

**Cost of Tender Form: Rs. 1000/- (Non refundable) S. No. : .....**

**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE,  
GWALIOR – 474 005**



**TENDER DOCUMENT**

**FOR**

**Water Hydrant System at Boy's Hostel No.07**

**Tender, 2018-2019**

The tender documents contains pages 07 from page no.01 to 07

**MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE, GWALIOR**  
**TENDER NOTICE**

Sealed tenders are invited from eligible registered suppliers/agencies who are registered and having TIN/PAN/GST No. and proof of Income Tax clearance Certificate. The tender form shall be issued to those agencies/firms who qualify the below criteria and provide documentary proof of past satisfactory assignments of same nature of works done in the reputed department.

<b>Cat.No.</b>	<b>Category of Tenders</b>	<b>Earnest Money (Rs.)</b>	<b>Cost of Tender form Rs. (Non refundable)</b>
1.	Water Hydrant System at Boy's Hostel No.07 in the campus	10,000/-	1000/-

The tender document can be obtained from the office of the undersigned, on or before **21.06.2018** up to **02:00 PM** by depositing the cost of tender form in cash/DD in favour of Director, MITS, payable at Gwalior (Non-refundable) in the Institute working hours. The last date for the submission of completed tender form is **21.06.2018** up to **03.00 PM** and tenders will be opened on **21.06.2018** at **4:00 PM** in the presence of the tenderers or their representatives. The tender documents can be downloaded from the web-site [www.mitsgwl.ac.in/www.mitsgwalior.in](http://www.mitsgwl.ac.in/www.mitsgwalior.in). The tenders directly downloaded from the website, must be attached with a Draft/Pay order in favour of the **Director, MITS, Gwalior, payable at Gwalior,** for the tender cost.

**REGISTRAR**

## TENDER 2018-19

### GENERAL TERMS AND CONDITIONS

1. Tender documents can be obtained against cash payment/DD of Rs.1000/- in favour of DIRECTOR, MITS, Gwalior payable at Gwalior (non-refundable) on or before **21.06.2018** upto **02:00 PM** from the Institute during working days. The tender form can also be directly downloaded from the institute website **www.mitsgwl.in/www.mitsgwalior.in** and shall be enclosed with tender form fees of Rs.1000/- in form of a D.D. in name of Director, MITS, payable at Gwalior.
2. Earnest money amount of **Rs. 10,000/-** deposit (EMD) is to be submitted directly as per item Head along with the completed tender form duly sealed in 1<sup>st</sup> cover. The EMD shall be in the form of Demand Draft/Pay Order in favour of the **Director, MITS, Gwalior** payable at Gwalior.
3. Eligibility Criteria for applying for the tender:-
  - A. Valid GST Number is compulsory.
  - B. Valid TIN Number and PAN Card Photocopy.
  - C. Proof of Past Satisfactory assignment of the same nature of work done in the reputed departments.

**These certificates are to be put inside the 1<sup>st</sup> envelop.**
4. The tenderers shall submit the tender in two sealed envelopes marked as 1<sup>st</sup> and 2<sup>nd</sup>. **The first envelop should contain the E.M.D. and copies of all relevant documents pertaining to eligibility criteria and the second envelop should contain the tender form of the price bid.** In case the 1<sup>st</sup> cover is not annexed for eligibility criteria in the proper form as mentioned above in clause (3) and/or is without E.M.D. the envelop marked 2<sup>nd</sup> will not be opened at all and the same will be rejected and no representations shall be entertained in this regard. The sealed covers must be super-scribed with the contents contained there in.
5. The last date and time of submission of tenders is on **21.06.2018** upto **03:00 PM**.
6. Tenders will be opened on **21.06.2018** at **04:00 PM**. First envelop will be opened from **04:00 PM** and the second envelop for the eligible tenderers will be opened on the same date.
7. Validity of the rates will be upto **31.03.2019**.
8. Telegraphic/Fax and conditional tenders shall not be accepted.
9. **Director, MITS, Gwalior**, reserves the right to accept or reject any or all tenders without assigning any reason thereof, **even the lowest tender does not necessarily qualify for the order.**
10. The rates should be **F.O.R. at site (Institute Premises)**. No extra charges on this account (for Octroi, sales tax and surcharge, etc) shall be payable to the suppliers.
11. Our Institute is exempted to pay excise duty.
12. **The rates should include all material, labour charges, profit & relevant taxes including GST, if any.**
13. The tenderers whose tender is accepted shall have to sign an agreement as per the format of institute.

