



# **Hamdard Institute of Medical Sciences & Research & Associated HAH Centenary Hospital**

Hamdard Nagar, New Delhi-110 062

Website: [www.himsr.co.in](http://www.himsr.co.in)

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## **TENDER FOR THE REPAIRING, SERVICING & COMMISSIONING OF FIREFIGHTING SYSTEM OF HIMSAR BUILDING, HAMDARD NAGAR, NEW DELHI**

### **List of Annexures:**

- Annexure A : Special terms and conditions, Specifications and scope of work
- Annexure B : Affidavit
- Annexure I : Technical Bid
- Annexure II : Financial Bid (BOQ)



**SPECIAL TERMS AND CONDITIONS, SPECIFICATIONS AND SCOPE OF WORK**

**1.0 INTRODUCTION**

HIMSR & HAHCH proposes to repairing, servicing & commissioning of firefighting system of HIMSR Building, Guru Ravidas Marg, Hamdard Nagar, New Delhi-110062.

Brief scope of work involves the following:

- 1.) Require servicing & repairing of all pumps of fire rooms & terraces.
- 2.) Require Servicing & repairing of all four way valves.
- 3.) Need to replace the nonworking non-return valve & butterfly valves with new ones.
- 4.) All rusted hose boxes need to be replaced by new ones.
- 5.) All non-working speakers & MCP need to be replaced by new ones.
- 6.) Need to replace the old existing rusted underground pipeline.

**2.0 SUBMISSION OF TENDER**

**2.1 Before submitting the Tender, the Tenderer shall visit the site at their own cost and expenses** and understand the scope of work, examine and satisfy as to the nature of the existing roads, means of communications, the character of the soil, and of the excavations, the correct dimensions of the work facilities for procuring various construction and other material and their availability, and shall obtain information on all matters and conditions as they may feel necessary for the execution of the works as intended by HIMSR and shall also satisfy of the availability of suitable water for the execution of above mentioned works and for drinking purpose and power required for fabrication work etc. Tenderer, whose tender may be accepted and with whom the Contract is entered into shall not be eligible and be able to make any claim on any of the said counts in what so ever manner for what so ever reasons at any point of time and such a claim shall not be raised as a dispute and shall not be arbitral.

**2.2** The dimensions and quantities given in the BOQ and drawings are indicative only. The actual quantity and dimensions at site may increase or decreased. Payment shall be made on the basis of actual work carried out and certified by the joint measurement of the contractor and HIMSR officer in charge.

**2.3** The quantities indicated in the Tender are approximate.

**2.4** HIMSR reserves their right to award the contract to any tenderer and their decision in this regard shall be final. They also reserve their right to reject any or all tenders received. No disputes could be raised by any tenderer(s) whose tender has been rejected.



- 2.5** The Rates quoted by the Tenderer shall include Costs and expenses on all counts viz. cost of materials, transportation of machine(s), tools, equipments, labour, power, administration charges, price escalations, profits & all taxes as per the GOI etc. Rates thus quoted are fixed and no escalation, whatsoever or labour, materials shall be payable. However, water and power may be provided by HIMSR as per availability. Shortage, if any will be arranged by the contractor. The description given in the schedule of quantities shall unless otherwise stated be held to include wastage on materials, carriage and cartage, carrying in and return of empties, hoisting, setting, fitting and fixing in position and all other expenses necessarily and for the full and complete execution and completion of works and in accordance with good practice and recognized principles in that regard.
- 2.6** In consideration for having a chance to be considered for entering into a contract with HIMSR, the Tenderer agrees that the Tender submitted by him shall remain valid for the period prescribed in the tender conditions, from the date of opening of the tender.
- 2.7** The works shall be carried out strictly as per approved specifications and drawings and as per Standard Engineering Practice and shall conform to National Building Code of India. Deviations, if any, shall have to be authorized by HIMSR Engineer in writing prior to implementing deviations. The price benefit, if any, arising out of the accepted deviation shall be passed on to HIMSR. The decision of competent authority of HIMSR shall be final in this matter.
- 2.8** The contractor shall make all arrangements at his own cost to transport the required materials outside and inside the working places and leaving the premises in a neat and tidy condition after completion of the job to the satisfaction of HIMSR. All materials shall be supplied by the contractor at his own cost and the rates quoted by the Contractor should be inclusive of all royalties, rents, taxes, duties, octroi, statutory levies, if any, etc.
- 2.9** The Contractor shall not carry on any work other than the work under this Contract within HIMSRs premises.
- 2.10** At any time after acceptance of tender, HIMSR reserves the right to add, amend or delete any work item, the bill of quantities at a later date or reduce the scope of work in the overall interest of the work by prior discussion and intimation to the Contractor. The contractor shall not claim any loss of profit if any, on account of reduction of scope of work. The decision of HIMSR, with reasons recorded thereof, shall be final and binding on both HIMSR and the Contractor. The Contractor shall not have right to claim compensation or damage etc. in that regard. HIMSR reserves the right to split the work under this contract between two or more contractors without assigning any reasons.
- 2.11** All signatures in tender document shall be dated as well as all the pages of all sections



