



**MANOHAR PARRIKAR INSTITUTE FOR  
DEFENCE STUDIES AND ANALYSES**

**मनोहर पर्रिकर रक्षा अध्ययन एवं विश्लेषण संस्थान**

**TENDER DOCUMENT FOR “ DAY TO DAY OPERATION AND MAINTENANCE OF FIRE FIGHTING SYSTEM , FIRE ALARM SYSTEM AND ALLIED WORKS at MP-IDSA ”. (IN TWO BID SYSTEM).**

**INDEX**

<b>S.No.</b>	<b>Description</b>	<b>Page No</b>
<b>1.</b>	<b>Tender Notice</b>	<b>2-3</b>
<b>2.</b>	<b>Process of E-Tender</b>	<b>4-5</b>
<b>3</b>	<b>Memorandum of work in brief</b>	<b>6</b>
<b>4.</b>	<b>Instructions to bidders</b>	<b>7</b>
<b>5.</b>	<b>General Condition of Tender</b>	<b>8-16</b>
<b>6.</b>	<b>Scope of work and charter of duties</b>	<b>17-19</b>
<b>7.</b>	<b>Eligibility Criteria and Technical bid</b>	<b>20</b>
<b>8.</b>	<b>Pre qualification performas</b>	<b>21-28</b>
<b>9.</b>	<b>Form of tender</b>	<b>29-30</b>
<b>10.</b>	<b>List of minimum tools to be kept at site</b>	<b>31</b>
<b>11</b>	<b>Price Bid and Appendix parts</b>	<b>32-34</b>



**MANOHAR PARRIKAR INSTITUTE FOR  
DEFENCE STUDIES AND ANALYSES**  
मनोहर पर्रिकर रक्षा अध्ययन एवं विश्लेषण संस्थान

No 1 Development Enclave, Rao Tula Ram Marg,

**Delhi Cantt, New Delhi – 110 010**  
Ph. No., 26717983 Extn.7305/7312  
**Email: pktiwari.idsa@gov.in**

F.No. IDSA/EM/Outsourcing/ Fire Fighting

Date: 10.01.24

**E- TENDER NOTICE FOR “DAY TO DAY OPERATION AND MAINTENANCE OF” Day to Day Operation and Maintenance of Fire Fighting system, Fire Alarm System and Allied works at MP-IDSA” (IN TWO BID SYSTEM)**

Online bids are invited under two bid system from experienced contractors / agencies for **Day to day operation and Maintenance of fire Fighting system, Fire alarm system and allied works** at MP-IDSA premises located at No. 1 Development Enclave, Rao Tula Ram Marg, Delhi Cantt, New Delhi -110 010 as per details given in formats. **The bids should remain valid up to 90 days from the last date of submission of bids.**

Detailed Tender Documents are available online from the date of tender publication at **<https://gem.gov.in>, [www.idsa.in](http://www.idsa.in) and <https://eprocure.gov.in/epublish>**. The interested bidders are advised to register themselves with e-procurement Portal at - **GeM** to participate in the e-Tender. The bidders should download and then upload duly signed tender form and their bids along with scanned copies of all the relevant certificates, documents etc. in support of their technical bids on the **GeM**, latest by 31 January **2024 by 1500 hrs**. Hard copies of the relevant documents also to be submitted along with Demand Draft for Rs.31000/- (**Rupees Thirty One Thousand only**) in favour of “**MP-IDSA**” payable at New Delhi as Earnest Money Deposit and , all pages signed and stamped, which shall be submitted in sealed cover to the **Assistant Director, MP-Institute for Defence Studies and Analyses**, may be sent at the Institute’s address mentioned above either by Speed Post / By hand delivery at Tender Box kept at the reception office, should reach on or before **1500 hrs, 31<sup>st</sup> January 2024** duly mentioning on top right hand corner of the sealed envelope “**EMD and Supporting documents** “Day to day operation and Maintenance of fire Fighting system, Fire alarm system and allied works”.

All the tenders are to be submitted on the prescribed forms, as enclosed, duly signed, stamped and dated on each page of bid document as their unconditional and explicit concurrence to the terms and conditions laid down by the Institute.

All bidders and/or their representatives, if they so desire, may be present at the opening of online opening of tender (Technical Bids/Financial Bids) by the constituted Committee at the time and date as specified in the schedule. It may be noted that under no circumstances tender received late shall be entertained. **Both technical and financial bid should be submitted in the E-procurement portal as mentioned above.** The Financial bid shall be opened on the date which will be communicated to only those bidders who are found to be technically qualified after evaluation of technical bids.

MP-IDSA reserves the right to accept or reject any or all quotations including the lowest bidder without assigning any reason at its sole discretion and the decision of the MP-IDSA will be final and binding to all concerned.

Bidder who has downloaded the tender /quotation from the Central Public Procurement Portal (CPPP) website <https://eprocure.gov.in/epublish/app>, MP-IDSA website and GeM shall not tamper/modify the tender /quotation form including downloaded price bid template in any manner. In case if the same is found to be tempered/modified in any manner, tender will be completely rejected and EMD would be forfeited and Bidder is liable to be banned from doing business with MP-IDSA.

Critical Dates of Tender:

(i) Publish Date & Time	10/1/2024, 10:00 hrs
(ii) Document Download Start Date & Time	10/01/2024, 10:30 hrs
(iii) Bid Submission Start Date & Time	10/01/2024, 11:00 hrs
(iv) Bid Submission End Date & Time	31/01/2024, 15:00 hrs
(v) Offline submission, EMD and other supporting documents	31/01/2024, 15:00 hrs
(vi) Bid Opening Date & Time	31/01/2024, 15:30 hrs
(vii) Cost of Tender	Free of cost

Note :

- Contractor shall inspect the Campus & assess its requirement before bidding the tender.
- Bidders may note that financial bid shall only be accepted through online mode. Kindly ensure that bid format should remain vacant, while submitting hardcopies of signed documents, otherwise financial bid shall be considered as "invalid".

**Corrigendum / addendum / modification to this tender, if any, will be notified through <https://gem.gov.in>, [www.idsa.in](http://www.idsa.in) and <https://eprocure.gov.in/epublish> only.**

Sd xxxx

Col.Rajeev Agarwal I(Retd)

Assistant Director

**Appendix A****Tender Document for Annual Maintenance Contract of Day to day operation and Maintenance of fire Fighting system, Fire alarm system and allied works****at MP-IDSA ( Two Bid System.)****MEMORANDUM OF WORK IN BRIEF**

1	Name of work	Day to day operation and maintenance of Fire Fighting system, Fire alarm system and allied works .
2.	Cost of Tender Document	Free of Cost.
3	Earnest Money	Rs 31000/-
4.	Validity period	90 days
5.	Security Deposit	10 % of Annual contract value
6.	Period of Contract	Two years
7.	Last date of Submission of Tender	31.01.2024 by 1500 hrs
8	Pre Bid Meeting	19-01-2024
9.	Mode of Sending	a. EMD and relevant documents of Technical bid In sealed cover by Speed post/Hand Delivery in the tender box kept at reception . b. Tender sent by ordinary post will be rejected out rightly.
10.	Description essential to be made on sealed cover	a. Name of work, Tender No and Name of Bidder .

**Signature of bidder****Name :****Date****Sdxxx**Col Rajeev Agarwal (Retd)  
Asst. Director (admin)

**Manohar Parrikar Institute for Defence Studies and Analysis  
No 1, Development Enclave, Rao Tula Ram Marg, New Delhi-110010**

**Instructions to bidders**

**Subject: Day to day operation and Maintenance of Fire Fighting system and Fire alarm system at MP-IDSA .**

Online Bids are invited for day to day operation and maintenance of Fire Fighting and Fire Alarm system through two bid system as per scope/specifications of works given in Appendix-'A' and its Annexure and Performa (enclosed). Conditions of the order shall be as follows:-

- a. Tender Document can also be downloaded from our website or online portal of GEM , free of cost.
- b. Tenderers are advised to go through this tender document carefully as well as visit the Institute's premises at No.1 Development Enclave, Rao Tula Ram Marg, New Delhi and acquaint themselves both the site conditions and condition of Fire Fighting system ,building, fittings, etc before submission of tender.
- c. Hard copy of the duly filled and sealed tender document including complete set of supporting documents in two separate envelopes as indicated below, shall be submitted to the Estate Manager at the address indicated above before the last date .
- d. Price bid shall only accepted through Online mode only . Open/manual price bid shall be rejected immediately.

**Envelop**

Complete set of Tender document as issued, duly filled and signed by the tenderer on all pages (Including Annexures) alongwith all supporting documents, etc and and earnest money deposit of Rs 31000/- in form of demand draft in favour of MP-IDSA, Payable at New Delhi shall be submitted , by speed post or in the tender box placed at the reception. EMD will not bear any interest. Cheques in lieu of DD will not be accepted.

## General Conditions of Tender

### 1. Scope of work

Day to Day operation and Maintenance of Fire Fighting and Fire Alarm system per its Annexures.

### 2. Deployment of Staff

2.1 (a) Regular deployment: The contractor shall always deploy a minimum strength of experienced/qualified staff as follows :-

(i) Supervisor /Sr Technician (Skilled)-	01 No
(iii) Fire fighting operator cum Electrician -(Semiskilled)	-03 No (24x7 duty)
(iv) Helper-unskilled	-01 No.
Total	= 05 Nos.

Contract is Service based .Contractor has to deploy this man power on daily basis (including Saturdays / Sundays and holidays or whenever required), failing which amount equal to paid to daily wages shall be deducted from Contractor's bill for every default. However, one day weekly off by rotation shall be granted to each worker in each category.

No additional payment shall be made on any account if contractor keeps more staff at site for completing the pending work or if the minimum strength is not able to perform satisfactorily as per contractual provision.

Any indecent behavior /suspicious activities of the staff employed shall be viewed seriously and a suitable action shall be taken . The contractor is also required to submit list of workers with Photo ID, educational qualifications, address proof etc before deputing the worker.

Contractor shall be solely responsible for the credential / acts of his staff / workers. . It is the full responsibility of Contractor to Compliance with statutory requirements including minimum wages , EPF, ESI and bonus including all applicable labour laws

Contractor is required to make timely payment (before 10<sup>th</sup> of every month) to his

staff without waiting for the payment received from MP-MP-IDSA including various statutory authorities. The Institute reserves the right to check the same. Before raising every bill, the contractor has to give a certificate that he has paid all Govt. liabilities and Labour payment as per minimum wages Act for the previous month..

MP-IDSA reserve the right to reject the deployment of any person(s) by the contractor and contractor shall cease to deploy any such person/persons forthwith, upon receipt of instruction in writing from the Estate Cell. No claim shall be entertained on account of any such rejection.

Contractor is required to get the police verification within a period of one month from the date of issue of work order . The person to be deploy must be Covid-19 vaccinated fully . All employees of the contractor must be free from infectious diseases and medically fit .

3. **Minimum Qualification of deployed staff.** The minimum qualification of deployed staff will be as under :

(a) **Sr Technician** : Certificate course in Firefighting system from AICTE approved Institute or ITI diploma in Electrical / Mechanical / Engineering with minimum 05 years' experience.

(b) **Fire Fighting Operator cum Electrician** : Must be well versed with fire fighting system ,must have knowledge of fire detection , sprinkler system alongwith knowledge of fire extinguishers and pumps . Should have possess minimum experience of three years and should be documented and certified .

c) **Helpers** : Minimum 8<sup>th</sup> Class Pass.

3.1 Before deployment, contractor has to submit CVs of his employees to be deputed, Only those persons who will be cleared by the Estate Cell would appointed for the site . Selection of applicants will be done through interviews / on site work practical test conducted by Estate Cell. Decision of Institute in this matter will be final and binding. Workers on duty may be permitted to stay on the campus, without burdening the resources of Institute.

#### 4. (a) **Compliance with all statutory requirements & Safety Management**

The contractor shall adopt all necessary safety requirements and shall adhere to requirements of all applicable laws, statutory rules and Regulations and Executive orders issued by various Government /Statutory /regulatory authorities from time to time, including and not limited to labour laws, sanitation and health and security requirement, shall all the requisite permissions and licenses from the authorities concerned within a period of 30 days from acceptance of the bid, failing which the Director General, MP-IDSA would be entitled to reject the accepted bid.

The Contractor will Initiate and maintain safety management programme to protect contractor's employee from hazards through procedures, practices and regular inspection of the work area, material equipment, information and training necessary for safe work performance.

MP-IDSA will not responsible for any hazard during operation and maintenance during the contract. . It is the purely responsibility of Contractor to comply with statutory requirements including minimum wages , PF, ESI and bonus including all applicable labour laws . Contractor shall also indemnify MP-IDSA in case any audit conducted in this regard by any authority .

(b) Quoting less , below minimum wages & other statutory compliances will be rejected at first instance. No Communication will be entertained in this regard. Latest notification w.r. to statutory requirements will be applicable at the time of submission of bid .

#### 5. **Spares /Consumables :**

(a) The following consumables/tools shall be supplied by the contractor as a part of the contract and no extra payment shall be made by the Institute for these Items.

1. Lubricating Oil
2. Grease
3. M Seal
4. Taflon tape/Dhaga /Safeda
5. PVC Insulation Tape
6. Screws/nut/Bolts/Washers
7. Welding Rod.
8. Rubber Beading for fire boxes .
9. Old Dhoti/cotton waste
10. Emery Paper



(b) The Other consumables /spare parts /accessories /fittings/fixtures apart from the aforesaid list and list at Appendix-B, shall be purchased by the contractor after prior approval of MP-IDSA from open market of same specification/brand and the cost of same shall be reimbursed at actual rate on production of the original bills by the contractor plus 10 % as service charges and the relevant payment shall be made alongwith monthly payment. The defect liability period of replaced spare should not be less than 06 months after date of fitting.

(c) The Estate Cell reserves the right to reject any consumables which do not conform to the correct specification /quality.

(d) A register shall be maintained to record the consumption of the items mentioned in Clause5 (b) if any with the approval of the Estate Cell.

(e) The contractor shall always keep all the required tools/equipment to maintain the operation of the plant including welding set/box spanner etc and the list of the said tools / equipment is attached at Annexure I. No extra payment will be paid for the said tools / equipment.

6 . **Routine maintenance/ Preventive Maintenance**: The contractor shall do the preventive maintenance as per the direction from engineering incharge of Institute including refilling of fire extinguishers once a year as per laid down schedule .

7. **Major repairs/Overhauling** : Any major repairs /overhauling that may be required shall brought to the notice of the Estate Cell in writing immediately upon the said requirement of repair coming to light. The Estate Cell shall then authorize the contractor to carry out such repairs /Overhaul. The payment for the same shall be made to the contractor alongwith the Monthly payment.

8.**Emergency Telephone Nos**: The Contractor shall provide an Emergency Telephone Number for normal and odd hours of operation with a maximum of two hours response time during any breakdown to essential utility services.

9.**Log Book** : Log book shall be maintained by the contractor in conformity with the Estate Manager's proforma for the consumption of consumables mentioned in clause 5(b), which shall be signed by the Estate manager / AEM.(daily, weekly, monthly) after physical verification of the consumption/consumables.

The contractor has to bear the cost of all stationary, telephone etc required for proper execution and maintenance of records for the work. If found using MP-IDSA's material, Institute may recover an appropriate amount from the contractor's bill.

