

# MAHARSHI DAYANAND UNIVERSITY ROHTAK

## 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 last date of submission of tenders as mentioned against work by 12:00 Noon and will be received upto 2:00 P.M. in the office of the Registrar. Tenders will be opened at 3:00 P.M. on next working day in the Committee Room of Vice-Chancellor 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.)	Last date of submission of tender	Time limit
			Society	Contractor			
1.	Additions of Multi Purpose Hall in Tagore Auditorium Building (including E.I.)	85,00,000/-	85,000/-	1,70,000/-	5,000/-	08.04.2013	06 months
2.	Providing and fixing floor tiles in various labs and furnishing of Seminar Hall in the Department of Genetics in MDU, Rohtak	6,90,000/-	6,900/-	13,800/-	1,000/-	08.04.2013	03 months
3.	Renovation of various labs (lab no. 116, 203, 215, 219, 315,, 320) in the Department of Chemistry in MDU, Rohtak	5,60,000/-	5,600/-	11,200/-	1,000/-	08.04.2013	03 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 similar nature of works during last 5 years (financial year 2007-08 to 2012-13) 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 and stamped with the stamp of the firm.

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 or Deposit at Call in favour of the Executive Engineer, MDU, Rohtak payable at Rohtak.
7. Contractors shall quote single percentage of rate below/above on (HSR+C.P.) on all chapters. N.S. item rates are to be quoted separately. The tender, without the rates of N.S. items, if any, in DNIT, will be rejected.
8. Conditional tender is liable to be rejected.
9. Any work, here tendered, may be withdrawn from further processing at any stage at the discretion of the competent authority without assigning any reason.
10. 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.
11. Nothing extra whatsoever shall be paid on account of losses, damages done by rains or any other natural calamity.
12. The tender is liable to be rejected if the tender is found in variance of the above conditions or the conditions of the DNIT.
13. The University reserves the right to accept or reject or negotiate any of the tender or conditions/items without assigning any reason.
14. Plumbing and E.I. work shall be got done through license holder agencies for the works involving PH / E.I.
15. The agencies shall paste the cello tape on the rates quoted by them.
16. Tender by post / telegraphic/courier shall out rightly be rejected.
17. Exemption of tender fee or earnest money or security will not be permitted in any case.

Executive Engineer

Endst. No. EE/ 2013 / 1519-1554

Dated: 13.03.2013

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. Secretary to Vice-Chancellor (for kind information of the Vice-Chancellor),  
M. D. University, Rohtak
6. P.A. to Registrar (for kind information of Registrar), MDU, Rohtak
7. Dy. Registrar (Engg. Cell), MDU, Rohtak
8. SDE(C-I, II, III) / SDE (E-I) / SDE (PH) / SDE (Horti.-I, II), MDU, Rohtak
9. Divisional Accountant / H.D.M., Engineering Cell, MDU, Rohtak
10. Notice Board
11. Contractor/Agency/Society:\_\_\_\_\_

Executive Engineer

### DETAILED NOTICE INVITING TENDER

Name of work :- “Addition of Multi Purpose Hall in Tagore Auditorium Building (including E.I.) at Maharishi Dayanand University Rohtak, Haryana”

**App. Amount: Rs. 85,00,000/-**  
**Earnest Money: Rs. 85,000/- / 1,70,000/-**  
**Time Limit:**

Sr.No./HSR	Qty.	Description	Rate	Unit
1/8.5	15.00 cum	Dismantling Brick Work, Tile Masonry or Tile Lining and Tile Terracing. (b) In cement	@ Rs. 35.60 (Rs. thirty five and paisa sixty only)	Per cum
2/8.6	05 cum	Dismantling of lime concrete, cement concrete of 1:6:12 or leaner mix	@ Rs. 37.40 (Rs. thirty seven and paisa forty only)	Per cum
	05 cum	cement concrete plain 1:4:8 or 1:5:10	@ Rs. 51.35 (Rs. fifty one paisa thirty five only)	Per cum
	05 cum	cement concrete plain 1:3:6 mix	@ Rs. 71.85 (Rs. seventy one and paisa eighty five only)	Per cum
	05 cum	cement concrete plain 1:2:4 mix	@ Rs. 108.05 (Rs. one hundred eight and paisa five only)	Per cum
		reinforced cement concrete with cleaning and straightening and cutting of bars if required.		
3/8.32	175 sqm	Scraping White wash and color wash. (c) Cement plaster.	@ Rs. 1.90 (Rs. one and paisa ninety only)	Per sqm
4/ 8.38	150 sqm	Dismantling white or colored glazed tiles (to be carefully removed)	@ Rs. 7.10 (Rs. seven and paisa ten only)	Per sqm