of the tender documents shall be initialed at the lower position and signed, wherever required in the tender papers by the Tenderer or by a person holding Power of Attorney authorizing him to sign on behalf of the tenderer before submission of tender.

- 2.12** The Tender submitted by a tenderer if found to be incomplete in any or all manners is liable to be rejected. The decision of HIMSR in this regard is final and binding. In case of any error/discrepancy in the amount written in words and figures, the lower amount between the two shall prevail.

### **3.0 EXECUTION OF WORK**

- 3.1** All the works shall be executed in strict conformity with the provisions of the contract documents and with such explanatory details, drawings, specifications and instructions as may be furnished from time to time to the Contractor by HIMSR's Engineer, whether mentioned in the Contract or not.
- 3.2** The Contractor shall be responsible for ensuring that works throughout are executed in the most proper and workman- like manner with the quality of material and workmanship in strict accordance with the specifications and to the entire satisfaction of HIMSR.
- 3.3** For working on Sundays/Holidays, the contractor shall obtain the necessary permission from competent authority of HIMSR in advance. The contractor shall be permitted to work beyond the normal hours with prior approval of competent authority and the contractors quoted rate is inclusive of all such extended hours of working and no extra amount shall be payable by HIMSR on this account.
- 3.4** The Contractor shall be entirely and exclusively responsible for the horizontal and vertical alignment, the levels and correctness of every part of the work and shall rectify effectually any errors or imperfections therein. Such rectifications shall be carried out by the Contractor, at his own cost.
- 3.5** In case any doubts arise in the mind of the Contractor in regard to any expressions, interpretations, statements, calculations of quantities, supply of material rates etc., the contractor shall refer the same to HIMSR's Engineer for his clarification, instructions, guidance or clearing of doubts. The decision of HIMSR's Engineer shall be final and the contractor shall be bound by such a decision.
- 3.6** The Contractor shall take adequate precautions, to ensure that his operations during office hours donot create nuisance or misuse of the work space that shall cause unnecessary disturbance or inconvenience to the staffs and visitors at office and others at the work site. Proper housekeeping of the siteshall be done on a regular basis.
- 3.7** The contractor shall furnish to HIMSR's Engineer for approval when requested or



required adequate samples of all materials and finishes to be used in the work.

#### **4.0 ALTERATIONS AND ADDITIONS TO SPECIFICATIONS, DESIGNS AND WORKS**

HIMSR's Engineer shall have powers to make any alterations, additions and/or substitutions to the schedule of quantities, the original specifications, drawings, designs and instructions that may become necessary or advisable or during the progress of the work and the Contractor shall be bound to carry out such altered/extra/new items of work in accordance with instructions which may be given to him in writing signed by the Engineer-in-Charge. Such alterations, omissions, additions or substitutions shall not invalidate the contract. The altered, additional or substituted work which the Contractor may be directed to carry on in the manner as part of the work shall be carried out by the Contractor on the same conditions in all respects on which he has agreed to do the work except the applicability of rates, which will not be decided by the Engineer-in-charge if found necessary, as per rate analysis based on prevailing market rates.

#### **5.0 DEFECT LIABILITY PERIOD**

The contractor shall guarantee the work executed for a period of 12 months from the date of completion of the job. Any damage or defect that may arise or lie undiscovered at the time of completion of the job shall be rectified or replaced by the contractor at his own cost. The decision of HIMSR's Engineer shall be the final in deciding whether the defect has to be rectified or replaced. Equipment or spare parts replaced under warranty/guarantees shall have further warranty for a mutually agreed period from the date of acceptance. HIMSR shall intimate the defects noticed in writing and the contractor within 15 days of receipt of the intimation shall start the rectification work and complete within the time specified by HIMSR failing which HIMSR will get the defects rectified by themselves or by any other contractor and the expenses incurred in getting the same done shall be paid by the Contractor under the provision of the Contract.

