



# MAHARSHI DAYANAND UNIVERSITY ROHTAK

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

NAAC accredited 'A' Grade

## 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 / 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. In lac)	Earnest Money (Rs.)		Cost of tender form (Rs.)	Date of opening of tender	Time limit
			Society	Contractor			
1.	Construction of room and toilet in Type-IA Houses (for 100 units) in MDU, Rohtak (including E.I and PHA)	143.00	1,43,000/-	2,86,000/-	15,000/-	03 .07.2014	15 months
2.	Construction of toilet in Type-I Houses (for 128 units) in MDU, Rohtak(including E.I and PHA)	67.00	67,000/-	1,34,000/-	5,000/-	03.07.2014	08 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 tender

All the above certificates in paras 3(a) to 3(d) above will be self attested with stamp.

4. 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.
5. Validity of tender will be 90 days.
6. 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.
7. 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.
8. The rates should be quoted in words as well as in figures otherwise the tender will liable to be rejected.
9. Conditional tender is liable to be rejected.
10. Any work, here tendered, may be withdrawn from further processing at any stage at the discretion of the competent authority without assigning any reason.
11. 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.
12. Nothing extra whatsoever shall be paid on account of losses, damages done by rains or any other natural calamity.
13. The tender is liable to be rejected if the tender is found in variance of the above conditions or the conditions of the DNIT.
14. The University reserves the right to accept or reject or negotiate any of the tender or conditions/items without assigning any reason.
15. Plumbing and E.I. work shall be got done through license holder agencies for the works involving PH / E.I.
16. The agencies shall paste the cello tape on the rates quoted by them.
17. Tender by post / telegraphic/courier shall out rightly be rejected.
18. Exemption of tender fee or earnest money or security will not be permitted in any case.

**Executive Engineer**

Endst. No. EE/ 2014 / 2790-2820

Dated: 05.06.2014

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**

**DNIT for the work : Construction of room and toilet in Type-IA houses (For 100 units) in MDU, Rohtak (including PH & E.I.)**

**App. Amt. Rs. 143.00 lac  
Earnest Money Rs. 1,43,000/- / Rs. 2,43,000/-  
Time Limit: 15 months**

	<b>HSR Ref. No</b>	<b>Description of item</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate with C.P. as per HSR</b>	<b>Rate to be quoted by the Contractor for each item</b>
1	6.6	Earth work in excavation in foundations, trenches, etc in all kinds of soils, not exceeding 2 mtr depth including dressing of bottom and sides of trenches, stacking the excavated soil, clear from the edge of excavation and subsequent filling around masonry, in 15 cm layers with compaction, including disposal of all surplus soil, as directed within a lead of 30 mtr	188.75	Per % Cum	5817.53	
2	6.13 (a)	Earth filling under floors with surplus ordinary soil or soil containing gravel or kankar upto 40% excavated from foundation and taken only from outside the building plinth in 15cm layers including ramming, watering and consolidating lead upto 30 mtrs	209.25	Per % Cum	1613.98	
3	10.34	Cement concret 1:5:10 with stone ballast 40mm nominal size in foundation and plinth	54.00	Per Cum	1947.28	
4	11.4	First Class brick work laid in cement sand mortar 1:4 in foundation and	74.25	Per Cum	2972.20	
5	10.114	Damp proof course 40mm thick of cement concrete 1:2:4 using stone aggregate 20mm nominal size with 2 coats of bitumen 20/30 penetration at 1.65 kg per sqm laid hot and sanded.	17.25	Per Sqm	192.78	
6 a)	11.8	First Class brick work laid in cement sand mortar 1:5 in first storey upto 4 metres above plinth level in super structure.	772.50	Per Cum	3000.20	
b)	HSR Notes	Extra for upper floors.(230mm thick walls)	772.50	Per Cum	125.16	
7	11.46	11.43 cm thick brick wall with every fourth course, reinforced with hoop-iron laid in 1:4 cement sand mortar in super structure .	576.00	Per Sqm	439.95	

