At Pump House)	01		
	Fire Alarm System			
1	FDA panel with 2 nos battery each panel (Philips make)	28		
2	FDA panel with 2nos battery each panel – (Agni make)	03		
3	Repeater panel	02		
4	Smoke detector	1192		
5	Heat detector	35		
6	Response indicator	517		
7	MCP glass	120		
8	Hooter	122		
		Part (B) Amount per month (Rs)		
		ServiceTax () (Rs)		
		Total Amount per Annum (Rs)		

BHOPAL MEMORIAL HOSPITAL & RESEARCH CENTRE

Under Department of Health Research, Ministry of Health & Family Welfare, Government of India

Raisen Bye Pass Road, Bhopal — 462 038 (M.P.)

Phones : + 91 755-2742212-16, Fax : + 91 0755-2748309

Website : www.bmhrc.org**Part B-II****2. RATES FOR SPARES: (IF REQUIRED)**

No	Type of Fire Extinguisher	Qty	Unit Rate	VAT	Total Amount
		No.	(Rs)	(____%)	(Rs)
A	Hydrant System				
	RRL Hose 63 mm dia complete with male and female couplings S.S. 15 mtr. Length. ISI Mark	01			
	Coupling binding on old RRL hose with Male and Female couplings ISI Mark	01			
	Inner set washer Hydrant Valve :63mm	01			
	'O' ring for hydrant valve :63mm	01			
	Hose reel complete with rubber hose of 20 mm dia and nozzle.30mtr long ISI Mark	01			
	RRL Hose 63 mm dia complete without male and female couplings S.S. 15 mtr. Length. ISI Mark	01			
	Rubber coupling for jokey pump 20HP, 3 phase 440 volts, Kirlosker make	01			
	Rubber coupling for main pump 60HP, 3 phase 440 volts Kirlosker make	01			
	Rubber coupling for terrace pump 15HP, 3 phase 440 volts Kirlosker make	01			
	Shaft for jokey pump 20HP, 3 phase 440 volts Kirlosker make	01			
	Shaft for main pump 60HP, 3 phase 440 volts Kirlosker make	01			
	Shaft for terrace pump 15HP, 3 phase 440 volts Kirlosker make	01			
	Bush for jokey pump 20HP, 3 phase 440 volts Kirlosker make	01			
	Bush for main pump 60HP, 3 phase 440 volts Kirlosker make	01			
	Bush for terrace pump 15HP, 3 phase 440 volts Kirlosker make	01			
	Bearing for jokey pump 20HP, 3 phase 440 volts Kirlosker make	01			
	Bearing for main pump 60HP, 3 phase 440 volts Kirlosker make	01			
	Bearing for terrace pump 15HP, 3 phase 440 volts Kirlosker make	01			
	Impeller for jokey pump 20HP, 3 phase 440 volts Kirlosker make	01			
	Impeller for main pump 60HP, 3 phase 440 volts Kirlosker make	01			
	Impeller for terrace pump 15HP, 3 phase 440 volts Kirlosker make	01			
	Motor binding for jokey pump 20HP, 3 phase 440 volts Kirlosker make	01			
	Motor binding for main pump 60HP, 3 phase	01			

No	Type of Fire Extinguisher	Qty	Unit Rate	VAT	Total Amount
		No.	(Rs)	(____%)	(Rs)
	440 volts Kirlosker make				
	Motor binding for terrace pump 15HP, 3 phase 440 volts Kirlosker make	01			
	Motor binding for Sump pump 5HP, 3 phase 440 volts Kirlosker make	01			
	Bearing for Sump pump 5HP, 3 phase 440 volts Kirlosker make	01			
	Shaft for Sump pump 5HP, 3 phase 440 volts Kirlosker make	01			
	Impeller for Sump pump 5HP, 3 phase 440 volts Kirlosker make	01			
	Bush for Sump pump 5HP, 3 phase 440 volts Kirlosker make	01			
	Fuse for pump electrical panel	01			
	Starter for jokey pump 20HP, 3 phase, 440 volts	01			
	Starter for Sump pump 5HP, 3 phase, 440 volts	01			
	Starter for Main pump 60HP, 3 phase, 440 volts	01			
	Starter for Terrace pump 15HP, 3 phase, 440 volts	01			
	Auto switch for jokey pump 20HP, 3 phase, 440 volts	01			
	Auto switch for Main pump 60HP, 3 phase, 440 volts	01			
B	FDA system				
	Smoke detector make Adward / Apollo	01			
	Heat detector make Adward / Apollo	01			
	Response indicator make Philips/Agni	01			
	Break glass unit make Philips / Agni	01			
	Hooter make Philips / Agni	01			
	Zone card for FDA panel (Philips make)	01			
	Zone card for FDA panel (Agni make)	01			
	Power supply transformer for FDA panel	01			
	Motherboard for FDA panel (Philips make)	01			
	Motherboard for FDA panel (Agni make)	01			
	Battery for FDA panel (12 volte, 15Ah)	01			

In the evaluation of financial bid Part B-II rates/amount will not be considered.

- a. For replacement / repair of the items listed above labour charges will not be paid and instead considered as included in the CAMC.
- b. Tenderer has to submit an undertaking as per the attached format (Annexure VII) that if the work is awarded to the agency it will agreed on accepting the lowest rates quoted by eligible bidders of respective items in Part B-II for reimbursement on behalf of BMHRC against the supplied items as per the requirement.