**10. Earnest Money Deposit:** Bidders are required to submit Earnest Money Deposit (EMD) along with their bids. While submitting the bid, the vendor shall deposit Earnest Money of **Rs. 31000/-** by demand draft / PO favoring **"MP-IDSA" payable at New Delhi**. No other mode of remittance shall be accepted. EMD is to remain valid for a period of 90 days beyond the final bid is accepted. EMD of the unsuccessful bidders will be returned to them at the earliest after expiry of the final bid validity or latest on or before the 30th day after the award of the contract. The EMD of the successful bidder would be returned, without any interest whatsoever, after the receipt of Performance Security from awardee as called for in the contract. EMD is not required to be submitted by those Bidders who are registered MSME, etc. The EMD will be forfeited if the bidder withdraws or amends, impairs or derogates from the tender in any respect within the validity period of their tender. The bidders found without EMD are liable for outright rejection. MSMEs in relevant category are exempted to pay the EMD

#### **11. SECURITY DEPOSIT :**

11.1 On receipt of the Letter of intent (LOI), the successful bidder shall furnish 10% of the annual contract value as security deposit in accordance with the conditions of contract and as acceptable to the Institute.

11.2 Failure of the successful bidder to comply with requirement of a clause shall constitute sufficient grounds for forfeiture of the EMD, in which event the MP-IDSA may make the award to the next lowest evaluated bidder.

11.3 No Interest will be payable on Security Deposit.

**12. Duration Of contract:** The contract shall be valid for **two years** which is subject to further extension at the discretion of the competent authority before expiry of the contract as mutually agreed terms and conditions, subject to satisfactory performance and wages as per minimum wages of Govt.of NCT Delhi latest notification for the that period or as may be agreed to. **The contract can be**

**cancelled unilaterally by the institute in case service is not rendered satisfactorily.**

**13. Termination of the contract :**

(a) The contract can be terminated by MP-MP-IDSA by serving Three month notice in writing without assigning any reason to the contractor. If the contractor wants to terminate the contract, he has to give three months' notice in writing to MP-MP-IDSA with reasons.

(b) Termination or expiry of the contract shall be without prejudice to any rights and remedies of the Institute and the contractor accrued before such termination or expiration and nothing in the contract shall prejudice the right of either party to recover any amount outstanding at such termination or expiry.

(c) At the end of contract period or upon termination thereof, the contractor shall forth with returned to the institute upon request, all the institute's property (including but not limited to the material, documents, information, access keys).

(d) Additionally, the contractor shall give a written undertaking that he has not retained any movable property belonged to the Institute and in particular shall undertake that he has not made any duplicate of access keys which are still in his possession or his employee and that he shall indemnify the Institute in the event of any losses attributable to such acts / omission on the part of contractor and /or his employees, agents etc.

(e) If the contractor fails to perform any of the obligations under this contract and if Institute is dissatisfied with the services, the contractor have to vacate the premises within a period of three month of written notice. MP-IDSA should not be held liable for any cost, damage, expenses or any loss whatsoever that the contractor may suffer on being served with the winding up notice. The contractor is required to give 3 months' notice in case he does not want to continue with the contract.

**14. Rates :** Rates quoted for the work shall be inclusive of the following:

Rates quoted for the work shall be inclusive of the following:

(i) Expenses towards boarding, lodging of mechanics / technicians, electricians, skilled, semiskilled and unskilled labour, any other labour, tools and plants as

required for proper operation and maintenance of work, dress, shoes, apron complete in all respect. Two sets of uniform and one set of winter uniform will be provided to all workers by the Contractor.

(iii) cost of Fire cylinders refilling ( once in year)

(ii) Consumables as per para 5.

(iii) Stationary/necessary registers /logbooks and telephone expense.

(iv) Anticipated price escalations including increase in minimum wages during the first year. Contract amount shall be review/revised from 02<sup>nd</sup> year as per latest notification on minimum wages & other statutory obligations. Only statutory obligation shall be liable to be increased /decreased (as the case may be)

(v).Contractor's overheads and Profit. Nothing extra shall be admissible on any such account.

The firm should also keep in mind following factors before Quoting :-

(a) Each workman is entitled to get minimum wages/PF/ESI /and bonus as per latest notification of NCT Delhi and prevailing rules .

(b) Deduction by MP-IDSA : TDS and GST shall be deducted as per applicable rates .

**15. SUBMISSION OF TENDER:** The technical Bid and the Price Bid shall have to be submitted online at GEM platform . Tenders will be opened electronically on specified date and time as given in the Notice Inviting Tender . All entries in the tender should be entered in online Technical & price bid Formats without any ambiguity.

**16. OPENING OF TENDERS:** Price bid will be opened online after scrutinizing the technical bids by the committee constituted by the Institute . All qualified Tenderers will be informed in advance the date of opening of financial bids in presence of their representative(s) if they wish to be present .

17. MP-IDSA reserves the right to change, alter or to waive technical or commercial terms, conditions and qualifications. MP-IDSA also reserves the right to reject all or any tender. MP-IDSA reserve right for changes/relaxation in eligibility criteria at any time.

**18. SIGNING OF CONTRACT :** On receipt of acceptance of LOI , the successful bidder has to deposit the security amount within 7 days and execute the necessary contract agreement with MP-IDSA within 10 days thereafter.

**19. Mode of payment** Payment shall be made on **Monthly Basis** on production of bills in duplicate duly verified by Estate Manager. It is duty of contractor to pay salaries to his workers on monthly basis. If any non payment / under payment

complaint received in writing , Contract may be terminated with immediate effect after verification of Complaint.

20. **Electricity and Water** Electricity and water required for carrying out the work shall be supplied by the Institute free of charge.

21. **Liability to Damage** The contractor at his own cost shall make good all the damages, losses, burns outs etc. which may be attributable to nay fault/negligence faulty operation. Inadequate preventive maintenance and / or mishandling of plants and equipment. The decision of Director General, MP-IDSA in this regard hall be final and binding.

22. **Handing/Taking Over** The Contractor shall on receipt of work order take over the plants in serviceable and running condition. Similarly on expiry of period of the contract, he shall hand over all the plants in serviceable / running condition to the Institute

**23.Equipment/Installations** Regular/Preventive/ Periodical upkeep, Maintenance & Servicing of all equipments/ installations etc shall be carried out as per manufacture's instructions and as per directions of the Project Engineer/Engineer-in-Charge/Estate Manager.

#### 24. **INDEMNITY**

The Contractor shall indemnify, and keep indemnified, the Institute fully against all claims, proceedings, actions, damages, legal costs, expenses and any other liabilities whatsoever arising out of, in respect of or in connection with the Contract including in respect of nay death or personal injury, loss of or damage to property, financial loss arising from fault/ negligence, faulty operation, inadequate maintenance, mishandling of plant and equipment and /or any advice given or omitted to be given by the Contractor/his employees/ agents and /or representatives, or and any other loss which is caused directly or indirectly by any act or omission of the Contractor/ his employees / agents and /or representatives.

a. The decision of the Director General, MP-MP-IDSA in this regard shall be final and binding.

**25 .Dispute Resolution:** Disputes, if any with regard to the interpretation, execution

and /or implementation of these terms and conditions shall vest exclusively in the Director General, MP-IDSA whose decision shall be final and binding upon the parties. Disputes, if any with regard to the decision of the Director General, MP-IDSA in the regard, shall be referred to Arbitration at the hands of a sole Arbitrator to be appointed by MP-IDSA shall all proceedings in this regard shall be subject to the sole and exclusive jurisdiction of Courts of Courts of competent jurisdiction at New Delhi.

25.1 Upon acceptance of the bid, no sub-letting/transfer would be allowed by the Operator except with the prior written permission of the Director General, MP-IDSA.

26. Standard force-majeure conditions would apply.

27.The quoted rates shall be remain firm for first year of the contract period , irrespective of any change of any kind. Contractor should have foreseen all type of liabilities arises during the first year. However, increase for the Second year will be considered based on increase in minimum Wages,etc as per the latest orders of NCT Delhi or on mutual consent of both parties.

28. Selection method of lowest bidder : Work will be awarded to the firm who is lowest overall in price bid table .

Kindly Acknowledge.

Col Rajeev Agarwal (Retd)  
Asst. Director (admin)

## Charter of Duties and Scope of Work

**Introduction:** Manohar Parrikar Institute for Defence Studies and Analyses is a non-partisan , autonomous body under ministry of Defence shifted to its new Campus in February 2007. The new campus project was completed by CCE( R&D) North .

The Campus is in 6.5 acres of area , having residential accommodation also within the perimeters. To protect the building and its accessories from fire, there is a firefighting system in place , which consists following :-

- (i) Fire Fighting Waterline network having sprinkler system in basement
- (ii) Fire Alarm system ( for Institutional area )
- (iii) Fire Extinguishers.

The basic aim of this contract to maintain the system and to ensure that all accessories and system should work in case of fire emergency .

**The charter of duties for the person deployed by the contractor shall be as follows :-**

- (i) Checking and ensuring that all firefighting water tanks should be filled with sufficient water .-Daily
- (ii) Cleaning of fire extinguishers and removal the low pressure cylinder (if any ) – Daily.
- (iii) Ensure that fire fighting extinguishers are kept at designated points at campus , are properly filled with chemicals , are refilled as per designated schedule and ready for use at all times
- (iv) Ensure that all down comer pumps should remain functional. Switching operation of each pump-weekly .
- (v) Conduct firefighting drills –Fortnightly.
- (vi) Cleaning of Fire Panels-Daily .
- (vii) Testing of Fire Detector ‘smoke test’ –monthly
- (viii) Testing of Sprinkler ‘temperature test’-monthly
- (ix) Any breakdown noticed, inform the engineering incharge for further direction.
- (x) Remain vigilant and inform the Engineering incharge about potential fire danger .
- (xi) Removal of fire cylinders and refitting after refilling

**SCOPE OF WORK AND SUMMARY OF DAY TO DAY OPERATION AND  
MAINTENANCE OF FIRE FIGHTING AND FIRE ALARM SYSTEM**

Sl. No.	Description of works
1.	<b><u>Fire Fighting System Comprising of:</u></b>
i)	2850 RPM Single Stage centrifugal type pump set – 02 Nos. (Pump House)-75 HP
ii)	1800 RPM Single Stage centrifugal type pump set – 01 No.(Pump House) -15 HP
iii)	900 RPM Single Stage centrifugal type pump set – 01 Nos.(Institute building )-12.5 HP
iv)	450 RPM Single Stage centrifugal type pump set – 06 Nos. ( Block A&B) – 7.5 HP
2.	<b><u>Hose Cabinet Internal :-</u></b>
i)	Including 1 No. 63 mm gate valve, 2 No. 15 meters each 63 mm RRL hose,-82 Nos. Also contains 1 No. 20 mm dia, 36.5 meter long Rubber hose reel-51 No.
ii)	External Hydrant including 2 Nos. 15 Mts 63 mm dia RRL hose with and coupling including Gate valve and branch pipe – 07 Nos.
iii)	Instantaneous fire brigade draw off connection-1 Nos including Pressure tank , MS Pipe .
3.	<b><u>Sprinkler System</u></b>
i)	15 mm sprinkler – 360 Nos. (Basement)
ii)	Air Cushion tank – 09 Nos.
iii)	Fire pump panel comprising of 400 Amp MCCB incoming – 01 No.(Pump House)
iv)	Down Comer panel comprising of 100 A incoming – 01 No. (office)
v)	Down comer panel of 63 A capacity outdoor Lap – 06 Nos.(A&B Block)
vi)	Cable of 3 – ½ Core 120, 25, 10, 6 Sq mm – 1700 RM



