



# MAHARSHI DAYANAND UNIVERSITY ROHTAK

(A State University established under Haryana Act No. 25 of 1975)

NAAC accredited 'A' Grade

## SHORT NOTICE INVITING TENDER

Sealed tenders on percentage basis are invited on behalf of the Registrar, MDU, Rohtak from contractors / societies / agencies on approved list of PWD, MES, CPWD, autonomous bodies and State / Centre Govt. undertakings. The tender forms will be issued to the Contractors / Societies /Agencies/Manufacturers, Supplier & Authorized Dealers (for item no. 1 only) up to the date of opening of tenders as mentioned against work by 12:00 Noon and will be received up to 2:00 P.M. in the office of the Registrar and opened at 3:00 P.M. on the same day in the Committee Room of Registrar office in the presence of the tenderers or their authorized representatives, who may like to be present at that time. **The tender documents may be obtained from the office of the undersigned and the same be deposited in the office of the Registrar by the due date.**

Sr. No.	Name of work	App. Amt. (Rs.)	Earnest Money (Rs.)		Cost of tender form (Rs.)	Date of opening of tender	Time limit
			Society	Contractor			
1.	Providing Sprinkle and Riser System in Cricket Ground	15,30,000/-	15,300/-	30,600/-	1,000/-	26.08.2014	02 months
2.	Construction of underground water tank having 200 KL capacity in Cricket Ground	13,88,000/-	13,880/-	27,760/-	1,000/-	26.08.2014	03 months
3.	White washing, distempering and painting in Girls Hostel No.3 (Saraswati)	8,39,000/-	8,390/-	16,780/-	1,000/-	26.08.2014	1½ months

### CONDITIONS:-

1. Complete NIT / DNIT (Detailed Notice Inviting Tender) alongwith eligibility criteria/terms & conditions and changes if any can be seen in the office of undersigned on any working day during office hours (9:00 AM to 5:00 PM) or on University Website – [www.mdurohtak.ac.in](http://www.mdurohtak.ac.in)
2. The tenderer will keep in touch with the University Web site for any change in the NIT / DNIT till the last date/revised last date of sale of tender and incorporate such changes in NIT / DNIT and the tender bids.
3. At the time of purchase of tender documents, the contractors should submit the following documents:-
  - (a) Proof of enlistment.
  - (b) Copy of PAN card.
  - (c) Copy of latest income tax return.
  - (d) Successfully work done certificates of civil works during last 5 years (financial year 2009-10 to 2013-14) as under:-
    - One certificate of 80% of the estimated cost of this tender.
    - Or
    - Two certificates of 60% of the estimated cost of this tender
    - Or
    - Three certificates of 40% of the estimated cost of this tenderAll the above certificates in paras 3(a) to 3(d) above will be self attested with stamp.
4. For item no. 1, at the time of purchase of tender documents, the Manufacturers/Supplier/Authorized Dealers should submit the five successfully work done certificate of similar nature work during last 03(three) years.

5. In case tendering receiving / opening day happens to be a holiday, the tenders will be received / opened on next working day at the same time.
6. Validity of tender will be 90 days.
7. Earnest money is to be deposited at the time of purchase of the tender. It should be in the shape of Demand Draft in favour of the Executive Engineer, MDU, Rohtak payable at Rohtak.
8. Contractors shall quote the rate of all items of DNIT separately. The N.S. item rates are to be quoted separately. The tender without item wise rate in DNIT, will be rejected.
9. The rates should be quoted in words as well as in figures otherwise the tender will liable to be rejected.
10. Conditional tender is liable to be rejected.
11. Any work, here tendered, may be withdrawn from further processing at any stage at the discretion of the competent authority without assigning any reason.
12. Engineer-in-Charge is competent to increase / decrease the quantity of work. In case of decrease of quantity, the contractor shall have no claim to any payment or compensation whatsoever on account of any profit or advantage which he might have derived from the execution of the work in full.
13. Nothing extra whatsoever shall be paid on account of losses, damages done by rains or any other natural calamity.
14. The tender is liable to be rejected if the tender is found in variance of the above conditions or the conditions of the DNIT.
15. The University reserves the right to accept or reject or negotiate any of the tender or conditions/items without assigning any reason.
16. Plumbing and E.I. work shall be got done through license holder agencies for the works involving PH / E.I.
17. The agencies shall paste the cello tape on the rates quoted by them.
18. Tender by post / telegraphic/courier shall out rightly be rejected.
19. Exemption of tender fee or earnest money or security will not be permitted in any case.

**Executive Engineer**

Endst. No. EE/ 2014 / 4022-4060

Dated: 12.08.2014

A copy of the above is forwarded to the following for information and necessary action:-

1. Superintending Engineer, PWD B&R Circles, Rohtak
2. Technical Advisor to VC, MDU, Rohtak
3. Executive Engineer(C-II), MDU, Rohtak

4. Executive Engineer, PWD B&R (Medical College), Rohtak / KUK / HAU. Hisar / GJU, Hisar / CDLU, Sirsa / BPS Women University, Khanpur/ DBSCRU, Murthal
5. P.A. to Vice-Chancellor (for kind information of the Vice-Chancellor), M. D. University, Rohtak
6. P.A. to Registrar (for kind information of the Registrar), MDU, Rohtak
7. Divisional Accountant, Engg. Cell, MDU, Rohtak
8. SDE(C-I, II, III) / SDE (Elect.) / SDE (PH) / SDE (Horti.-I, II), MDU, Rohtak
9. H.D.M., Engineering Cell, MDU, Rohtak
10. Notice Board
11. Contractor/Agency/Society: \_\_\_\_\_

**Executive Engineer**

## DETAILED NOTICE INVITING TENDER

Name of the work “Providing Sprinkle and Riser System in Cricket Ground in MDU, Rohtak”

**App. Amt. Rs. 15.30 lac.**  
**Earnest Money Rs. 15,300/- / Rs. 30,600/-**  
**Time Limit: 02 months**

Sr. No.	H.S.R. Ref. No./N.S.	Description	Qty.	Unit	Individual Rate to be quoted by the contractor (Rs.)
1.	N.S.	Providing, laying and jointing in position PVC pipe conforming to IS:4985:2000(ISI mark and suitable for the respective working pressures with all fittings and accessories e.g. couplings, tees, bends, reducers, screwed adaptors, flanged tail pieces etc. jointing as per manufacturer's instructions, including earth work in excavation and refilling (Earth work includes 450 mm of soil cover over main line and 300 mm of soil cover over the lateral line) complete to the entire satisfaction of Engineer-in-Charge. <b>(SUPREME/FINOLEX/DURALINE MAKE)</b> a) PVC Pipe 75 mm (OD) 6 kg/cm <sup>2</sup>  b) PVC Pipe 63 mm (OD) 6 kg/cm <sup>2</sup>  c) PVC Pipe 50 mm (OD) 6 kg/cm <sup>2</sup>  d) PVC Pipe 40 mm (OD) 6 kg/cm <sup>2</sup>  e) PVC Pipe 32 mm (OD) 10 kg/cm <sup>2</sup>	384 mtr.  600 mtr.  348 mtr.  852 mtr.  12 mtr.	Per mtr.  Per mtr.  Per mtr.  Per mtr.  Per mtr.	

Sr. No.	H.S.R. Ref. No./N.S.	Description	Qty.	Unit	Individual Rate to be quoted by the contractor (Rs.)
2.	N.S.	<p>(a) Providing &amp; fixing of Sprots Sprinkler with stainless steel rotor, heavy-duty commercial equipped with a standard rubber cover and offers a choice of five nozzles and geardrive with twelve fixed arcs including full circle. sprinkler should be radius of through 47 - 67 feet (14.3 - 20.4 mtr.) with 6 to 25 USGPM (22.7 to 94.6 LPM), full- or part-circle fixed, operating pressure 40 to 90 PSI (2.8 to 6.2 bar), pop-up height 2<sup>3</sup>/<sub>8</sub>"(6 cm), body height 9" (23 cm), body diameter 2<sup>1</sup>/<sub>2</sub>" (6.4 cm), cap diameter 3<sup>1</sup>/<sub>4</sub>"(8.3 cm), exposed diameter 1<sup>3</sup>/<sub>4</sub>" (4.4 cm). vandal-resistant cap with locking set screw, Sprinkler should 1" BSP female threaded inlet. Water distribution shall be via two (2) nozzles mounted in a 1<sup>1</sup>/<sub>2</sub>" diameter stainless-steel nozzle turret. The dual nozzles shall elevate 2<sup>3</sup>/<sub>8</sub>" when in operation. Trejectory is 27°, radius reduction shall be adjustable up to 25%, radius adjustment screw accessible from the top of the nozzle. The body and cap of the sprinkler shall be injection molded from ABS, a non-corrosive, impact-resistant, UV-resistant, heavy-duty plastic material. The sprinkler shall have a plastic filter screen sized to prevent entry of foreign material into the nozzle, Standard Check-O-Mastic maintains up to 4.6m (15') complete to the entire satisfaction of Engineer-in-Charge. <b>(TORO/IRRITROL/WHEATHERMATIC MAKE)</b></p> <p>(b) Providing &amp; fixing of Swing Joints rigid PVC make moulded with pressure rating of 15 Bars at 24 °C, with BSP threads. All component shall be factory pre-</p>	78 nos.	Each	

Sr. No.	H.S.R. Ref. No./N.S.	Description	Qty.	Unit	Individual Rate to be quoted by the contractor (Rs.)
		<p>assembled, with 1" size inlet/outlet, length will be 12". All rotating joints are modified stub ACME threads with EPDM rubber double O-rings for positive sealing. Swing joint shall have pressure loss of less than 0.14 Bars at 1.26 lps. The maximum safe flow shall be 2.52 lps. (Imported) complete to the entire satisfaction of Engineer-in-Charge.</p> <p><b>(TORO/IRRITROL/WHEATHERMATIC MAKE)</b> 1" Size Swing Joint</p>	84 nos.	Each	
3.	N.S.	<p>a) Providing &amp; fixing of Brass Quick Coupling valve of size 1" alongwith Cover &amp; complete fittings and accessories. The QCV shall be attached to a Solid support to prevent rotation complete to the entire satisfaction of Engineer-in-Charge.</p> <p><b>(TORO/IRRITROL/HARIT MAKE)</b></p> <p>b) 1" Brass QCV Key <b>(TORO/IRRITROL/HARIT MAKE)</b></p> <p>c) 1" Brass Swivel Elbow <b>(TORO/IRRITROL/HARIT MAKE)</b></p>	06 nos.  02 nos.  02 nos.	Each  Each  Each	
4.	N.S.	<p>Providing &amp; fixing of a 2" Size double acting air release valve made of Cast Aluminium body combines lightweight strength and corrosion resistance. The air release valve shall be capable of both releasing and admitting air from and into the line. The working pressure shall be 80 PSI complete to the entire satisfaction of Engineer-in-</p>	02 nos.	Each	

Sr. No.	H.S.R. Ref. No./N.S.	Description	Qty.	Unit	Individual Rate to be quoted by the contractor (Rs.)
		<b>Charge.(TORO/IRRITROL/HARIT MAKE)</b>			
5.	N.S.	Providing & fixing of Brass Body, Non-Rising Stem, Full Port Brass Lateral valve, 200 PSI/14 Bar Non-Shock Cold Working Pressure NSF/ANSI 61-8 Compliant prior to Solenoid Valves complete to the entire satisfaction of Engineer-in-Charge. <b>(NIBCO/PEGLER/JAI make)</b> a) Lateral Valve Brass 50mm (2")	15 nos.	Each	
6.	N.S.	Providing & fixing of plastic round valve box on all valves. The valve boxes shall be heavy duty plastic with poly vinyl chloride reinforce and a green top complete to the entire satisfaction of Engineer-in-Charge. <b>(CARSON/CEPEX/TORO MAKE)</b> a) 12" Size Rectangular Valve Box  b) 10" Size Round Valve Box	14. nos.  03 nos.	Each  Each	
7.	N.S.	Providing & fixing of a pump set with the following characteristics : Head : 56 Meters Discharge : 5.8 LPS The pump shall be self priming & capable of switching off automatically if the water level falls, complete with all fittings and accessories complete to the entire satisfaction of Engineer-in-Charge. <b>(KIRLOSKAR/TEXMO/CROMPTON MAKE)</b> a) Kirloskar Make 10 HP Openwell Submersible Pump	01 no.	Each	

Sr. No.	H.S.R. Ref. No./N.S.	Description	Qty.	Unit	Individual Rate to be quoted by the contractor (Rs.)
		<p>b) Providing &amp; fixing of control panel with the specified features. Panel should have single phase preventer ,MCB, star delta starter ampere &amp; volt meter indicating lights auto start for two pumps and water level controller etc.</p> <p>c) Non Return Valve 3" (Gun metal)</p> <p>d) Suction (2-1/2") ,Delivery &amp; Header Pipe (2") GI, and other fittings.</p> <p>e) 2" size Pressure relief valve</p> <p>f) 2" Filtration unit with fitting suitable for 30 m3/hr flow <b>(AMAID/AZUD MAKE)</b></p>	<p>01 no.</p> <p>01 no.</p> <p>01no.</p> <p>01 no.</p> <p>01 no.</p>	<p>Each</p> <p>Each</p> <p>Each</p> <p>Each</p> <p>Each</p>	
8.	N.S.	<p>Providing &amp; fixing of 16 station Irrigation controller suitable for operation on 220 Volts 50 Hz AC supply, 9 volt battery backup having capable to extend up to 24 station, up to 4 Master valve or pump start connections, Run time in minutes or seconds, 16 total start times, 365 days calendar , large easy to read display, colour coded 15 position dial for easy programming, self diagnostic circuit breaker for identifying and overriding an electrical malfunction of valves, station run times increments in seconds also, season adjust setting from 0 to 200% in 10% increments, rain delay setting from 1</p>			



Sr. No.	H.S.R. Ref. No./N.S.	Description	Qty.	Unit	Individual Rate to be quoted by the contractor (Rs.)
		to 14 days ,Operate up to three programs simultaneously, Programmable master valve On/ Off per program. Non volatile memory for retaining program data through power failures of any duration, Plastic locking cabinet with heavy duty internal transformer 24 volt AC , 0.5Amps output per station, 24 V AC, 1.20 Amps. Output including Master Valve complete to the entire satisfaction of Engineer-in-Charge. <b>(TORO/IRRITROL/WHEATHERMATIC MAKE)</b> TORO (U.S.A.) make 16 station Irrigation Controller	01 no.	Each	
9.	N.S.	Providing & fixing of 2" Size BSP threaded, 24 volt 50 HZ AC Plastic solenoid valve having max. working pressure of 220 PSI, Globe/angle construction, precise pressure control option with compact EZ Reg dial design, tough 33% glass filled Nylon (GFN) and stainless steel construction external manual bleed for system flushing, manual flow control: adjustable to zero flow, self aligning bonnet, easily serviceable without system removal, proven encapsulated, injection moulded solenoid Inrush : 0.30 Amps, 9.6 VA Holding : 0.20 Amps, 4.8 VA complete to the entire satisfaction of Engineer-in-Charge. <b>(TORO/IRRITROL/WHEATHERMATIC MAKE)</b>	14 nos.	Each	
10.	N.S.	a) Providing and fixing of direct burial single core wire with solid copper conductor for automation complete to the entire satisfaction of Engineer-in-Charge. <b>(PAIGE/MACROTHERM MAKE)</b>			

Sr. No.	H.S.R. Ref. No./N.S.	Description	Qty.	Unit	Individual Rate to be quoted by the contractor (Rs.)
		i) ACTIVE WIRE # 14 AWG size White  ii) COMMON WIRE # 16 AWG size Red  b) DBY, DBR splice kit ( <b>3M/TORO MAKE</b> )	2,000 ft.  8,500 ft.  28 nos.	Per ft.  Per ft.  Each	

## DETAILED NOTICE INVITING TENDER

**Name of the work “Construction of Under-ground Water Tank having 200KL capacity in Cricket Ground in MDU, Rohtak”**

**App. Amt. Rs. 13,88,000/-**

**Earnest Money Rs. 13,880/- / Rs. 27,760/-**

**Time Limit: 03 months**

Sr. No.	H.S.R. Ref. No.	Description	Qty.	Unit	Individual Rate to be quoted by the contractor (Rs.)
1.	6.27	Cleaning grass and removal of the rubbish upto distance of 50 m outside the periphery of the area cleared	140 sqm	Per 100 sqm	
2.	10.39 + Note - (V) (e) (2)	Cement concrete 1:4:8 with stone aggregate 40 mm nominal size in foundation and plinth. Note:- The depth of foundation shall be deemed upto 1.5 metres below ground level. If the depth of the foundation, where no basement is to be provided, is more than 1.5 metres, add Rs. 2.55 per cum in rates of items of foundation concrete, i.e. item Nos. 10.1, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8, 10.14 to 10.19, 10.26 to 10.43, 10.63 to 10.69, 10.79, 10.97 to 10.104 and add Rs. 6.00 per cum, for item Nos. 10.90 for every additional depth of 4 metres or part thereof.	12 cum	Per cum	
3.	10.66	Design mix cement concrete of grade M-25 with minimum cement contents 410 Kg/cum in foundation and plinth.	34 cum	Per cum	
4.	10.87 + 10.95 (a)	Cement concrete 1:1½:3 instead of cement concrete 1:2:4 with stone aggregate 20mm nominal size for reinforced concrete work for walls (10 cm to 20 cm thickness) straight and curved excluding steel reinforcement but including centering and shuttering, laid in position, complete in all respects.	24 cum	Per cum	
5.	10.82 + 10.95 (a)	Cement concrete 1:1½:3 instead of cement concrete 1:2:4 with stone aggregate 20mm nominal size for reinforced concrete work in slabs with inclination not exceeding 25 degree with horizontal, excluding steel	19 cum	Per cum	

Sr. No.	H.S.R. Ref. No.	Description	Qty.	Unit	Individual Rate to be quoted by the contractor (Rs.)
		reinforcement, but including centering and shuttering, laid in position, complete in all respects.			
6.	9.13	Shuttering for faces of concrete foundations and foundation beams (vertical or battering)	25 sqm	Per sqm	
7.	18.22	Cold twisted deformed (ribbed/tor steel) bars for RCC works where not included in the complete rate or RCC including bending binding and placing in position complete	122 qtl.	Per qtl.	
8.	15.52	Plastering on under side of Ceiling: 10 mm thick cement plaster 1:4	70 sqm	Per sqm	
9.	29.28	Providing and fixing steel bar embedded plastic steps of size 263 mm x 165 mm of orange colour, conforming to specifications, in pump chambers, manholes etc., having minimum 3 m thick Polypropylene polymer conforming to IS: 10910 encapsulated on 12 mm dia ribbed steel bars as per IS : 1786.  The rate include cost of setting the same to correct lines and levels duly embedded in cement concrete including carriage, loading, unloading, stacking, handling, re-handling etc. complete in all respect to the satisfaction of Engineer-in-Charge.	08 nos.	Each	
10.	N.S.	Earth work excavation in all type of soil including Dressing & disposal of surplus soil within University Campus complete to the entire satisfaction of Engineer-in-Charge.	300 cum	Per 100 cum	
11.	N.S.	12 mm thick cement plaster 1:4 (1 cement : 4 coarse sand) on floor and walls, admixed with integral water proofing compound CICO super or equivalent make confirming to IS:2645 complete to the entire satisfaction	335 sqm	Per sqm	

Sr. No.	H.S.R. Ref. No.	Description	Qty.	Unit	Individual Rate to be quoted by the contractor (Rs.)
		of Engineer-in-Charge.			
12.	N.S.	Providing and laying water proofing treatment by chemical injection grout process as per specifications comprising of providing and fixing 12 mm N.B.M.S. threaded Nozzles of 75mm length by drilling or making holes with suitable tools upto required depth in an approximate grid pattern at a spacing not exceeding 1.00 M c/c on the entire raft, walls all along the construction joints & critical points and sealing them with CICO No. 3 or equivalent, quick setting compound admixed with cement followed by injection of CICO NSPGC (Non-Shrink Polymeric Water proof Grouting Compound) or equivalent admixed with Cement Slurry through the Nozzles under pressure by pump. The grout should flow through all pores and voids thereby sealing them. Sealing off the Nozzles after the injection operation is over with CICO No. 3 or equivalent admixed with cement.	130 sqm	Per sqm	
13.	N.S.	Providing and laying waterproofing treatment on the reasonably smooth surface with one coat of Tapecrete P-151 or equivalent slurry, Tapecrete or equivalent polymer admixed with cement in the proportion 1:2 (Tapecrete or equivalent: Cement by weight) followed by one coat of Tapecrete or equivalent Brushtopping, Tapecrete or equivalent polymer admixed with cement & silica sand in the proportion 1:2:2 (Tapecrete or equivalent: Cement: Silica Sand by weight).	330 sqm	Per sqm	
14.	N.S.	Providing and fixing manhole cover extra heavy duty MHCF quality circular, frame size 875 mm x 175 mm	02 nos.	Each	

Sr. No.	H.S.R. Ref. No.	Description	Qty.	Unit	Individual Rate to be quoted by the contractor (Rs.)
		and cover size 720 mm x 100 mm complete to the entire satisfaction of Engineer-in-Charge.			
15.	N.S.	Dewatering sub soil water if required as per site condition by setting submersible pumps complete to the entire satisfaction of Engineer-in-Charge.	95 sqm	Per sqm	

**Note:- Design mix M-25 grade may be taken from approved nearby RMC plant.**

## DETAILED NOTICE INVITING TENDER

**Name of the work “White washing, distempering and painting in Girls Hostel no. 3 (Saraswati) in MDU, Rohtak”**

**App. Amt. Rs. 8,39,000/-**

**Earnest Money Rs. 8,390/- / Rs. 16,780/-**

**Time Limit: 1½ months**

Sr. No.	HSR Ref. No./N.S.	Description	Qty.	Unit	Individual Rate to be quoted by the contractor (Rs.)
1.	8.32 (a)	Scraping: (a) white wash and colour wash	13873.22 sqm	Per sqm	
2.	16.52	Preparation of plastered surfaces for oil bound distemper including sand paering the surface, applying one coat of linseed oil, and filling with approved quality filler, consisting of white lead, linseed oil, varnish and chalk mitti including finishing the surface to the required finish complete.	9984.33 sqm	Per sqm	
3.	16.57	Distempering with washable oil bound distemper (of approved manufacture) two coats excluding priming coat on new work.	12580.33 sqm	Per sqm	
4.	16.48	White washing one coat	2598.00 sqm	Per sqm	
5.	16.2	Applying pink primer or aluminum priming coat on wood work including preparation of surface, knotting and stopping etc.	4274.46 sqm	Per sqm	
6.	16.3	Painting two coats excluding priming coat with synthetic enamel paint in all shades on new wood work or metallic or plastered or concrete surfaces to give an even shade.	4274.46 sqm	Per sqm	