Sr.No./HSR	Qty.	Description	Rate	Unit
5/ 10.60 + Note V(b)	0.50 cum	Cement concrete 1:1½:3 with stone aggregate 20mm nominal size in first story upto 4 meters above plinth level.		
	1.50 cum	a) 1 <sup>st</sup> storey	@ Rs. 711.30 (Rs. seven hundred eleven and paise thirty only)	Per cum
		b) 2 <sup>nd</sup> storey	@ Rs. 713.85 (Rs. seven hundred thirteen and paise eighty five only)	Per cum
6/10.81 + Note V (b)	1.50 cum	Cement concrete 1:2:4 with stone aggregate 20mm nominal size for reinforcement concrete work in <b>shelves</b> excluding steel-reinforcement, but including centering and shuttering, laid in position in all respects. a) 2 <sup>nd</sup> storey	@ Rs. 962.30 (Rs. nine hundred sixty two and paise thirty only)	Per cum
7/ 10.82 + 10.95 (a) + Note V (b)	6.50 cum	Cement concrete 1:1½:3 with stone aggregate 20mm nominal size for reinforced cement concrete work in <b>slabs</b> with inclination not exceeding 25 degree with horizontal, excluding steel-reinforcement, but including centering and shuttering, laid in position in all respects. (a) 2nd storey	@ Rs. 1, 092.10 (one thousand ninety two and paise ten only)	Per cum
8/ 10.86 + 10.95 (a) + Note V (b)	0.50 cum	Cement conc. 1:1½:3 with stone aggregate 20 mm nominal size for reinforced concrete work for walls exceeding 20 cm thickness (straight and curved) <b>beams, girders, stairs, columns,</b> (square or rectangular)battens and lintels etc., excluding steel reinforce, but including centering and shuttering, laid in position, complete in all respects. (a) 2nd storey upto 4 mtrs	@ Rs. 1,196.05 (Rs. one thousand one hundred ninety six and paise five only)	Per cum
	11.50 cum	(b) 3rd storey 4 -6 mtrs	@ Rs. 1,203.35 (Rs. one thousand two hundred three and paise thirty five only)	Per cum

Sr.No./HSR	Qty.	Description	Rate	Unit
9/10.89 + Note V (b)	0.50 cum	Cement concrete 1:2:4 with stone aggregate 20 mm nominal size for reinforced concrete work in fascias parapets and other thin vertical sections, not covered by Item Nos. 10.82, 10.86 to 10.88 not exceeding 10 cm thickness excluding steel reinforcement but including centering and shuttering, laid in position, complete in all respects. (a) 2nd storey upto 4 mtrs	@ Rs. 1,629.35 (Rs. one thousand six hundred twenty nine and paisa thirty five only)	Per cum
	11.50 cum	(b) 3rd storey 4 -6 mtrs	@ Rs. 1,636.65 (Rs. one thousand six hundred twenty nine and paisa sixty five only)	Per cum
10/11.7	2.00 cum	First class brick work laid in cement sand mortar 1:6 in first storey up to 4 meter above plinth level. 2nd storey upto 4 mtrs	@ Rs. 422.70 (Rs. four hundred twenty two and paisa seventy only)	Per cum
11.7+11.41	40.0 cum	2nd storey 4 -6 mtrs	@ Rs. 430.95 (Rs. four hundred thirty and paisa ninety five only)	Per cum
11.7+11.41+11.41 Note I				
11/ 11.48 (a)	02 sqm	11.43 cm thick brick wall laid in cement sand mortar 1:4 in superstructure in first storey 2nd storey upto 4 mtrs	@ Rs. 56.05 (Rs. fifty six and paisa five only)	Per sqm
11.48+Note IV a	125 sqm	2nd storey 4 -6 mtrs	@ Rs. 57.00 (Rs. fifty seven only)	Per sqm
11.48+Note IV b				
12/ 13.89	27.00 mtr.	P/F PVC Rain water pipe 6 kg pressure of ISI mark in cement mortar during masonry work. a) 100 mm dia PVC pipe 6 kg pressure	@ Rs. 182/- (Rs. one hundred eighty two )	Per mtr.

