



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, पुणे  
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

(An Autonomous Institution, Ministry of Human Resource Development, Govt. of India)

IISER Pune Campus, Dr. Homi Bhaba Road, Pune-411 008.

Ph. No 020 2590 8001 Fax 020 2588 7499 / 2589 8022

No: 54(2) /IISER/Pune/20-21 150

Dated 10/ 06 / 2021

**NOTICE INVITING QUOTATION**

Indian Institute of Science Education and Research, Pune Reinvites online quotations on behalf of Director IISER Pune for below mentioned work from agencies, found eligible as per the minimum requirements defined in clause 1 & 2 of NIQ for the work mentioned below:

**Name of work & Location: Annual maintenance contract for Fire Fightinging system at IISER Pune**

**Last date and Time for Submission: 18 June 2021, 15:00PM**

**Date and Time of Quotation Opening: 18 June 2021, 15:30PM**

**ELIGIBILITY CRITERIA (Technical Qualification)**

**Clause 1.**

The bidders who fulfill the following requirements shall be eligible to apply.

The applicant should be registered (**ANY ONE**) with CPWD in western region, Maharashtra State PWD, MES, Railways in appropriate category for Composite / electrical works. Composite / Electrical work contractor need to associated other agency Authorized by Maharashtra fire Services, Govt. Of Maharashtra, for execution of work. The registration certificate should be valid till the last date of receipt of tender.

**OR**

Licensed Agency of Maharashtra Fire services, Government of Maharashtra, for the purposes of the Maharashtra Fire Prevention and Life Safety Measures Act, 2006 and having work experience with reputed organization and institutes for operation and maintenance of fire Hydrant systems.

The registration certificate should be valid till the last date of receipt of tender.

Applicant should submit attested or Notarized copies of experience for work completed within last 3 years from client department with copy of work order along with quotation. Bidders not meeting minimum eligibility criteria shall summarily be rejected.

**Clause 2.**

2.1 The agency shall have valid GST/PAN/TAN/ESIC/PF numbers/certificates.

2.2 Submission of Form G for associated agency.



**Terms and Conditions:**

1. The time allowed for carrying out the work will be **12 (Twelve) months** from the date of issue of work order.
2. The act of backing-out after quotation will debar such agencies for participating in future quotations of IISER PUNE. Bidder may e-mail queries on [maintenance@iiserpune.ac.in](mailto:maintenance@iiserpune.ac.in) or submit to IISER PUNE office in hard copy on all working days before a day of submission date of quotation. Rates quoted in words shall be treated as final for deciding L1 bidders.
3. Quotation can be obtained from IISER PUNE Engineering office at Main Building between **10 AM to 4 PM** on all working days before date of submission. Applicant may quote by downloading quotation document from IISER PUNE website [www.iiserpune.ac.in](http://www.iiserpune.ac.in)
4. All agencies need to submit their quotation in hard copy in a sealed envelope containing two separate envelope, one envelope containing qualification documents mention in Clause 1 & 2 and second envelope containing sign, Stamp, NIQ documents with quoted rates to this office by suitable means on and before **18 /06/2021, 3:00PM**. Quotation received after the date & time specified above shall not be accepted. Any delays, postal delay etc. will not be entertained. Agency should quote for all the items in the BOQ. The bid shall be submitted in the original Bid document (as issued by the IISER, Pune) super scribing the name of work. Rates quoted in the words shall be treated as final for deciding L1 bidder. Quotations will be opened on the same day (**18/06/2021**) at **3.30 PM** in the presence of agency or their authorized representatives, if any. Please mentioned – **Technical /Qualification bid** on envelope-1 and **Financial Bid** on envelope - 2.
5. Commercial bid/Financial bid envelop of technically qualified bidder shall be opened accordingly intimation to technically qualified bidder. The offer of the agency should be commercially clear including acceptance of all terms and conditions of this Quotation by the agency. IISER Pune reserves the right to accept or reject the quotation/s without assigning any reasons. Quotations submitted with any conditions shall be treated as 'Conditional Quotation' and shall be summarily be rejected by IISER PUNE.
6. Quoted rates should be inclusive of cost of all the materials, labour cost , GST , all taxes, octroi, duties, cost of sample and fees towards testing of materials in labs, royalties etc. complete. Nothing extra shall be paid separately.
7. All approved makes shall be as per list attached with this and as per CPWD and manufactures specifications. (OEM) Agency should put-up technical data and obtain prior approval on makes of various materials of IISER PUNE before taking-up work.
8. The successful agency shall make his own arrangement for all Tools & tackles for work etc complete in view of completion of work. Electricity shall be provided free of cost to agency at one source. agency should make own arrangement to safely tap of power from source to work location.



**FORM 'C'**

**DETAILS OF ELIGIBLE SIMILAR NATURE OF WORKS COMPLETED DURING THE LAST Five  
(Five) YEARS ENDING PREVIOUS DAY OF THE DATE OF SUBMISSION OF TENDER**

<b>S. No.</b>	<b>Name of work/project and location</b>	<b>Owner or Sponsoring Organization</b>	<b>Cost of work in lakh of Rupees</b>	<b>Date of commencement As per contract</b>	<b>Stipulated date of completion</b>	<b>Actual date of completion</b>	<b>Litigation /arbitration cases pending /in progress with details</b>	<b>Name and address /telephone number of officer to whom reference may be made</b>	<b>Remarks</b>

- Indicate gross amount claimed and amount awarded by the Arbitrator.

**SIGNATURE OF BIDDER(S)**



9. No advance payment shall be made by IISER Pune. Quoted rates should be including GST, TDS and other applicable taxes and cess will be deducted from the bills of the work as applicable.
10. No running account bill shall be paid for the work till the applicable labor licenses, registration with EPFO, ESIC and BCOW welfare board, whatever applicable is submitted by the contractor to the Engineer-in-charge. Payment shall be done after satisfactory completion of work in each quarter on quarterly basis only.
11. Specification for the work to be carried out as per BOQ, latest CPWD specification, IS specifications, manufactured specification & as per instruction of IISER PUNE whenever specification CPWD/ IS specification are not available.
12. The contractor shall ensure that minimum wages should be paid to the labours and employees in accordance with labour laws.
13. L1 Agency to submit actual measurements and abstract sheet to IISER PUNE within 30 days from completion of work.
14. The Eligibility cum Technical bid shall be opened first at **3:30 pm on 18/06/2021**. The Financial bid shall be opened of those bidders who qualify in the eligibility of Technical bid. The time and date of opening of financial bid of the eligible bidder shall be communicated at a later date. The institute shall not accept any loss or delay in transit as an excuse for late tendering.

  
Executive Engineer,  
IISER Pune

Encl: - 1. Schedule of Quantity  
2. Scope of Work



Sign & stamp of Agency



**WILLINGNESS CERTIFICATE OF ASSOCIATED AGENCY**

**Name of work: Annual maintenance contract for Fire Fighting system at IISER Pune**

NIQ No: 54(2) /IISER/Pune/20-21/

I hereby give my willingness to work as Associated Agency for **Fire Fighting system** for the above mentioned work.

I will execute the work as per specifications and terms and conditions for the agreement & as per direction of the Engineer-in-Charge. Also I will employ full time technically qualified Staff for the works.

I will attend inspection of officers of the IISER PUNE as and when required.

Dated:

**Signature of the Associated Agency**



**FORM D**

**PERFORMANCE REPORT OF WORKS COMPLETED REFERRED TO IN PROFORMA 'C'**

1. Name of the work/Project & Location.
2. Agreement No.
3. Estimated Cost
4. Tendered Cost
5. Date of Start
6. Date of completion
  - (a) Stipulated date of completion.
  - (b) Actual date of completion.
7. a) Whether case of levy of compensation for Delay has been decided or not?  
Yes / No  
b) If decided, amount of compensation levied for Delayed completion if any?
8. Amount of reduced rate items, if any
9. Performance report
  - i) Quality of Work: Outstanding/Very Good / Good / Poor
  - ii) Financial soundness: Outstanding/Very Good /Good/ Poor
  - iii) Technical Proficiency: Outstanding/Very Good / Good / Poor
  - iv) Resourcefulness: Outstanding/Very Good / Good / Poor
  - v) General Behavior: Outstanding/Very Good / Good / Poor

**DATED:**

**Executive Engineer or Equivalent**



## Annexure \_A

### Scope Of Work

This Maintenance contract include **Maintenance of Fire Frightening System at IISER Pune**

1. To efficiently maintain all equipment's at Pump house such as Main pump, Jockey pump, Diesel engine, Hydrant Valve, Hose reel system etc. to working condition.
2. To take fire drill on every quarterly basis.
3. 04 no's of visit per year shall be done for Preventive Maintenance of all systems.  
(Quarterly basis)
4. To monitor & reduce breakdown by close supervision & preventive maintenance as per checklist provide in maintenance manual.
5. To correct/repairs minor faults to avoid breakdowns.
6. To educate /train operating maintenance staff for preventive maintenance.
7. It includes supply & replacement of Oil filter, Air filter, Lubrication oil, Fuel filters once in a year for Diesel engines (02 nos.) including cost of spare. Spare shall be equivalent and authorized by OEM.
8. Provide required support and documentation for submission of **Form B**
9. Form B shall be certify by authorized agency of Maharashtra Fire services with valid registration certificate at time of submission of form B.
10. Provide required technical support for attending breakdown.
11. Cost of spares (Except Point no 7) is in scope of IISER Pune.
12. Quarterly detailed Report of each equipment shall be submitted.
13. Refer fire engine, fire pump, Hydrant system checklist attached here.