Signature and seal of the Bidder

Date:

Address:

BHOPAL MEMORIAL HOSPITAL & RESEARCH CENTRE
Under Department of Health Research, Ministry of Health & Family Welfare, Government of India
Raisen Bye Pass Road, Bhopal — 462 038 (M.P.)
Phones : + 91 755-2742212-16, Fax : + 91 0755-2748309
Website : www.bmhrc.org

FINANCIAL BID PART-(C)
C – OPERATIONAL SYSTEM

I. Name of the Tenderer

I. MANPOWER CHARGES (Minimum wages rate applicable at Bhopal Central Government as on 01-04-2017)							
Sl no	Type of man power	Rate per month per worker (30 days)				Total Nos. (h)	Amount per month (i)
		Amt. per worker (c & d)	EPF @ 13.36% (e)	ESI @ 4.75% (f)	Total (g)		
A	Fire Technician (Certified Fire Fighting Course from Govt. Recognized Fire / Safety Training Institute with 5 years experience, including relievers)	17790/- @ 593/ day	2376.74	845.03	21011.77	03 Nos. Skilled	63035.31
B	Asst Fire Operator (Should have 2 years experience in Fire Fighting & Fire Alarm System, including relievers)	13440/- @ 448/ day	1795.58	638.40	15873.98	3 nos. (1 in each shift of 8 hours) Semi Skilled	47621.95
TOTAL For 1 (One) Month I (A+B)							110657.30
Manpower charges claimed as wages by the contractor shall be reimbursed on the basis of payment made by contractors to their workers deployed at BMHRC.							
II A.	Charges for providing Uniform, I-Card to all the workers & Gum boots, hand gloves Safety Goggles, Masks tools & tackles to handle any fire situation to whom required as per works allocation /month.						
TOTAL For 1 (One) Month II							
III. Management/Service Charges : Amount per month							
A	Service charges / management fee which should include : All expenditure on providing managerial / supervisory/administrative services by all means to get the work done through deployed Fire Fighting & Fire Alarm System staff. This shall be based on total amount of (I A,B + II A) in percentage.					%	
TOTAL For 1 (One) Month III (A)							
Total of I (A+B) +II (A)+ III(A) (Rs. / MONTH)							
Total of I (A+B) +II (A)+ III(A) (Rs. / YEAR)							

Total Amount of (A-I + A-II):

Total Amount of (B-I):

Total Amount of (C, Per Year):

Total Amount of [A (I+II) +B-I)+C Per Year] in Words:

Total Amount of [A (I+II) +B-I)+C Per Year] in figure:

Note : (A) The minimum wage rates of manpower is as per Central Labour Rules and shall vary according to the amendments/increments enforceable by Govt. from time to time, however the offered rate/amount of items no. **II (A)**, shall remain constant.

(B) The agency will have to provide two sets of uniform per year including I Cards to all the workers & gum boots and hand gloves, safety goggles, masks (to whom required as per work allocation) of good quality & apprise will be approved by the competent authority of BMHRC, the dress includes full trousers, & shirt with full sleeves.

Any additional statutory financial implication on account of increase or imposition of new elements in perks, wages, tax etc. by Govt or local authority during the duration of contract apart from the financial parameters considered in the Annexure C, quoted by the bidder in the tender and will be reimbursed to the contractor on actual expenditure basis without the provision of service charge.

The contractor has to ensure payment on the basis of current minimum wages rates applicable in the Bhopal, circle as per Central Govt. Rules to the workers deployed at BMHRC Hospital & Health Centres. The contractor will have to make payment through cheque after opening of individual bank account for the workers deployed at BMHRC and also forward the copy of the monthly bank statements of the concerned workers to BMHRC after depositing the cheques. Further, the copy of ESI cards, EPF No. issued to the workers should also be submitted to BMHRC.

Note: Quoted amount shall be inclusive of all taxes excluding Service Tax. Service Tax shall be paid if applicable.

I/we also declare that, I/we will abide by all the rules and regulation of BMHRC Bhopal, If awarded the Tender. I/we are also aware that the Director of the institute reserves his right to cancel our Tender in part or full without assigning any reason, what so ever, and for the same, I/we will have no right to challenge the same in any court of law.

Signature of Authorised Person

Date : Full Name:

Place : Company's Seal:

CHECK LIST POINTS

Sr No.	Particulars	Tick mark (✓) as for which is complied with
1	Two separate bids i.e. Technical and Commercial submitted in single envelope dully sealed.	()
2	Tender cost (Cash receipt or DD)	()
3	Earnest Money Deposit (EMD)	()
4	Copy of Registration certificate of firm	()
5	Copy of Registration Certificate from Directorate of MP Fire Service	()
6	Copy of Service Tax Registration.	()
7	Copy of PAN card with copies of last three years IT returns.	()
8	Copies of similar supporting work orders for last seven years.	()
9	An undertaking on letterhead that the Tenderer has never blacklisted during last 5 years	
10	The Tenderer should enclose an undertaking on letterhead that there is no ongoing police case / vigilance inquiry against the Tenderer or / and its Partners / Directors of the company and he / she has never been convicted or punished by any Honorable Court of Law	
11	Draft of Letter -Annexure I	()
12	Certificate for site Inspection- Annexure II	()
13	Bidder Details- Annexure III	()
14	Format for Completion of similar Work -Annexure IV	()
15	Format for Undertaking (on letter head) –Annexure VII	()

Signature and seal of Bidder

Date:

Address: