



माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

Deemed to be University

(Declared under Distinct Category by Ministry of Education, Government of India)

NAAC ACCREDITED WITH A++ Grade

Gola Ka Mandir, Gwalior (M.P.)- 474005, INDIA

Ph.:+91-751-2409300, E-mail: director@mitsgwalior.in, Website: www.mitsgwalior.in



Cost of Tender Form: Rs. 5000/- (Non Refundable)

EMD: Rs. 75,000/-

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TENDER DOCUMENT

FOR

**FIRE SAFETY SYSTEM INSTALLATION IN THE EDUCATIONAL & RESIDENTIAL BUILDINGS
IN THE MITS DEEMED UNIVERSITY CAMPUS (2ND CALL)**

TENDER, 2024-25

The Tender Document contains Pages (09) from Page No 1 to 9



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IN THE MITS DEEMED UNIVERSITY CAMPUS.

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TENDER NOTICE

Sealed tenders are invited from eligible Contractors, having GST/PAN number and Income tax return Form.

Cat. No.	Category of Tenders	Earnest Money (Rs.)	Cost of Tender Form (Rs.)
1.	FIRE SAFETY SYSTEM INSTALLATION IN THE EDUCATIONAL & RESIDENTIAL BUILDINGS IN THE MITS DEEMED UNIVERSITY CAMPUS (2 nd Call)	75,000/-	5000/-

The tender form can be obtained from the office of the Registrar, on or before 28-11-2024 up to 2:00 PM by depositing the cost of tender form in cash (Non-refundable) during Institute working hours. The last date for the submission of completed tender form is 28-11-2024 up to 3:00 PM and tenders will be opened on 28-11-2024 @ 4:00 PM in the presence of the tenderers or their representatives. The tender documents can be downloaded from the institute website www.mitsgwalior.in. The tenders directly downloaded from the Institute website, must be attached with a demand draft of Rs 5000/- in favor of the **Director, MITS, Gwalior**, payable at Gwalior, as the cost of tender form.

REGISTRAR



GENERAL TERMS & CONDITIONS

1. The tender form can be obtained from the office of the Registrar, on or before 28-11-2024 up to 2:00 PM by depositing the cost of tender (Rs-5000/-) form in cash (Non-refundable) during Institute working hours.
2. The tender documents directly downloaded from the institute website, must be attached with a demand draft of the tender cost in favour of Director, MITS, Gwalior payable to Gwalior. (Web site : www.mitsgwalior.in)
3. Earnest money deposit (EMD) (Cost Rs-75,000/-) is to be submitted along with the completed tender form duly sealed in 1st cover (Technical Bid).The EMD shall be in the form of **Demand Draft in favor of the Director, MITS, Gwalior, payable at Gwalior**. No interest will be paid on the EMD Cost.
4. Eligibility criteria for applying the tender.
 - (a) Valid GST Registration certificate and GST IN Number.
 - (b) Proof of the Latest Income Tax Return.
 - (c) Proof of past satisfactory assignment of the same nature of work done (FIRE SAFETY WORKS) in the reputed departments in last three years.(work order/Experience Certificate should be attached)
 - (d) Valid Pan card

These certificates, Demand draft of tender cost & EMD are to be put inside the 1st envelope.

The tenderers shall submit the tender in two sealed envelopes **marked as 1st and 2nd**. **The first envelope should contain the EMD, Tender Cost DD (if downloaded from institute website) and copies of all relevant documents pertaining to eligibility criteria and second envelope should contain the tender form of the price bid.** In case, the 1st envelope is not annexed for eligibility criteria in the proper form as mentioned above in clause 5, and/or is without EMD, the envelope marked 2nd will not be opened at all and the same will be rejected and no representation shall be entertained in this regard. **These two envelopes are to be put inside the third separate envelope.**

5. **All sealed cover envelopes** must be super scribed **“Tender for Fire Safety System installation in the Educational & residential Buildings in the MITS Campus (2nd call)”** on the top of envelope.
6. The last date & time of submission of tender is (On or before) **28-11-2024 up to 3.00 p.m.**
7. First envelope will be opened on **28-11-2024 @ 4.00 p.m.** The second envelope of only the eligible tenderers will be opened on the same day.
8. Validity of the rates will be up to **one year** from the applicable date of the tenders & can be extended with the permission of Vice Chancellor, MITS Gwalior.
9. Telegraphic/Fax and conditional tenders shall not be accepted.
10. Vice Chancellor, MITS, Gwalior, reserves the rights to accept or reject any or all tenders without assigning any reason thereof.
11. The rates should be F.O.R. at site (Institute Premises) & no extra charges on this account (For octroi, and surcharge etc.) shall be payable to the suppliers.
12. Our institute is exempted to pay excise duty.
13. The rates should include all materials, labour charges, profit and relevant taxes, if any.
14. The tenderers, whose tender is accepted, shall have to sign an agreement as per the given format.
15. Any amount due or becoming due for the tenders shall be covered from their bills.
16. The competent authority reserves the right to increase or decrease the quantity of any item during the execution of the work. The tenderers will be bound to comply with the order of the competent authority without any claim and compensation.
17. The competent authority will have the right of rejecting all or any part of the tender without assigning any reason; **even the lowest tender does not necessarily qualify for the order.**



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18. The rates should be competitive and workable.
19. Any legal controversy will be subjected to disposal in Gwalior jurisdiction only.
20. The whole supply and work should be satisfactorily executed within stipulated time from the date of issue of order. Time extension will not be permitted.
21. The Contractor is binding himself to follow all the labour law & regulations.
22. Before making any supply of any materials to the Institute, the Contractor shall get the approval by the competent authority or his representative; otherwise the supply shall not be approved. To check the rest of supply, he should submit the approved sample in our office, if items do not belong to reputed or registered make.
23. The Contractor should satisfy himself regarding the magnitude of the supply & works by visiting the site before submitting the tender.
24. Warranty period should be clearly specified as per the latest term and condition of the original manufacturers and the parts and labour costs are to be included for the full warranty period.
25. The warranty period will be considered from the date of supply of the items.
26. A duly constituted committee of the Institute may inspect the work done by the Contractor at other places. The committee may also inspect infrastructure of those applicants who qualify the eligibility criteria in clause – 5, for satisfaction.
27. M.I.T.S. Gwalior will have the right to check the samples before supply and work.
28. Payment will be made after the successful and satisfactory supply and work.
29. A duly constituted committee of the Institute may inspect the completed work done by the Contractor in the last 3 financial years.
30. The contractor shall execute the work as per specifications given in the tender document which are based on NATIONAL BUILDING CODE 2016 PART-IV & relevant IS codes.
31. Income Tax shall be deducted from the bill as per applicable rules.
32. The GST @ 18 % or as per current law will be payable on Gross amount of the Bill to the contractor.
33. 1% CGST and 1% SGST shall be deducted from the running bill.
34. 5% Security amount shall be deducted from the running bills and will return after the completion of defect liability period.
35. 1% Electricity/Water charges shall be deducted from the running bills.
36. 1% Labour welfare Tax will be deducted.
37. If any miss happening takes place during work, responsibility of any kind of compensation will be binding to the contractor only.

(Dr. R.K Pandit)
VICE CHANCELLOR

I have studied the above general terms & conditions of contract and shall abide by them.

Signature with Seal of Contractor/Firm

Name:.....

Date :.....



FINANCIAL BID (2nd call)
(ITEM Rate Tender)

S.No.	ITEM DESCRIPTION	Unit	TOTAL QTY	RATE (Rs) Excluding GST	Total Amount (Rs)
1	Pipe ISI mark MS pipe specials etc. for hydrants cutting the pipes to required length, edge preparation welding, fixing, erection of pipes wherever required and specials i.e. bends, tees etc, in proper position including all supports as per layout, joining by welding, aligning the pipeline, painting with primer coat and two coats of fire red color and of other instruments including. Hydrostatic testing of system as specified, flushing and cleaning by water etc. complete as per drawing and direction of the Engineer-in-charge.				
1.1	100mm(4") Pipe MS "C" Class (MAKE: JINDAL/APOLLO) (sd&s-08-04-24)	Mtr.	1		
1.2	80mm (3") Pipe MS "C" Class (MAKE: JINDAL/APOLLO) (sd&s-08-04-24)	Mtr.	1		
1.3	25mm (1") Pipe MS "C" Class (MAKE: JINDAL/APOLLO) (sd&s-08-04-24)	Mtr.	1		
2	Providing and fixing 2 way fire brigade connections (FBC) of CI bodywith2 nos. gun metal male instantaneous inlet couplings complete with cap and chain as required. For150mm dia MS pipe connection, confirming to IS 904 as required. MAKE (ARMOR/ATASEE/KARTAR)	No's.	1		
3	Butterfly Valve: ISI marked cast iron double flanges valve with gunmetal. Including testing complete as per drawings and directions.				
3.1	100 mm(4") MAKE (ARMOR/ATASEE/KARTAR)	No's.	1		
3.2	80 mm(3") MAKE (ARMOR/ATASEE/KARTAR)	No's.	1		
4	Providing, installation, testing and commissioning of dual plate non-returnvalve of following sizes confirming to IS 5312 complete with rubber gasket, GI bolts, nuts, washers etc. a required.				
4.1	100 mm(4") MAKE (ARMOR/ATASEE/KARTAR)	No's.	1		
4.2	80 mm(3") MAKE (ARMOR/ATASEE/KARTAR)	No's.	1		