## Preventive Maintenance Checksheet

Machine Name :- Fire Engines		Year 2021-22												Location :- IISER Pune		
S.N.	Check points	Jan	Feb	March	April	May	June	July	August	Sept	Oct	Nov	Dec			
1	Check and clean Air filter.															
2	Check and clean radiator.															
3	Check Belt condition and belt tension															
4	Check battery condition and electrolyte level, top up if required.															
5	Check lub oil level and top up oil if required															
6	Checked functioning of temperature/Pressure gauges.															
7	Checked Coolant level in radiator and top up if required.															
8	Checked Engine and Pump alignment.															
9	Checked for any water, oil, fuel leakages and attended if required															
10	Checked for governor setting.															
11	Check engine starter															
12	Check Engine for abnormal noise															
13	Check engine cooling system.															
14	Replaced of air filter, oil filters, fuel filters ,lubrication oil, coolant once in year															
15	Any other important testing, inspection, calibration etc.															
	<b>Signature Of operator</b>															



Remark:-



**Preventive Maintenance Checklist**

Machine Name :- Fire Pumps, Booster Pumps, Main pumps		Year 2021-22														
		Jan	Feb	March	April	May	June	July	August	Sept	Oct	Nov	Dec			
S.N.	Check points															
1	Check pump and motor shaft alignment															
2	Check for abnormal Noise from pump and motor.															
3	Check motor and pump bearing , do greasing if required.															
4	Checked cooling system of pump and motor															
5	Checked functioning of Pressure gauges.															
6	Check Motor starter and cleaned contactor.															
7	Check for abnormal Noise from pump and motor.															
8	Check for any leakage and attended it.															
9	Check pump for priming.															
10	Check NRV and valves functionality.															
11	Any other important testing, inspection, calibration etc.															
	<b>Signature Of operator</b>															



Remark:-



**Preventive Maintenance Checklist**

Year 2021-22

Location :- IISER Pune

Machine Name :-Hydrant system		Jan	Feb	March	April	May	June	July	August	Sept	Oct	Nov	Dec
S.N.	Check points												
	Hydrant system												
1	Take permission before fire hydrant testing												
2	Visually inspect the area.												
3	Visually check hydrant.												
4	Remove caps. Clean and lubricate threads. Replace caps.												
5	Install hose or diffuser if necessary.												
6	Open hydrant SLOWLY to full open position.												
7	Perform Flow Test if required.												
8	Check for leakage.												
9	Reduce flow and run for at least 3 minutes.												
10	Check water clarity with solid white cup.												
11	Reduce flow SLOWLY and shut off hydrant.												
12	Watch to see hydrant stops dripping. Re-flush if necessary.												
13	Pump water from barrel of hydrant.												
14	Remove hose or fittings, check Cap tightness.												
15	Repair any damage to surrounding area.												
16	Any other important checking, inspecton, testing etc.												





Bill Of Quantity (BOQ)

Name of work:- Non Compressive Annual Maintenance Contract for Fire Hydrant Equipments in ISER Pune Campus.

Note : Quoted Rates are inclusive of all GST, labour, Transportation etc. Nothing Extra shall be paid separately.

Sr. No.	Item Description	Quantity	Unit	Rate per unit per Annum ( Rates in words and figure )	Amount per year
1	Servicing of 100 HP Fire Engine( Make:- Greaves Cotton Ltd .) as per Annexure- A.	1	No.		
2	Servicing of 85 HP Fire Engine ( Make:- Kirloskar) as per Annexure-A.	1	No.		
3	Servicing of 100 HP Main Fire Pump (Make:- Crompton Greaves) as per Annexure-A.	2	Nos.		
4	Servicing of 100 HP Main Fire Pump (Make:- Kirloskar) as per Annexure-A.	1	No.		
5	Servicing of 20 HP Jockey Pump (Make:- Crompton Greaves) as per Annexure-A.	1	No.		



6	Servicing of 10 HP Jockey Pump ( Make:- Kirloskar) as per Annexure-A.	1	No.		
7	Servicing of 15 HP Booster Pump ( Make:- Kirloskar) as per Annexure-A.	1	No.		
8	Servicing of 10 HP Booster Pump ( Make: Mather & Platt Pumps Ltd.) as per Annexure-A.	10	Nos.		
9	Servicing of External Hydrant Post Valve Size- 63 mm as per Annexure-A.	92	Each		
10	Servicing of Internal Hydrant Post Valve Size- 63 mm as per Annexure-A.	254	Each		
11	Servicing of Fire Hose Reel Size- 25 mm with drum ( 30 mtr ) as per Annexure-A.	254	Set		





12	Servicing of external Fire Hose Pipe Size- 63 mm (15 mtr )with Box as per attached Annexure-A.	92	Set		
13	Servicing of internal Fire Hose Pipe Size- 63 mm (15 mtr )with try as per attached Annexure-A.	254	Set		
14	Servicing of Fire Sprinkler as per attached Annexure-A.	800	Each		
15	Servicing of 4 way Size- 63 mm as per attached Annexure-A.	14	Each		
	<b>Total</b>				



*(Signature)*

Executive Engineer IISER Pune

Sign and stamp of Agency