	HSR Ref. No	Description of item	Qty	Unit	Rate with C.P. as per HSR	Rate to be quoted by the Contractor for each item
8	10.82 + Notes + 10.95 (A)	Cement concret 1 : 2 : 4 with stone aggregate 20mm nominal size for reinforced concrete work in slabs with inclusion not exceeding 25 degree with horizontal, excluding steel reinforcecemet but including centerig and shuttering, laid in position. complete in all respects.	275.00	Per Cum	5966.40	
9.	10.86+ Notes +10.95 (A)	Cemnet conrte 1 : 2 : 4 with stone aggregate, 20mm nominal size for reinforced concrete work for walls exceeding 20cm thickness (straight and curved) beams, griders, stairs, columns,(square or rectangular) battens and lintels etc. excluding steel reinfoemnet but including centering and shutteriing, laid in position, complete in all respects.	16.50	Per Cum	6538.12	
10	18.22	Cold twisted deformed (ribbed/tor steel) bars for RCC works, where not included in the complete rate of RCC including bending, binding and placing in position complete.	437.50	Per Qtl.	5502.30	
11	14.1	Base course of floors consisting of 100 mm thick cement concrete 1:8:16 and 100 mm sand or stone filling.	1301.00	Per Sqm	184.75	
12	14.4	Screed of 50 mm thick cement concrete 1:8:16 to be laid below the topping.	660.50	Per Sqm	76.75	
13	14.44	Precast terrazzo tiles of 20mm minimum thickness in cement as specified below with marble chips of size and colour as required laid on 20mm thick bed of cement coarse sand mortar 1 : 3 with neat cemnet slurry, between joints and over the base in flooring, treads of steps and landing including rubbing and polishing.				
	a)	In Ordinary grey cemnet	1061.50	Per Sqm	518.80	
14	14.91	Providing and fixing ceramic tiles anti skid tiles of size 400 mm x 400 mm or above size of approved make in floors, laid in any pattern as specified over base of 20 mm thick cement.	314.75	Per Sqm	530.40	

	HSR Ref. No	Description of item	Qty	Unit	Rate with C.P. as per HSR	Rate to be quoted by the Contractor for each item
15	14.92	Providing and fixing 1st quality ceramic glazed wall tiles confirming to IS 15622 (thickness to be specified by the manufacturer) of approved make in all colors, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12mm thick bed of cement mortar 12:3 coarse and jointed with grey cement slurry, including pointing in white cement mixed with pigment of matching shades complete.				
	(a)	Size of ceramic Glazed tiles 200 x 300 mm	230.25	Per Sqm	501.75	
16	15.51	10mm thick cement plaster 1:3 on vertical surfaces of all RCC work	1961.50	Per Sqm	87.30	
17	15.6	12mm Thick Cement Plaster 1:5 on walls	2567.50	Per Sqm	69.60	
18	15.11	15 mm thick cement plaster 1:5 on the rough side of single or half brick wall (including external plaster area)	3677.75	Per Sqm	85.50	
19	16.48	White Washing 3 coats	4529.00	Per Sqm	4.13	
20	16.61	Finishing walls with exterior decorative cement based paints such as snowcem, Robbiacem etc. on new work, two coats to give an even shade.	3592.00	Per Sqm	23.93	
21	13.13	Terracing consisting of tiles 22.86 cum x 11.43 cm x 3.81 cm laid over 87.50 mm mud filling on a layer of 25 mm mud plaster and an other layer of mud mortar for laying the tiles, including two coats of bitumen laid hot at 1.65 kg per sqm on top of RCC slab including grouting with cement sand mortar 1:3 and top surface to be left clean etc.	1733.75	Per Sqm	370.65	
22	15.71	Cement pointing 1:2 flush on flat brick flooring.	1733.75	Per sqm.	35.40	
23	13.64	Cement concrete 1:2:4 gola 10cm x 10cm quadrant along junction of roof with parapet wall finished smooth, where specially specified.	1196.75	Per mtr.	18.19	
24	13.43	Providing and embedding 100mm dia HCI rain water without ears ISI mark pipe in cement mortar during masonry work.	320.00	Per mtr.	560.10	
25	13.50	Top khurra 0.6m x 0.6m for rain water pipe in 25mm thick cement concrete 1:2:4 over 50mm thick cement concrete 1:8:16.	100.00	Each	41.82	

	HSR Ref. No	Description of item	Qty	Unit	Rate with C.P. as per HSR	Rate to be quoted by the Contractor for each item
26	13.47 + 13.48	Providing and fixing cast iron Head & Shoe for rain water pipe on wooden plugs fixed on wall face including filling the joints with spun yarn and cement mortar 1:2	100.00	Each	405.60	
27	18.34	Pressed steel sheet frames ( Chowkats) consisting of 2 mm thick steel sheet of the specified section, including iron lugs (hold fasts), iron hinges, conforming to P.W.D . Specifications, including bolts for fixing stops,, locknotch, provision for receiving tower bolts, and finished with one coat of ready-mixed paint red lead non-setting primer, of approved quality, fixed in position including the coat of cement concrete 1 : 3 : 6, for filling in the frame, and cement concrete 1 : 3 : 6 for lugs complete:-				
	a)	door and window frame of size 89 mm x 50mm with 40 mm wide single rebate.	1285.00	Per mtr.	429.30	
	d)	door and window frame of size 114 mm x 50mm with 35 mm wide double rebate.	390.00	Per mtr.	418.50	
28	17.93	Factory manufactured solid flush door shutters, with block board core as per IS: No. 1659-1969 bonded with water proof type phenol formaldehyde synthetic resin, hot-pressed, conforming to IS: 2202 part-I and II, fixed in position, including iron hinges, screws, chocks/cleats and stops, etc. (excluding the cost of any fittings other specified above, but including labour for fixing the same in position.	360.00	Per Sqm	1253.45	
29	17.31	Wire gauze commercial hard wood such as hollock, champ, chikrassy etc. (non-coniferous timber other than teak conforming to I.S. specification No. 1003 kiln seasoned) door and window shutter without springs housed in chowkats including choks, iron hings and screws etc. , complete fixed in position(excluding the cost of tower bolts and handles but including the labour for fixing the same )-				
	(i)	30mm thick	81.00	Per Sqm	627.60	