14. Any amount due or becoming due for the tender shall be recovered from their bills.
15. The competent authority reserves the right to increase or decrease the quantity of any item or cell during the period of contract. The tenderers will be bound to comply with the order of the competent authority without any claim and compensation.
16. The rate should be competitive and workable.
17. Any controversy will be subject to display in Gwalior Jurisdiction only.
18. The Income Tax shall be deducted from the bills as per the rules.
19. The whole supply should be satisfactorily executed within stipulated time from the date of issue of order. Time extension will not be permitted.
20. The tenderers shall execute the work as per specification mentioned in the supply order.
21. Before making any supply of any materials to the Institute, the tenderers or his representative shall get it approved by the competent authority, 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.
22. The tenderer should satisfy himself regarding the magnitude of the supply and no claim on this account shall be entertained thereafter.
23. Warranty period should be clearly specified as per the latest terms & conditions of the original manufacturers and the parts and labour cost are to be included for the full warranty period.
24. The warranty period will be considered from the date of supply of the items.
25. A duly constituted committee of the Institute may inspect the supply made by the tenderer at other places. The committee may also inspect infrastructure of those applicants who qualify the eligibility criteria in clause-3, for satisfaction.
26. M.I.T.S., Gwalior will have rights to check the sample before supply.
27. Payment will be made after the successful and satisfactory supply and installation/completion of the work.
28. The contractor/firm have to be completed the assigned works or part of work positively otherwise it will be treated as breach of the contract and deposited earnest money shall be forfeited.
29. The EMD of successful tenderes will be released only after 31.03.2019.

**Registrar**

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

**Seal & Signature of the Agency/Firm**

## MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR-05

Bill of Quantities for Water Hydrant System at Boy`s Hostel (No. -7)

S.N	Description of Items	QTY	Rate Quoted		Total Amount
			In words	In figures	
1.	<p><b>Supplying, Installation, Testing and commissioning of Electrical Driven Terrace Pump suitable for auto operation and consisting of following complete in all respect as required:-</b></p> <p><b>A-</b>Horizontal type, Centrifugal and suction pump of C.I. Body, Bronze impeller with Stainless steel Shaft, Mechanical seal and flow of <b>900 LPM at 45</b> meter head (approx.)/7.5 HP(Minimum)confirming to <b>IS: 1520</b></p> <p>Squirrel cage induction motor <b>TEFC</b> Type(Totally enclosed fan cooled) suitable for operation on 415 V±10%, 03 phase,50Hz AC with <b>IP 55</b> class of protection for enclosure, horizontal foot mounted type with <b>class F</b> insulation confirming to <b>IS: 325</b></p> <p>M.S. fabricated common base frame, flexible coupling, coupling guard, and foundation bolts/fasteners with AVP Pad.</p> <p><b>B.</b>Suitable cements concrete foundation complete as per manufactures design and as per detailed specification. Pump shall be enclosed with M.S. Sheet from weather at Terrace.</p>	<p><b>01 no.</b></p> <p><b>01 Job</b></p>			
2.	<p><b>A.</b>Supplying of electrical control panel, Wall mounted type, fabricated out of 2mm thick CRCA sheet, with lockable door, powder coated and internal wiring, earth terminals, complete in all respects, suitable for operation on 415 V, 03 phase, 50 HZ. AC supply including control cables of required length from pump to fire panel and from fire panel to main AC Supply including Voltmeter,Ammeter,selector switches, MCB of required capacity</p> <p><b>B.</b> Installation, Testing &amp; Commissioning of electrical control panel</p>	<p><b>01No.</b></p> <p><b>01Job</b></p>			
3.	<p><b>Supplying of M.S. Pipe on Surface:</b> Supplying of following sizes(NB) of <b>ISI</b> marked heavy class(C-Class) M.S. Pipes:-</p> <ol style="list-style-type: none"> <li><b>1.</b> 150 mm dia pipe for future expansion of hostel</li> <li><b>2.</b> 100 mm dia pipe for Risers</li> <li><b>3.</b> 80 mm dia pipe for Hydrant valve taping</li> <li><b>4.</b> 25 mm dia pipe for Hose Reel Taping</li> </ol>	<p>(Appro x.Qty.)</p> <p><b>06 mtr.</b></p> <p><b>54 mtr.</b></p> <p><b>06 mtr.</b></p> <p><b>12 mtr.</b></p>			