Thus, defect liability is applicable in case of job/works contract (civil, mechanical, electrical, sanitary, maintenance etc.) where any damage or defect may arise in future (i.e. within 12 months from the date of completion of job) or lie undiscovered at the time of completion of job.

#### **6.0 DAMAGE TO PROPERTY**

Contractor shall be responsible for making good to the satisfaction of HIMSR any loss of and any damage to all structures and properties belonging to HIMSR or being executed or procured by HIMSR or of other agencies within the premises of the work of HIMSR, if such loss or damage is due to fault and/or the negligence or willful acts or omission of the Contractor, his employees, agents, representatives or sub-contractors.

The Contractors shall indemnify and keep HIMSR harmless of all claims for damage to HIMSR's property arising under or by reason of this contract.

#### **7.0 EMPLOYMENT LIABILITY TOWARDS WORKERS EMPLOYED BY THE CONTRACTOR**



The Contractor shall be solely and exclusively responsible for engaging or employing persons for the execution of work. All persons engaged by the contractor shall be on Contractor's payroll and paid by Contractor. All disputes or differences between the Contractor and his/their employees shall be settled by Contractor.

#### **8.0 SAFETY CODE**

The Contractor shall at his own expenses arrange for the Safety provisions as may be necessary for the execution of the work or as required by the Engineer-in-Charge in respect of all labors directly or indirectly employed for performance of the works and shall provide all facilities in connections therewith. In case the contractor fails to make arrangements and provide necessary facilities as aforesaid, HIMSR shall be entitled to do so and recover the cost there of from the Contractor.

From the commencement to the completion of the works, the contractor shall take full responsibility for the care there of and of all the temporary works (defined as meaning all temporary works of every kind required in or for the execution, completion or maintenance of the works). In case damage, loss or injury shall happen to the works or to any part thereof or to temporary works or to any cause whatsoever repair at his(Contractor's) own cost and make good the same so that at the time of completion, the works shall be in good order and condition and in conformity in every respect with the requirement of the contract and Engineer-in-Charge's instructions.

The Contractor shall observe and abide by all fire and safety regulations of HIMSR. Before starting said work, the Contractor shall consult with HIMSR's Engineer and must make good to the satisfaction of HIMSR any loss or damage due to fire to any portion of the work done or to be done under this agreement or to any of HIMSR's existing property.

The Contractor will be fully responsible for complying with all relevant provisions of the Contract Labour Act and shall pay rates of Wages and observe hours of work/conditions of employment according to the rules in force from time to time.

#### **9.0 DOCUMENTS CONCERNING WORKS**

All documents including drawings, blue prints, tracings, reproducible models, plans, specifications and copies, thereof furnished by HIMSR as well as all drawings, tracings, reproducible, plans, specifications design calculations etc. prepared by the contractor for the purpose of execution of works covered in or connected with this contract shall be the property of HIMSR and shall not be used by the contractor for any other work but are to be delivered to HIMSR at the completion or otherwise of the contract.



## **10.0 MEASUREMENT OF WORKS**

All measurements shall be in metric system. All the works will be jointly measured by the representative of HIMSR/Consultant/ HIMSR's Engineer and the Contractor or their authorized agent progressively. Such measurement will be recorded in the Measurement Book/Measurement Sheet.

For the purpose of taking joint measurement, the Contractor/representative shall be bound to be present whenever required by HIMSR's Engineer. If, however, they are absent for any reasons whatsoever, the measurement will be taken by HIMSR's Engineer or his representative and the same would be deemed to be correct and binding on the Contractor.

In case of any dispute as to the mode of measurement for any item of work, the latest Indian Standard Specifications / CPWD/ relevant codes of practice shall be followed.

## **11.0 BILLING OF WORKS EXECUTED**

The Contractor will submit a bill in approved Proforma to HIMSR's Engineer of the work giving abstract and detailed measurement for the various items executed with a minimum running bill value of Rs. 10-15 Lakhs.

## **12.0 STATUTORY LEVIES**

The Contractor accepts full and exclusive liability for the payment of any and all taxes, duties, octroi, rates, levies, cess and statutory payments payable under all or any of the statutes etc.

Variations of taxes and duties arising out of the amendments to the Central / State enactments, in respect of sale of goods / services covered under this bid shall be to HIMSR's account.

They relate to the period after the opening of the Financial bid, but before the contracted completion period ( excluding permitted extensions due to delay on account of the contractors, if any) or the actual completion period, whichever is earlier; and

The vendor furnishes documentary evidence of incurrence of such variations, in addition to the invoices/documents for claiming GST /Input Tax credit, wherever applicable.