	<b>HSR Ref. No</b>	<b>Description of item</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate with C.P. as per HSR</b>	<b>Rate to be quoted by the Contractor for each item</b>
30	17.90 A (-) note 17.18	Factory, manufactured panelled door or glazed window, shutters of commercial hard wood, such as hollock, champ, chkrassy and chaplash, etc. (non coniferous timber other than teak, conforming to I.S specification No. 103, kiln-sea-sand) with 100 mm wide vertical styles, 150 mm wide lock	126.00	Per Sqm	1592.60	
31	16.2	Applying pink primer or aluminium priming coat on wood work including preparation of surface, knotting and stopping	1062.00	Per Sqm	12.38	
32	16.3	Painting two coats excluding priming coat with synthetic enamel paint in all shades on new wood work or metallic or plastered of concrete surfaces to give an even shade	126.00	Per Sqm	31.02	
33	16.17	Painting two coats excluding priming coat with ready-mixed paint for metallic surfaces in all shades on new steel or iron work.	117.25	Per Sqm	19.97	
34	18.12	Wrought iron and mild steel (using angles, flats, square bars, tees and channels) ladders, grills, grating frames, window guards, iron doors openable or fixed staircase or parapet or any other type of railing, gates and tree guards etc., including cost of screws and welding rods or bolts and nuts complete fixed in position.	12.50	Per Qtl.	6242.10	
35	16.10	Applying priming coat on steel work consisting of genuine red lead mixed with linseed oil and turpentine oil in equal proportions.	126.00	Per Sqm	12.54	



<b>DNIT for the work : Construction of room and toilet in Type-IA houses (For 100 units) in MDU, Rohtak (E.I.)</b>						
<b>Sr. No.</b>	<b>HSR Ref. No</b>	<b>Description of item</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate with C.P. as per HSR</b>	<b>Rate to be quoted by the Contractor for each item</b>
1	31.12	<b>Sheet Steel Enclosures</b>				
		Supply and erection of sheet steel enclosures distribution suitable for MCBs etc. on wall/existing board/pedestal with rag bolts including bonding to earth :-				
	(ii)	Distribution board 2 Way (SPN)	100.00	Each	124.80	
	(vi)	Distribution board 8 way (SPN)	100.00	Each	468.80	
2	31.13	Supply and erection of M.S. angle iron frame duly welded for housing M.S. Sheet & main switches etc. on it., fixed on wall by means of suitable size of rag bolts with cement concrete, duly painted with three coats of approved paint including one coat of red oxide.				
	(ii)	Size 40mm x 40mm x6 mm	50.00	Per mtr.	162.75	
3	31.14	Supply and erection of 3mm thick M.S. sheet duly welded on M.S. Angle iron frame for fixing the main switches required duly panted with three coats of approved paint included one coat of red oxide.	25.00	Per sqm	1179.50	
4	31.17	Supply and erection of miniature circuit breaker isolate 240/415 V in the D.B including making necessary connections.				
	(a)	Miniature Circuit Breakers of 9 K.A. breaking capacity				
	(ii)	Single Pole MCB 6 AMP to 32 Amp	500.00	Each	123.50	
	(ii)	Single Pole with Neutral MCB 6 AMP to 32 Amp	100.00	Each	256.10	
	(iii)	Single Pole with Neutral MCB 40 AMP to 63 Amp	100.00	Each	312.00	
5		(M) Supply and erection of Fittings and Accessories				
	31.18 (xi)	Bakelite Angle/straight button holder large size	300	Each	18.6	
6	31.21	Supply and erections of pipe for wiring purpose including bends inspection boxes etc. where necessary and painting as				
	(xxi)	Heavy gauge welded conduit pipe 20 mm dia 1.60 mm thickness flushed	300.00	Per mtr.	73.35	
	(xxii)	Heavy gauge welded conduit pipe 25 mm dia 1.60 mm thickness flushed	100.00	Per mtr.	88.20	

Sr. No.	HSR Ref. No	Description of item	Qty	Unit	Rate with C.P. as per HSR	Rate to be quoted by the Contractor for each item
7	31.22	Earthing with GI earth pipe 4.5 m long and 40 mm dia with masonry enclosures on the top etc. as required	100.00	Each	1701.00	
	(i)	Extra for using salt and charcoal/coke for pipe earth electrode as required	100.00	Each	562.50	
	(xiii)	Providing and laying earth connections from earth electrode with 4.00 mm dia copper wire in 15 mm dia G.I. pipe from earth electrode as required	350.00	Per mtr.	152.10	
	(xvii)	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required	50.00	Per mtr.	60.75	
8	31.36	Wiring in 1.5 Sq mm PVC insulated aluminium conductor cable in 1.6 mm thick conduit pipe				
	(i)	Fan point				
		b) Medium pont	100.00	Each	576.40	
	(ii)	Light point				
		a) short point	100.00	Each	276.10	
		b) Medium point	100.00	Each	476.30	
	(iii)	Twin control point				
		b)Medium Point	200.00	Each	534.60	
	(vii)	3 pin 5amp. Plug point including earthing the 3rd pin etc.				
		a) short point	300.00	Each	311.30	
		c) Long point	100.00	Each	739.20	
	(viii)	3 pin 15amp. Plug point including earthing the 3rd pin etc.				
		c) Long point	200.00	Each	1067.00	
9	31.40	Wiring mains+ sub mains in two single core PVC shearters cable complete				
	(i)	1.5 Sq mm	1000.00	Per mtr.	11.22	
	(ii)	2.50 Sq mm	1200.00	Per mtr.	17.93	
	(iii)	4.0 Sq mm	200.00	Per mtr.	26.95	
	(iv)	6.0 Sq mm	100.00	Per mtr.	38.50	
10	31.45	Suppy and erection of suitable compression type brass cable grands complete.				
	(i)	1.5 Sq mm to 2.5 Sq mm	1100.00	Each	5.28	
	(ii)	4.0 Sq mm to 6.0 Sq mm	900.00	Each	6.60	
	(iii)	10.0 Sq mm	200.00	Each	9.02	
11	31.48	Supply and erection of M.S. sadel	1000.00	Each	5.50	
12	31.55	Supply and erection of M.S. regulater	100.00	Each	195.00	

<b>Sr. No.</b>	<b>HSR Ref. No</b>	<b>Description of item</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate with C.P. as per HSR</b>	<b>Rate to be quoted by the Contractor for each item</b>
13	31.26	Supply and erection of 10 Sq mm 2 core Armound cable	2000.00	Per mtr.	66.72	
14	31.28	Supply and erection of suitable compression type brass Cable glands for underground Cable				
	(ii)	10 Sqmm to 16 Sqmm Cable 2 to 4 Core	200.00	Each	22.08	

**DNIT for the work : Construction of room and toilet in Type-IA houses (For 100 units) in MDU, Rohtak (PH)**

Sr. No.	HSR Ref. No	Description of item	Qty	Unit	Rate with C.P. as per HSR	Rate to be quoted by the Contractor for each item
1	30.84	Providing and fixing in position HCI soil waste vent or antisiphonage pipes to ISI specification of E.L.C. manufacture or of any other reputed firm including cutting and wastage etc. and cutting holes in walls, roofs or floor etc. and making good to its original condition but excluding cost of lead jointing.				
	a)	100mm internal diameter	320.00	Per mtr.	438.75	
	b)	75mm internal diameter	400.00	Per mtr.	373.50	
2	30.87	Providing lead caulked joints to HCI pipes and specials conforming to ISI specification of E.L.C. manufacture or any other reputed firm including cost of lead yarn, fuel and tools etc.				
	a)	100mm internal diameter (1.13kg)	375.00	Each	134.00	
	b)	75mm internal diameter (0.91 kg)	300.00	Each	110.00	
3	30.88	Providing and fixing in position M.S. or heavy flat iron clamps made out of M.S. flat not less than 5mm of the approved design for fixing C.I. Soil waste vent or anti pipes to walls complete in all respects including cutting and making good the walls and floors etc. and painting.				
	a)	For 100mm internal diameter pipes.	100.00	Each	56.25	
	b)	For 75mm internal diameter pipes.	100.00	Each	49.50	
4	30.89	Providing and fixing HCI floor trap ISI marked of the self cleaning design with CP brass hinged grating with frame with or without vent arm and including cement concrete 1:2:4 under and around the floor trap where required upto floor level complete in all respects including cutting and making good the walls and floors etc. minimum depth of water should be 150 mm with a minimum seal of 50mm.				
	b)	with 75mm i/d out let	100.00	Each	472.50	
5	30.91	Providing and fixing in position HCI specials for soil, waste, vent or anti				
	(a)	syphonage pipes to ISI marked including cutting and wastage etc. cutting holes in walls roofs or floors etc. and making good to its original condition but excluding cost of lead jointing.				
	a)	For 100mm I/D pipes				
	l)	Heal rest bend.	100.00	Each	261.00	
	iv)	Single junction with door 100mm x 100mm x 100mm	50.00	Each	389.25	
	b)	For 75mm I/D pipes.				
	iv)	Single junction with door 75mmx75mm x75mm	50.00	Each	265.50	

Sr. No.	HSR Ref. No	Description of item	Qty	Unit	Rate with C.P. as per HSR	Rate to be quoted by the Contractor for each item
6	30.41	Providing and fixing in position best in-dain make (ordinary) lavatory suites consisting of Lavatory in Vitreous Chinaware size as given below (to the approval of the Engineer-in-charge) including china plug for tap hole where necessary.	100.00	Each	1790.80	
7	30.71 (a) (ii)	Providing and fixing in position best Indian make bevelled edge 5.5mm thick mirror mounted on asbestos sheet ground fixed in position by means of 4 nos chromium plated brass screws & washers over rubber washers and rawl plug embedded in the wall or chromium plated brass clamps with C.P. brass screws (as required by the Engineer-in-charge) complete including cutting and making good the walls etc.				
	a)	Indian make				
	ii)	600 mm x 450 mm	100.00	Each	470.80	
8	NS	Providing and fixing in position high quality ISI marked Indian make white vitreous chinaware European water closet suite P or S-trap including one no. superior quality white solid plastic seat and lid (seat cover) <b>8 Litre capacity PVC low level cistren</b> , 40 mm size, CP brass flush bend and coupling of approved municipal design including cutting and making good the walls and floors with cement concrete 1:2:4 wherever required complete	100.00	Each		
9	NS	Providing and fixing CP brass spray jet for EWC including CP brass hexa nipple etc.	100.00	Each		
10	NS	Providing and fixing GI pipe complete with GI fittings and clamps including cutting and making good the walls etc.				
	iv)	20 mm dia nominal bore	750.00	Per mtr.		

Sr. No.	HSR Ref. No	Description of item	Qty	Unit	Rate with C.P. as per HSR	Rate to be quoted by the Contractor for each item
	v)	15 mm dia nominal bore	625.00	Per mtr.		
11	NS	Providing and fixing in position 15 mm internal diameter CP brass bib cocks of high quality and conforming to IS specifications with CP brass cap complete in all respect.				
	i)	15 mm nominal bore short body	100.00	Each		
	ii)	15 mm nominal bore long body	200.00	Each		

**DNIT for the Work: Construction of toilet Type-I houses (for 128 units) in MDU, Rohtak (including E.I. & PH)**

**App. Amt. Rs. 67,00,000/-  
Earnest Money Rs. 67,000/- / Rs. 1,34,000/-  
Time Limit: 08 months**

S.No	HSR Ref. No	Description of Items	Qty.	Unit	Rate with C.P. as per HSR	Rate to be quoted by the Contractor for each item
1	6.6	Earth work in excavation in foundations, trenches, etc in all kinds of soils, not exceeding 2 mtr depth including dressing of bottom and sides of trenches, stacking the excavated soil, clear from the edge of excavation and subsequent filling around masonry, in 15 cm layers with compaction, including disposal of all surplus soil, as directed within a lead of 30	91.20	Per % Cum	5817.53	
2	6.13 (a)	Earth filling under floors with surplus ordinary soil or soil containing gravel or kankar upto 40% excavated from foundation and taken only from outside the building plinth in 15cm layers including ramming, watering and consolidating lead upto 30 mtrs	64.00	Per % Cum	1613.98	
3	10.34	Cement concret 1:5:10 with stone ballast 40mm nominal size in foundation and plinth	17.12	Per Cum	1947.28	
4	11.4	First Class brick work laid in cement sand mortar 1:4 in foundation and Plinth	51.20	Per Cum	2972.20	
5	10.11	Damp proof course 40mm thick of cement concrete 1:2:4 using stone aggregate 20mm nominal size with 2 coats of bitumen 20/30 penetration at 1.65 kg per sqm laid hot and sanded.	21.12	Per Sqm	192.78	
6 a)	11.8	First Class brick work laid in cement sand mortar 1:5 in first storey upto 4 metres above plinth level in super structure.	288.00	Per Cum	3000.20	
b)	HSR Notes	Extra for upper floors.(230mm thick walls)	288.00	Per Cum	125.16	

S.No	HSR Ref. No	Description of Items	Qty.	Unit	Rate with C.P. as per HSR	Rate to be quoted by the Contractor for each item
7	11.46	11.43 cm thick brick wall with every fourth course, reinforced with hoop-iron laid in 1:4 cement sand mortar in super structure.	608.00	Per Sqm	439.95	
8	10.82 + Notes + 10.95 (A)	Cement concret 1: 2 : 4 with stone aggregate 20mm nominal size for reinforced concrete work in slabs with inclusion not exceeding 25 degree with horizontal, excluding steel reinforcement but including centerig and shuttering, laid in position, complete in all respects.	69.44	Per Cum	5966.40	
9	18.22	Cold twisted deformed (ribbed/tor steel) bars for RCC works, where not included in the complete rate of RCC including bending, binding and placing in position complete.	104.16	Per Qtl.	5502.30	
10	14.1	Base course of floors consisting of 100 mm thick cement concrete 1:8:16 and 100 mm sand or stone filling.	201.60	Per Sqm	184.75	
11	14.4	Screed of 50 mm thick cement concrete 1:8:16 to be laid below the topping.	240.96	Per Sqm	76.75	
12	14.91	Providing and fixing ceramic tiles anti skid tiles of size 400 mm x 400 mm or above size of approved make in floors, laid in any pattern as specified over base of 20 mm thick cement.	442.24	Per Sqm	530.40	
13	14.92	Providing and fixing 1st quality ceramic glazed wall tiles confirming to IS 15622 (thickness to be specified by the manufacturer) of approved make in all colors, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12mm thick bed of cement mortar 12:3 coarse and jointed with grey cement slurry, including pointing in white cement mixed with pigment of matching shades complete.				
	(a)	Size of ceramic Glazed tiles 200 x 300 mm	608.00	Per Sqm	501.75	



S.No	HSR Ref. No	Description of Items	Qty.	Unit	Rate with C.P. as per HSR	Rate to be quoted by the Contractor for each item
14	15.51	10mm thick cement plaster 1:3 on vertical surfaces of all RCC work	864.00	Per Sqm	87.30	
15	15.6	12mm Thick Cement Plaster 1:5 on walls	704.00	Per Sqm	69.60	
16	15.11	15 mm thick cement plaster 1:5 on the rough side of single or half brick wall (including external plaster area)	1,472.00	Per Sqm	85.50	
17	16.48	White Washing 3 coats	1,134.72	Per Sqm	4.13	
18	16.61	Finishing walls with exterior decorative cement based paints such as snowcem, Robbiacem etc. on new work, two coats to give an even shade.	1,472.00	Per Sqm	23.93	
19	13.13	Terracing consisting of tiles 22.86 cum x 11.43 cm x 3.81 cm laid over 87.50 mm mud filling on a layer of 25 mm mud plaster and an other layer of mud mortar for laying the tiles, including two coats of bitumen laid hot at 1.65 kg per sqm on top of RCC slab including grouting with cement sand mortar 1:3 and top surface to be left clean etc.	864.00	Per Sqm	370.65	
20	15.71	Cement pointing 1:2 flush on flat brick flooring.	864.00	Per Sqm	35.40	
21	13.64	Cement concrete 1:2:4 gola 10cm x 10cm quadrant along junction of roof with parapet wall finished smooth, where specially specified.	960.00	Per mtr.	18.19	
22	18.34	Pressed steel sheet frames ( Chowkats) consisting of 2 mm thick steel sheet of the specified section, including iron lugs (hold fasts), iron hinges, conforming to P.W.D . Specifications, including bolts for fixing stops,, locknotch, provision for receiving tower bolts, and finished with one coat of ready-mixed paint red lead non-setting primer, of approved quality, fixed in position including the coat of cement concrete 1 : 3 : 6, for filling in the frame, and cement concrete 1 : 3 : 6 for lugs complete: -				

<b>S.No</b>	<b>HSR Ref. No</b>	<b>Description of Items</b>	<b>Qty.</b>	<b>Unit</b>	<b>Rate with C.P. as per HSR</b>	<b>Rate to be quoted by the Contractor for each item</b>
	a)	door and wondow frame of size 89 mm x 50mm with 40 mm wide single rebate.	929.60	Per mtr.	429.30	
23	17.93	Factory manufactured solid flush door shutters, with block board core as per IS: No. 1659-1969 bonded with water proof type phenol formaldehyde synthetic resin, hot-pressed, conforming to IS: 2202 part-I and II, fixed in position, including iron hinges, screws, chocks/cleats and stops, etc. (excluding the cost of any fittings other specified above, but including labour for fixing the same in position.	201.60	Per sqm	1253.45	
24	16.2	Applying pink primer or aluminium priming coat on wood work including preparation of surface, knotting and stopping etc.	448.00	Per Sqm	12.38	
25	16.3	Painting two coats excluding priming coat with synthetic enamel paint in all shades on new wood work or metallic or plastered of concrete surfaces to give an even shade	448.00	Per Sqm	31.02	
26	16.17	Painting two coats excluding priming coat with ready-mixed paint for metalic surfaces in all shades on new steel or iorn work	62.08	Per Sqm	19.96	