4.	Laying, fixing, testing and commissioning of M.S. Pipe of required quantities including cutting, threading (if required), welding etc. and providing all fittings like elbows, reducers, clamps, hangers, flanges, gaskets, nut bolts and washers etc. including painting of pipes and fittings with red paints (Double coat) and red oxide (single coat) with good quality.	<b>01 Job</b>			
5.	Core cutting and related civil work required as per point 4 <b>Note: Tenderer/Vender is requested to visit the site for suitable and short route selection.</b>	<b>01 Job</b>			
6.	Supplying, installation, testing and commissioning of Single Headed Stainless Steel <b>ISI</b> marked hydrant valve 63 mm with ABS cap and G.I. chain conforming to <b>IS: 5290</b> with 80 mm dia. NB Flange inlet complete with all accessories etc. as required.	<b>10 no.</b>			
7.	Supplying, installation, testing and fixing of Hose Reel Drum <b>ISI</b> Marked wall mounting, Swinging type of M.S. Construction conforming to <b>IS: 884/1995</b> fitted with 30 mtr /19 mm thermo plastic hose with Gun Metal Ball Valve, elbow, union & PVC Nozzle.	<b>09 no.</b>			
8.	Supplying, installation, testing and commissioning of 63 mm dia 15 Mtr RRL (Reinforced Rubber Lined) Type A hose <b>IS: 636</b> Type A fitted with <b>ISI</b> S.S. male & female coupling and MS wire binding.	<b>10 no.</b>			
9.	Supplying, installation, testing and commissioning of S.S. Branch pipe with 20 mm dia nozzle conforming to <b>IS: 903</b> , suitable for installation connection to hose coupling etc. as required.	<b>10 no.</b>			
10.	Supplying, installation, testing and commissioning of 18 Gauge M.S. hose box suitable for 1X15 mtr. RRL +1 Branch pipe, Single Door. The box shall be painted with one coat of primer and 02 coats of synthetic enamel paint of approved shade.	<b>10 no.</b>			
11.	Supplying, installation, testing and commissioning of 02 way instantaneous Fire Brigade Inlet Connection (FBIC) comprising of Gun Metal Body and Gun metal instantaneous male inlet coupling conforming to <b>IS: 904</b> suitable for 100 mm dia, M.S. Pipe connection, with Butterfly Valve 04”.	<b>01 no.</b>			
12.	Supplying, installation, testing and commissioning of Double plate Non-Return Valve Cast Iron wafer type <b>PN1.6</b> 100mm conforming to <b>IS: 5312</b>	<b>01 no.</b>			
13.	Supplying, installation, testing and commissioning of Butterfly valves CI body of <b>PN1.6</b> rating Lever Type 100mm conforming to <b>IS: 13095</b> with S.G. Iron disc, powder coated.	<b>03 no.</b>			
14.	Supplying, installation, testing and commissioning of Pressure Gauge suitable for (0-18 Kg/cm <sup>2</sup> ) with isolation valve and Siphon pipe.	<b>02 no.</b>			

15.	Supplying, installation, testing and commissioning of Air Release Valve with fittings 25 mm	<b>01 no.</b>			
16.	Providing, fixing, testing and commissioning of 15 mm dia quartzoid bulb type Stainless steel Sprinkler head suitable to operate at 68° pendent type.	<b>30 no.</b>			
17.	Supply of MS "C" Class Pipe for fitting of Sprinkler Line as follows: ( <b>Apprx. qty.</b> )				
	<b>4"-</b>	20Mtr			
	<b>3"-</b>	20 Mtr			
	<b>2.5"</b>	30 Mtr			
	<b>2"</b>	30 Mtr			
	<b>1.5"</b>	45 Mtr			
	<b>1.25"</b>	45 Mtr			
	<b>01"</b>	60 Mtr			
18	Laying, testing and commissioning of MS Pipe of required quantities including cutting, welding etc. and providing all fittings i.e. elbows, reducers, sockets, clamps, hangers, Tie-rod, U Clamp, nut bolts and washers etc. including painting of pipes and fittings with red paints(02 coat) and red oxide(single coat) with good quality	<b>01 Job</b>			
				<b>Total</b>	

**Name:**

**Signature:**

**Date:**