## **13.0 MATERIALS TO BE SUPPLIED BY CONTRACTOR**

The Contractor shall procure and provide the whole of the materials required for construction including tools, tackles, construction plant and equipment for the completion and maintenance of the works. All materials procured should meet the specifications given in the tender document. The Engineer-in-charge may, at his discretion, ask for samples and



test certificates for any batch of any materials procured. Before procuring, the Contractor should get the approval of HIMSR's Engineer for any materials to be used for the works. Manufacturer's certificate shall be submitted for all materials supplied by the Contractor. If, however, in the opinion of HIMSR's Engineer any tests are required to be conducted on the material supplied by the Contractor, these will be arranged by the Contractor promptly at his own cost.

#### **14.0 SCOPE OF WORK**

The following shall be the specifications for the items used in the contract:-

##### **A) TECHNICAL SPECIFICATION of WORK**

1. All materials to be used in the execution of fire-fighting works shall be governed by the requirements of this specification & as per the Delhi fire rules. The MS pipes, Hydrant valve, butterfly/non return valves shall be ISI marked.
2. Whenever any reference to IS codes is made, the same shall be taken as the latest revision (with all amendments issued) as on the date of submission of the bid.
3. In case of any variation/ contradiction in provisions between IS codes and this specification, the provisions given in this specification shall be followed with the approval of the Engineer in Charge.
4. All materials shall be of standard quality and shall be procured from renowned sources/ manufactures approved by the Engineer Incharge. It shall be the responsibility of the Contractor, to get all materials prior to procurement and placement of order.
5. Quality and acceptability of materials not covered under this specification shall be governed by the relevant codes. In case IS code is not available for the particular material, other codes e.g. BS or DIN or ASTM shall be considered. The decision of the Engineer-in-Charge in this regard shall be final and binding on the contractor.
6. The quality of all materials once approved shall be maintained throughout the period of construction and periodical tests shall be carried out to ensure that it is maintained. Such routine tests shall be listed under the different materials and/or as may be ordered by the Engineer from time to time.
7. Where a particular "Brand" or "Make" of material is specified in the Schedule of Items or Technical Specifications, such "Brand" or "Make" of material alone shall be used on the work. Should it become necessary for any reason such as non-availability, to use any material other than the specified "Brand" or "Make".
8. Acceptable makes sheet





**15.0 Tenders shall be submitted in two separate sealed envelopes Super scribing as following:-**

**ENVELOPE – I**

**(TECHNICAL BID)**

Name of work :  
Tender ref. no. :  
Due date & time of opening :  
Addressed to : Medical Superintendent,  
HAH Centenary Hospital, HIMSR  
Guru Ravidas Marg, Hamdard Nagar,  
New Delhi – 110062

From:  
Name & address of the tenderer

This envelope shall contain the following:-

- Technical Bid as per Annexure-I.
- EMD in the form of Demand Draft drawn on a scheduled/nationalized bank in favour of 'HIMSR.' payable at New Delhi. Cheque will not be accepted.

**NOTE:**

1. All the photocopies of the documents enclosed with the technical bid in support of technical eligibility criteria should be signed by the bidder/ authorized person.
2. The technical bid (Envelope-I) should not contain any financial information related torates of items etc. The Financial bid must be submitted in a separate sealed envelope (i.e. Envelope-II).

**ENVELOPE – II**

**(FINANCIAL BID)**

Name of work :  
Tender ref. no. :  
Due date & time of opening :  
Addressed to : Medical Superintendent,  
HAH Centenary Hospital, HIMSR  
Guru Ravidas Marg, Hamdard Nagar,  
New Delhi – 110062

From:  
Name & address of the tenderer

This envelope shall contain the following:-

- Financial Bid as per Annexure-II.



**ANNEXURE 'B'**

**AFFIDAVIT**

*To be submitted by the bidder on Non Judicial stamp paper of Rs 100/- duly notarized:*

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I/We solemnly declare through the affidavit that:

- i) We have not been prosecuted under law for any mislead/ wrongful activities.
- ii) The information submitted in the tender are true and correct and conform to all the terms and conditions of the tender.

Deponent

**Verification**

It is hereby verified that the information furnished are true is the best of our knowledge and nothing has been concealed therefrom.