**DNIT for the Work: Construction of toilet Type-I houses (for 128 units) in MDU, Rohtak (E.I.)**

S.No	HSR Ref. No	Description of Items	Qty.	Unit	Rate with C.P. as per HSR	Rate to be quoted by the Contractor for each item
1	31.12 (d)	<b>Sheet Steel Enclosures</b>				
		Supply and erection of sheet steel enclosures distribution suitable for MCBs etc. on wall/existing board/pedestal with rag bolts including bonding to earth :-				
	(ii)	Distribution board 2 Way (SPN)	128.00	Each	124.80	
	(iv)	Distribution board 4 way (SPN)	128.00	Each	420.80	
2	31.13	Supply and erection of M.S. angle iron frame duly welded for housing M.S. Sheet & main switches etc. on it., fixed on wall by means of suitable size of rag bolts with cement concrete, duly painted with three coats of approved paint including one coat of red oxide.				
	(ii)	Size 40mm x 40mm x6 mm	64.00	Per mtr.	162.75	
3	31.14	Supply and erection of 3mm thick M.S. sheet duly welded on M.S. Angle iron frame for fixing the main switches required duly panted with three coats of approved paint included one coat of red oxide.	32.00	Per sqm	1179.50	
4	31.17	Supply and erection of miniature circuit breaker isolate 240/415 V in the D.B including making necessary connections.				
	(ii)	Single Pole MCB 6 AMP to 32 Amp	256.00	Each	123.50	
	(iii)	Single Pole with Neutral MCB 40 AMP to 63 Amp	256.00	Each	312.00	
5		(M) Supply and erection of Fittings and Accessories				
	31.18 (vi)	Bakelite Angle/straight button holder large size	256	Each	18.6	
6	31.21	Supply and erections of pipe for wiring purpose including bends inspection boxes etc. where necessary and painting as required				
	(xxi)	Heavy gauge welded conduit pipe 20 mm dia 1.60 mm thickness flushed	128.00	Per mtr.	73.35	

S.No	HSR Ref. No	Description of Items	Qty.	Unit	Rate with C.P. as per HSR	Rate to be quoted by the Contractor for each item
	(xxii)	Heavy gauge welded conduit pipe 25 mm dia 1.60 mm thickness flushed	64.00	Per mtr.	88.20	
7	31.22 (i)	Earthing with GI earth pipe 4.5 m long and 40 mm dia with masonry enclosures on the top etc. as required	128.00	Each	1701.00	
	(ii)	Extra for using salt and charcoal/coke for pipe earth electrode as required	128.00	Each	562.50	
	(xiii)	Providing and laying earth connections from earth electrode with 4.00 mm dia copper wire in 15 mm dia G.I. pipe from earth electrode as required	448.00	Per mtr.	152.10	
	(xvii)	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required	64.00	Per mtr.	60.75	
8	31.36	Wiring in 1.5 Sq mm PVC insulated aluminium conductor cable in 1.6 mm thick conduit pipe				
	(ii)	Light point				
		a) short point	256.00	Each	276.10	
		b) Medium point	128.00	Each	476.30	
	(vii)	3 pin 5amp. Plug point including earthing the 3rd pin etc.				
		c) Long point	128.00	Each	739.20	
	(viii)	3 pin 15amp. Plug point including earthing the 3rd pin etc.				
		a) short point	128.00	Each	443.30	
9	31.40	Wiring mains+ sub mains in two single core PVC shearters cable complete				
	(i)	1.5 Sq mm	640.00	Per mtr.	11.22	
	(ii)	2.50 Sq mm	768.00	Per mtr.	17.93	
	(iii)	4 sqm mm	100.00	Per mtr.	26.95	
10	31.45	Suppy and erection of suitable compression type brass cable grands complete.				
	(i)	1.5 Sq mm to 2.5 Sq mm	704.00	Each	5.28	
	(ii)	4.0 Sq mm to 6.0 Sq mm	576.00	Each	6.60	
11	31.48	Supply and erection of M.S. sadel		Each	5.50	

<b>S.No</b>	<b>HSR Ref. No</b>	<b>Description of Items</b>	<b>Qty.</b>	<b>Unit</b>	<b>Rate with C.P. as per HSR</b>	<b>Rate to be quoted by the Contractor for each item</b>
12	31.26	Supply and erection 10 Sq mm 2 core Armound cable	2104.00	Per mtr.	66.72	
13	31.28	Supply and erection of suitable compression type brass Cable glands for underground Cable				
	(ii)	10 Sqmm to 16 Sqmm Cable 2 to 4 Core	256.00	Each	22.08	