5	FIRE EXTINGUISHER ABC TYPE (ISI Mark-4Kg.) , MAKE (ARMOR/ATASEE/KARTAR)	No's.	1		
6	FIRE EXTINGUISHER CO2 TYPE(ISI Mark-4.5Kg.), MAKE (ARMOR/ATASEE/KARTAR)	No's.	1		
7	FIRE EXTINGUISHER ABC TYPE (ISI Mark-9Kg.), MAKE (ARMOR/ATASEE/KARTAR)	No's.	1		
8	Providing and fixing first -Aid hose reel with MS construction spray painted in post office red, confirming to IS 884 with up to date amendments, complete with the following as required.) (a) 30-36m long 20mm (nominal internal) dia water hose thermoplastic (textile reinforced) type -2 as per IS 12585 (b) 20mm (nominal internal) dia gun metal globe valve and nozzle. (c) Drum and brackets for fixing the equipments on wall. (d) Connections from riser with 40 mm dia stop valve (gun metal) and M.S. pipe, MAKE (ARMOR/ATASEE/KARTAR)	No's.	1		
9	Providing and fixing pressure transducer (dial type pressure gauge with isolation cock) in MS pipe line (dial diameter 100mm pressure range 0-10 kg/cm) suitable for 12 volts/24DC. Including connection etc. as required. MAKE :- GURU/EQUVALENT	No's.	1		
10	Providing and fixing Pressure switch in the MS pipe Line including connection etc. as required. Capacity 4.5 kg. MAKE LEFCO/EQUVALENT	No's.	1		
11	Providing and fixing single headed hydrant valve with instantaneous female Gun metal couplings of required dia with cast iron wheel ISI marked conforming to IS 5290 (Type - A) with blank gunmetal cap and chain, adopter as required complete as directed by Engineer-in-Charge.63mm dia, MAKE (ARMOR/ATASEE/KARTAR)	nos	1		
12	Supplying and fixing dia,15m long, RRL hose pipe with following dia male and female gun metal couplings duly binded with GI wire, rivets etc confirming to IS 636 (type-A)as required.63 mm dia, MAKE (ARMOR/ATASEE/KARTAR)	nos	1		
13	Providing and fixing hose cabinet of size 900x600x500mm made of 2 mm thick MS sheet with 4 mm thick float glass doors in front painted "FIRE" in red paint i/c necessary locking arrangement suitable to accommodate external hydrant with butterfly valve 2 nos. 15m Long hose pipe, 1 no branch pipe mounted on wall or raised brick platform& duly painted with post office red externally and white internally with synthetic enamel paint complete in all respects for external hydrant, as directed by Engineer-in- Charge., MAKE (ARMOR/ATASEE/KARTAR)	nos	1		



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14	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank , MAKE :- SINTEX/SUPREME/EQUIVALENT	litre	1		
15	Steel work in built up M.S. tubular section (round, square or rectangular hollow tubes etc.) trusses/frame work etc. including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. (MAKE-TATA/SAIL/APOLLO)	Kg.	1		
16	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings. This included jointing of pipes and fittings with one step CPVC solvent cement, trenching, refilling and testing of joints complete as per direction of Engineer-in- Charge. External Work 25 mm nominal outer dia .Pipes. (MAKE-ASTRAL/FINOLEX/SUPREME)	Rm	1		
17	Fixing and Installation Air Released Valve at the top of the Pump , 1" (1.6MPA) , MAKE - SANT	No's.	1		
18	Manually operated electronic fire alarm system (including 2 hooter, 2 MCB , 1 panel & cable connection as required) ,Make - Honeywell/Agni/Equivalent	No's.	1		
19	Manual operated siren (1 km range) ,Make - Agni/Equivalent)	No's.	1		
20	Supplying, Installation, Testing and Commissioning of electric driven Terrace pump suitable for automatic operation and consisting of following: complete in all respect as required. A) Horizontal type, multistage, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and confirming to IS : 1520 B)Suitable HP SQ cage induction motor TEFC type suitable for operation on 415 volts, 3 phase 50 Hz. AC with IP55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325 C) M.S. Fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. D) Suitable cement concrete foundation duly plastered with anti vibration pads. & MS Shed for covering the Pump unit E) Including Wheather Proof electrical panel complete with all Starters, Cable, Mccb, etc. wherever required. MAKE :- TEXMO/LUBI/KIRLOSKAR				
20.1	Flow of 800-1000 LPM & power of 10 HP	No's.	1		
20.1	Flow of 450-600 LPM & power of 7.5 HP	No's.	1		



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21	MONOBLOCK PUMP 1 HP ,130 LPM at 12-15 m head MAKE - TEXMO/LUBI /KIRLOSKAR	No's.	1		
22	Making Hole of 6 inches on RCC Floor with the help of Core cutting machine & repairing the opening after fixing of pipe with proper material (water proofing material to be used)	No's.	1		
23	Providing & fixing of 6 sqmm 3 core , cooper unarmored Pvc cable as required for the Electrical connection (Make- FINOLEX/KEI/HAVELLS)	Rm	1		
24	Providing & fixing of 4 sqmm 3 core , cooper unarmored Pvc cable as required for the Electrical connection (Make- FINOLEX/KEI/HAVELLS)	Rm	1		
25	SMOKE DETECTOR , MAKE apollo/Honeywell/Equivalent	nos	1		
			TOTAL (RS)		
			GST @ 18%		
			Net Amount (Rs)		
TENDER QUOTED AMOUNT (IN WORDS)					

Date

Sign & Seal of Contractor/Firm/Agency

NOTE:- The L1 vendor will be finalized by comparing the final tender quoted amount (i.e all the rates quoted will be multiplied by the qty and the summation of all will be the final figure for the L1 Evaluation).