<b>Sl. No.</b>	<b>Description of works</b>
vii)	Cable Tray of 150 size – 70 RM
viii)	Pressure Switch – 10 Nos.
ix)	Bleach Chamber – 04 Nos.
x)	Two way fire brigade inlet with 100 mm sluice valve – 08 Nos.
xi)	Four – way fire brigade inlet with 100 mn dia sluice valve – 02 No.
xii)	M. S. piping of sizes 200, 150, 100, 80, 65, 50, 40, 32, 25 mm dia Including specials such as sluice valves, M.R. Valves, Return duets, Gate valves etc. – 3480 RM Approx. (RM- Running Metres.)
<b>4.</b>	<b><u>6 Loop Addressable type fire alarm system comprising of</u></b>
i)	Loop panel – 01 No.
ii)	Ionization/photocell type smoke detector – 359 No.
iii)	Heat detector – 04 Nos.
iv)	Response Indicator – 231 Nos.
v)	Manual break glass units – 33 Nos.

#### **5.List of Fire Extinguishers**

<u>Sr No</u>	<u>Type of Fire Extinguishers</u>	<u>Volume /weight</u>	<u>Quantity</u>
1.	CO2 type Fire Extinguishers - IS No 15222	2 Kgs	8 Nos
2	CO2 type fire extinguishers -IS No 15222	4.5 Kgs	65 Nos
3	Water Type with Gas Cartage in accordance with – IS No 4947	9 Litres	25 Nos
4	DCP (ABC)-IS 14609	2 Kgs	16 Nos
5.	DCP (ABC)-IS :14609	4 Kgs	5 Nos
6.	DCP (ABC)-IS 14609	5 Kgs	5 Nos
7.	DCP (ABC)-IS 14609	6 Kgs	1 No
8.	Clean Agent-IS 15693	4 Kgs	2 Nos
	Total		127 Nos

### **Eligibility Criteria and Technical Bid :-**

1. The following documents & information should be attached with Tender Documents :

- 1.1 Self attested copy of work executed of similar nature by the firm in support of experience in a tabular form.
- 1.2 Details of works in hand.
- 1.3 Self attested copy of Audited balance sheet of last three financial years.
- 1.4 Income tax return for last three financial years.
- 1.5 Certified copy of certificate of the client/owner regarding satisfactory performance of previous works.
- 1.6 Registration No with GST Dept with latest challans.
- 1.7 Pan No of Partners/Firm.
- 1.8 PF and ESI registration with latest copies of challans
- 1.9 Permanent Man Power Details.

### **2. Prequalification and Eligibility Criteria :-**

Minimum 3 years' experience of having successfully completed works of similar nature as mentioned in scope of work, registered with CPWD/PWD/Railways/MES/P&T or any Other Govt. organization. In case of Private Organization it should be verifiable through TDS deduction.

- 2.1 Average annual turnover during last three years ending 31<sup>st</sup> March 2023 should not less than Rs 60 lakhs.
- 2.2 Should fulfill all statutory requirements
- 2.3 Firm Should have completed in last 05 years :-
  - (a) One Similar nature of work- Work order value should not be less than 15.0 Lakhs per Annum.
  - (b) Two Similar nature of work –Work order value of each work should not be less than 10 Lakhs
  - (c) Three similar nature of work –Work order Value of each work should not be less than 7.5 Lakhs.
- 2.4 A running AMC for day to day operation & maintenance of Fire Fighting/Fire Alarm system at least one site of similar nature. Order Value should not be less than 12.5 Lakhs per Annum.
- 2.5 Firm must have registered in Delhi/NCR.

3. Firms satisfying above criteria should submit their application alongwith proofs in sealed envelop duly subscribed the name of work in with an account payee demand draft of a scheduled bank as earnest money in favour of MP-IDSA, payable at New Delhi.

**PREQUALIFICATION OF CONTRACTOR****Basic information**

1.	<p>a) Name of the applicant / organisation  b) Address of the Registered Office  c) Address of office at Delhi  (with Phone Nos Fax Nos &amp; Email ID &amp; Contact Person)</p>	
2.	Year of establishment	
3.	<p>Type of the organisation (Whether sole proprietorship, Partnership, Private Ltd. Or Ltd. Co. etc.)</p> <p>(Enclosed certified copies of documents as evidence)</p>	
4.	<p>Name &amp; qualification of the Proprietor / Partners / Directors of the Organisation/Firm</p> <p>a)  b)  c)</p> <p>Enclose certified copies of document as evidence</p>	
5.	<p>Details of registration – Whether partnership firm, Company, etc. Name of Registering Authority, Date and Registration number.</p> <p>Enclose certified copies of document as</p>	

	evidence	
6.	Whether registered with Government / Semi-Government / Institute Authorities of any other Public Organisation and if so, in which class and since when? (Enclose certified copies of document as evidence	
7.	No. of years of experience in the field and details of work in any other field.	
8.	Address of Delhi office through which the proposed work of the Institute will be handled and the Name & Designation of officer in charge.	
9.	Yearly turnover of the organisation during last 3 financial years (year wise) and furnish audited balance sheet and Profit & Loss A/c (Audited) for the last -3- years.	
10.	Name & Address of PF office  (where registration carried out, also mention year of registration, also enclose last challans of PF )	
11.	Enclose copy of latest income tax clearance certificate.	
12.	PAN No/GS TAX No.	
13.	Details of registration for ESI. (Enclose latest	

	ESI challan)	
14.	Detailed description and value of works done (Proforma 1) and works on hand (Proforma 2)	
15.	Details of Key Personnel Permanently employed (Proforma – 3)	
16.	Other infrastructural information to be used/referred for this work (Proforma-4)	
17.	Furnish the names of -3- responsible persons along with their designation, address, Tel. No., etc., for whose organization, you have completed the above mentioned jobs and who will be in a position to certify about the performance of your organization.	
18.	Whether any Civil Suit / litigation arisen in contracts executed / being executed during the last 10 years. If yes, please furnish the name of the project, employer, Nature of work, Contract value, work order and brief details of litigation.  Give name of court, place, status of pending litigation.	Attach a separate sheet if required.
19.	Information relating to whether any litigation is pending before any Arbitrator for adjudication of any litigation or else any litigation was disposed off during the last ten years by an arbitrator. If so, the details of such litigation are required to be submitted.	

20.	Have you ever been put on a holiday list or banned by any Public sector units? If so give details	
21.	Certificate /Undertaking on non judicial stamp paper that the firm has not blacklisted by any of the organization dealt with	

I/We confirm that to the best of our knowledge the information is authentic and accept that any deliberate concealment will amount to disqualification at any stage.

**Sign. & Seal of the applicant**

**DATE:**

**PLACE:**

**PROFORMA – 1****LIST OF Works EXECUTED BY THE ORGANISATION DURING THE LAST 5 Years**

Sl. No.	Name of work with address	Name & full postal address of the owner. Specify	Contract Amount (Rs.)	Stipulated time of completion (Years)	Actual time of completion (years)	Actual amount of the work, if increased, give reasons	Enclose clients certificate for satisfactory completion.
1	2	3	4	5	6	7	8

**Notes:**

1. Information has to be filled up specifically in this format. Please do not write remarks "As indicated in Brochure".
2. Date shall be reckoned from the date of advertisement of the notice in news papers.
3. For certificates, the issuing authority shall not be less than an Executive In Charge.

**PROFORMA – 2****B) LIST OF IMPORTANT WORKS IN HAND**

Sl. No.	Name of work with address	Name & full postal address of the owner. Specify whether Govt. undertaking along with name, address and contact nos. of 2- persons (Engineers or top officials of the organization)	Contract Amount (Rs.) with copy of Work Order & completion certificate from project in-charge	Stipulated time of completion (Years)	Present status of the project	Any other relevant information.
1	2	3	4	5	6	7

Notes:

- Information has to be filled up specifically in this format. Please do not write remarks "As indicated in Brochure".



**Proforma – 3****DETAILS OF KEY PERSONNEL, GIVING DETAILS ABOUT THEIR TECHNICAL QUALIFICATION & EXPERIENCE INCLUDING THEIR IN HOUSE ESTABLISHMENT**

Sr. No.	Name and designation	Age	Qualification	Experience	Nature of works handled	Name of the projects handled along with amounts	Date from which employed in your organization	Indicate details of experience for similar projects.
1	2	3	4	5	6	7	8	9

**Notes:**

Information has to be filled up specifically in this format. Please do not write remark "As indicated in Brochure".

1. Indicate other points, if any, to show your technical and managerial competency to indicate any important point in your favour.

**Proforma 4****OTHER INFORMATION**

<b>Sr. No.</b>	<b>Particulars</b>
I)	OFFICE INFRASTRUCTURE
II)	WORKSHOP FACILITIES  A) Location B) Land Area C) Type of Structure D) Type of Facilities
III)	LIST OF MAJOR EQUIPMENT/INSTRUMENTS IN POSSESSION OF THE FIRM

Note: Please furnish information in this proforma only. Do not write 'as per enclosed sheet/brochure'.

1. Contractor should possess all necessary tools and tackle to handle the breakdown in fire Fighting and fire alarm system . These tools shall be finalized by Estate Manager and shall be deposited onsite before start of contract.

**Form of Tender****( Note : the appendix forms part of the tender )****To,****MP-MP-IDSA****No 1, Development Enclave****Rao TulaRam Marg, New Delhi-110010.****Sir,****Name of work : Day to day Operation and maintenance of fire fighting system and fire alarm system**

1. Having visited the site and examined the conditions of contract , specifications and schedule of quantities for the above named work , we offer to undertake and complete the whole of subject work in conformity with the said conditions of the contract , specifications and schedule of quantities of this tender documents or such other sum as may be ascertained in accordance with the said condition of contract.
2. We undertake to complete and deliver the whole of the works comprised in the contract within the time started in appendix hereto.
3. We have independently considered the amount of liquidated damages shown in the appendix hereto and agree that it represents a fair estimates of loss likely to be suffered by you in the event of the works not being completed properly.
4. If our tender is accepted, we will remit the initial security deposit by demand draft or obtain a guarantee from a scheduled bank to be jointly and severally bound by us for the sum named in appendix hereto for initial security deposit. Third party insurance policy shall also be obtained from an insurance company approved by you.
5. We agree to abide by this tender for the period of one year from the date fixed for receiving the same or agreed extended period and it shall remain binding upon us may be accepted at any time before the expiry of the period.