**DNIT for the Work: Construction of toilet Type-I houses (for 128 units) in MDU, Rohtak (PH)**

S.No	HSR Ref. No	Description of Items	Qty.	Unit	Rate with C.P. as per HSR	Rate to be quoted by the Contractor for each item
1	30.84	Providing and fixing in position HCI soil waste vent or antisiphonage pipes to ISI specification of E.L.C. manufacture or of any other reputed firm including cutting and wastage etc. and cutting holes in walls, roofs or floor etc. and making good to its original condition but excluding cost of lead jointing.				
	a)	100mm internal diameter	256	Per mtr.	438.75	
	b)	75mm internal diameter	256	Per mtr.	373.50	
2	30.87	Providing lead caulked joints to HCI pipes and specials conforming to ISI specification of E.L.C. manufacture or any other reputed firm including cost of lead yarn, fuel and tools etc.				
	a)	100mm internal diameter (1.13kg)	160	Each	134.00	
	b)	75mm internal diameter (0.91 kg)	128	Each	110.00	
3	30.88	Providing and fixing in position M.S. or heavy flat iron clamps made out of M.S. flat not less than 5mm of the approved design for fixing C.I. Soil waste vent or anti pipes to walls complete in all respects including cutting and making good the walls and floors etc. and painting.				
	a)	For 100mm internal diameter pipes.	64	Each	56.25	
	b)	For 75mm internal diameter pipes.	64	Each	49.50	
4	30.89	Providing and fixing HCI floor trap ISI marked of the self cleaning design with CP brass hinged grating with frame with or without vent arm and including cement concrete 1:2:4 under and around the floor trap where required upto floor level complete in all respects including cutting and making good the walls and floors etc. minimum depth of water should be 150 mm with a minimum seal of 50mm.				
	b)	with 75mm i/d out let	128	Each	472.50	

S.No	HSR Ref. No	Description of Items	Qty.	Unit	Rate with C.P. as per HSR	Rate to be quoted by the Contractor for each item
5	30.91 (a)	Providing and fixing in position HCI specials for soil, waste, vent or anti-syphonage pipes to ISI marked including cutting and wastage etc. cutting holes in walls roofs or floors etc. and making good to its original condition but excluding cost of lead jointing.				
	a)	For 100mm I/D pipes				
	I)	Heal rest bend.	64	Each	261.00	
	iv)	Single junction with door 100mm x 100mm x 100mm	64	Each	389.25	
	b)	For 75mm I/D pipes.				
	iv)	Single junction with door 75mmx75mm x75mm	64	Each	265.50	
6	NS	Providing and fixing in position high quality ISI marked Indian make white vitreous chinaware European water closet suite P or S - trap including one no. superior quality white solid plastic seat and lid ( seat cover ) <b>8 Litre capacity PVC low level cistren</b> , 40 mm size, CP brass flush bend and coupling of approved municipal design including cutting and making good the walls and floors with cement concrete 1:2:4 wherever required complete.	128	Each	5500.00	
7	30.41	Providing and fixing in position best in-dain make (ordinary) lavatory suites consisting of Lavatory in Vitreous Chinaware size as given below (to the approval of the Engineer-in-charge) including china plug for tap hole where necessary.	128	Each	1790.80	
8	30.71 (a) (ii)	Providing and fixing in position best Indian make bevelled edge 5.5mm thick mirror mounted on asbestos sheet ground fixed in position by means of 4 nos chromium plated brass screws & washers over rubber washers and rawl plug embedded in the wall or chromium plated brass clamps with C.P. brass screws (as required by the Engineer-in-charge) complete including cutting and making good the walls etc.				
	a)	Indian make				
	ii)	600 mm x 450 mm	128	Each	470.80	

<b>S.No</b>	<b>HSR Ref. No</b>	<b>Description of Items</b>	<b>Qty.</b>	<b>Unit</b>	<b>Rate with C.P. as per HSR</b>	<b>Rate to be quoted by the Contractor for each item</b>
9	NS	Providing and fixing CP brass spray jet for EWC including CP brass hexa nipple etc.	128	Each		
10	NS	Providing and fixing GI pipe complete with GI fittings and clamps including cutting and making good the walls etc.				
	iv)	20 mm dia nominal bore	384	Per mtr.		
	v)	15 mm dia nominal bore	288	Per mtr.		
11	NS	Providing and fixing in position 15 mm internal diameter CP brass bib cocks of high quality and conforming to IS specifications with CP brass cap complete in all respect.				
	i)	15 mm nominal bore short body	128	Each		
	ii)	15 mm nominal bore long body	128	Each		