Deponent



**TECHNICAL BID**

- 1 Name of the firm M/s.....
- 2 Address of the firm.....  
.....
- 3 Registration No of the Firm/Agency.....
- 4 Please specify as to whether tenderer is a sole proprietor/partnership or company.....
- 5 Name, email & Telephone No. of Director/partner should be specified  
(a) ..... (b) .....  
.....
- 6 Name, Designation, Address and Telephone No..... of  
authorized person of firm/agency to deal with .....
- 7 PAN..... TAN ..... GST .....
- 8 Details of
  - (i) Tender fee
  - (ii) EMD

(a) Amount .....	.....
(b) DD Number .....	.....
(c) Name of issuing Bank.....	.....
- 9 Business turnover certificate (attested by CA) for last three years  
(Minimum turnover should be Rs 50 Lakh per year)
- 10 Total experience in similar types works (in year) .....  
The bidder during last 7 years should have successfully executed similar types of works of;
  - i) One contract of minimum value of Rs 35 Lakh, or;
- 11 Details of the work executed in last three years
- 12 Any other information important in the opinion of the tenderer



**ANNEXURE-II**

**FINANCIAL BID**

SN	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>1</b>	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required : <b>Make-Jindal, Tata/ equivalent.</b>				
a	80 mm dia	RMT	30		
b	100 mm dia	RMT	250		
c	150 mm dia	RMT	520		
d	200 mm dia	RMT	6		
e	250 mm dia	RMT	6		
<b>2</b>	Supplying and fixing single headed internal hydrant valve with instantaneous metal/Stainless Steel coupling of 63 mm dia with cast iron wheel ISI marked conforming to IS 5290 (Type -A) with blank Gunmetal/Stainless Steel cap and chain as required <b>Make- Lifeguard, Omex/ equivalent.</b>				
	Single headed Stainless steel	Set	25		
<b>3</b>	Supplying, fixing, testing and commissioning of butterfly valve of PN 1.6 rating with bronze/gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required : <b>Make: - Kartar, Zoloto, Kranti/equivalent.</b>				
a	80mm dia	Set	25		
b	100 mm dia	Set	8		
c	150 mm dia	Set	10		
d	200 mm dia	Set	4		
e	250 mm dia	Set	4		
<b>4</b>	Providing & Fixing of Non return valve				
a	80mm dia	Set	5		
b	100 mm dia	Set	7		
c	150 mm dia	Set	11		
d	200 mm dia	Set	4		
e	250 mm dia	Set	4		



5	Supplying and fixing 63 mm dia, 15 m long RRL hose pipe with 63 mm dia male and female couplings duly bound with GI wire, rivets etc. conforming to IS 636 (type-A) as required : <b>Make- Lifeguard, Omex/ equivalent.</b>				
	Stainless Steel (Grade 304)	Set	60		
6	Supplying and fixing first-aid Hose Reel with MS construction spray painted in post office red, conforming to IS 884 complete with the following as required. 20 mm nominal internal dia water hose thermoplastic (Textile reinforced) type -2 as per IS: 12585 20 mm nominal internal dia gun metal globe valve & nozzle. Drum and brackets for fixing the equipments on wall. Connections from riser with 25 mm dia stop gun metal valve & M.S. Pipe and socket. <b>Make- Lifeguard, Omex/ equivalent.</b>				
	30 m	Set	24		
7	Supplying & fixing 63 mm dia gun metal short branch pipe with 20 mm nominal internal diameter size nozzle conforming to IS 903 suitable for instantaneous connection to interconnect hose pipe coupling as required : <b>Make- Lifeguard, Omex/ equivalent.</b>				
	Stainless Steel (Grade 304)	Nos.	30		
8	Providing & fixing double door hose box <b>Make-Fabricated</b>	Each	24		
9	Servicing & Over hauling of first- aid hose reel	Each	12		
10	Servicing & Over hauling of F.V four way valve	Each	3		
<b>Repairing &amp; servicing of Pumps &amp; Diesel generators.</b>					
11	Servicing & Over hauling of terrace pumps.	Each	4		
12	Servicing & Over hauling of main pump	Each	1		
13	Servicing & Over hauling of jockey pump.	Each	1		
14	Servicing & Over hauling of diesel driven engine	Each	1		
15	Providing & fixing of Auto panel for pumps at basement	Each	1		
16	Providing & fixing of Auto panel for pumps at terrace.	Each	2		
17	Providing & fixing of pressure switch. <b>Make:- Indfos , Danfoss</b>	Each	7		
18	Providing & fixing of pressure gauge. <b>Make:- Indfos , Danfoss</b>	Each	10		
<b>Fire Alarm System</b>					
19	Providing & fixing of MCP/HOOTER with Wiring. <b>Make:- Agni/equivalent conventional</b>	Set	15		



	<b>SUB-Total</b>	
	<b>Add: GST @18%</b>	
	<b>Grand Total</b>	