- 6. Unless and until a formal agreement is prepared and executed, this tender together with your written acceptance thereof shall constitute a binding contract between us.
- 7. We understand that if our tender is accepted, we are to be jointly and severally responsible for the due performance of the contract.
- 8. We understand that you are not bound to accept the lowest or any tender you may receive.

Dated ..... Day of .....

Signature.....In the capacity of .....

Duly authorized to sign for and on behalf of.....

Name and address of the tenderer.

(IN BLOCK CAPITALS)WITNESS Signature .....

Name and address.....

**List of minimum tools to be kept at site**

1. All type of Open Spanner .
2. All type of Ring spanner.
3. Pipe wrench up to 3" pipe .
4. Two Nos of Aluminim ladder 5' and 10' long.
5. Digital Tong Tester.
6. Digital multimeter.
7. Electrical tool kit including pliers/screwdrivers etc .
8. Megger./Insulation tester upto 440 volts
9. Crimping tool .
10. Screw drivers (mechanical)
- 11..Any Other tool required for smooth functioning

**.Annexure-II****Price Bid****(Through Online Mode only, offline price bid will be out rightly rejected )**

Sr No	Description	Total Amount per Annum (Rs) Including GST
1.	Annual Maintenance contract Value for Day to day Operation and maintenance of Firefighting system and fire alarm system as per minimum wages Inclusive of EPF, ESI and bonus ( yearly basis) including consumables & tools required as per the Tender Document. –Including GST	
2.	Refilling of fire extinguishers as per Appendix –A-Including GST	
3.	Supply of spares as per appendix-B-Including GST	
	Grand total (1+2+3)	

Amount in Words.

(Rupees -----)

Signature of the bidder/Applicant.

Date :

Seal .

Note 1. Contractor should take into account minimum wages , PF ,ESI and bonus for each workmen as per rules , bid will be considered non responsive if found below minimum wages and NIL service charges .

Note 2. TDS and GST shall be deducted as applicable.

Note 3. If any discrepancy found with the quoted amount in figures and words, higher of the two would be considered.

Note-4: In case of tie, the work of refilling of fire extinguishers and supply of spares will be used to determine to L1

**Appendix-A****Part of Price Bid-I****Refilling of existing fire extinguishers .**

<u>Sr No</u>	<u>Type of Fire Extinguishers</u>	<u>Volume /weight</u>	<u>Quantity</u>	<u>Rate (Rs)</u>	<u>Amount exclusive of GST (Rs)</u>
1.	CO2- IS No 15222	2 Kgs	8 Nos		
2	CO2-IS No 15222	4.5 Kgs	65 Nos		
3	Water Type with Gas Cartage in accordance with – IS No 4947	9 Litres	25 Nos		
4	DCP (ABC)-IS 14609	2 Kgs	16 Nos		
5.	DCP (ABC)-IS :14609	4 Kgs	5 Nos		
6.	DCP (ABC)-IS 14609	5 Kgs	5 Nos		
7.	DCP (ABC)-IS 14609	6 Kgs	1 No		
8.	Clean Agent-IS 15693	4 Kgs	2 Nos		
9.	PVC Hose Pipe of Co2 cylinders-ID 10mm length 1 meter with horn		10 Nos		
10	PVC Hose Pipe of DCP-4.5/5 kg cylinders-ID 10mm length 0.5 meter		05 Nos		
10.	Brass Valve 15 mm for Co2 cylinders		4 Nos		
		Total Appendix –A			

Total – Exclusive of GST and inclusive of all other taxes / levies & transportation cost

.....

.....

in words (Rupees).....

1. Quoted rates would be firm for 02 years.

Name of the bidder with seal

**Appendix-B****Part of Price Bid-II**

(Supply of critical spares)

<u>Sr No</u>	<u>Description</u>	<u>Quantity</u>	<u>Rate (Rs)</u>	<u>Amount exclusive of GST (Rs)</u>
1.	Smoke Detectors	20 Nos		
2	Heat Detectors	05 Nos		
3	Smoke Detector chip	20 Nos		
4	Manual Call point (MCP)	10 Nos		
5.	Manual call point glass	20 Nos		
6.	Special screws of smoke detectors with tool	600 Nos		
7.	Rubber beading for glass including fitting	100 Mtr		
8.	Glass for Fire Box-1mx0.5m including fitting	20 Nos		
9.	Rewinding of 12.5 Hp motor with replacement of bearing, shaft turning work/complete in all respect	1 Nos		
10	Rewinding of 7.5 HP motor with Replacement of bearing, shaft turning work /complete in all respect	01 Nos		
10.	Supply of Water-CO <sub>2</sub> cylinders-09 Litres	4 Nos		
11.	SS Nozzle for fire hose	02 Nos		
12	63mm RRL Hose -15 Metre long with SS coupling on both ends	04 Nos		
	Total Appendix-B			

1. The above list is requirement of items for 'Rate contract' and whenever required type .

2. Rate of above items shall remain firm for 02 years .