Sr.No./HSR	Qty.	Description	Rate	Unit
13/13.90	06 nos.	P/F PVC bend ISI Mark a) 100 mm dia PVC Bend	@ Rs. 182/- (Rs. one hundred eighty two only)	Each
14/15.7 15.7+ Note I	05 sqm	12 mm thick cement plaster. 1:6. 2nd storey upto 4 mtrs	@ Rs. 10.83 (Rs. ten and paisa eighty three only)	Per sqm
15.7 +Note II	140 sqm	2nd storey 4 -6 mtrs	@ Rs. 11.18 (Rs. eleven and paisa eighteen only)	Per sqm
15/15.12		15 mm thick cement plaster 1:6 on the rough side of single or half brick wall.		
15.12+Note I	05 sqm	2nd storey upto 4 mtrs	@ Rs. 13.28 (Rs. thirteen and paisa twenty eight only)	Per sqm
15.12+Note II	140 sqm	2nd storey 4 -6 mtrs	@ Rs.13.63 (Rs. thirteen and paisa sixty three only)	Per sqm
16/15.46	30 sqm	10 mm thick cement plaster 1:3 Plastering on Floors	@ Rs. 12.70 (Rs. twelve and paisa seventy only)	Per sqm
17/17.95 + Note - II	50.00 kg.	Providing and Fixing aluminum work for Doors, Windows Ventilators and Partitions with extruded built up standard Tubular Sections/Appropriate Z Sections and Other Sections of approved make conforming to I.S 733 and I.S 1285 fixed with Raw plugs and Screws or with fixing clips or with expansion hold fasteners including necessary filling up of gaps at Junctions, At Top Bottom and Sides with required neoprene felt etc aluminum sections shall be smooth, rust free straight miltred and jointed mechanically wherever required including cleat angle, Aluminum snap beading for Glazing/Paneling C.P Brass/Stainless Steel Screws, all complete as per architectural drawings and the directions of Engineer - In -	@ Rs. 262.30 (Rs. two hundred sixty two and paisa thirty only)	Per kg.

Sr.No./HSR	Qty.	Description	Rate	Unit
		Charge (Glazing and Paneling to be paid for separately) Fixed Portion (Anodized aluminum transparent or dyed to required shade to I.S 1868 minimum anodic coating of Grade AC 15)		
18/17.96 + Note - II	50 kg.	Providing and Fixing aluminum work for Doors, Windows Ventilators and Partitions with extruded built up standard Tubular Sections/Appropriate Z Sections and Other Sections of approved make conforming to I.S 733 and I.S 1285 fixed with Raw plugs and Screws or with fixing clips or with expansion hold fasteners including necessary filling up of gaps at Junctions, At Top Bottom and Sides with required neoprene felt etc aluminum sections shall be smooth, rust free straight miltred and jointed mechanically wherever required including cleat angle, Aluminum snap beading for Glazing/Paneling C.P Brass/Stainless Steel Screws etc complete. Shutters of Doors Windows and Ventilators including providing and fixing Hinges/Pivots and Making provision for fixing of fittings wherever required including the cost of PBC/Neoprene gasket required including aluminum fitting i.e aluminum kun	@ Rs. 273.70 (Rs. two hundred seventy three and paisa seventy only)	Per kg.
19/17.97 (b)	5.00 sqm	Providing and Fixing 12mm Thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to I.S 12823 grage 1 type II in paneling fixed in aluminum doors. Windows Shutters and Partitions frames with C.P Brass/Stainless Steel Screws etc complete (b) Pre - laminated particle board with Decorative Lamination on Both Sides	@ Rs. 780.30 (Rs. seven hundred eighty and paisa thirty only)	Per sqm



Sr.No./HSR	Qty.	Description	Rate	Unit
20/17.98	12.00 Sqm	Providing and Fixing glazing in Aluminum Doors, Windows Ventilator Shutter and Partitions etc with PVC/Neoprene gasket etc complete (Cost of aluminum snap beading shall be paid in basic items) (b) With Float Glass panes of 5.00mm Thickness	@ Rs. 700.00 ( Rs. seven hundred only)	Per sqm
21/17.99	4.00 nos.	Providing and Fixing Double action hydraulic floor spring of approved brand and manufacture I.S: 6315 marked for doors including cost of cutting floors as required embedding in floors and cover plates with brass pivot and single piece M.S Sheet Outer Box (a) With Stainless Steel Cover Plate	@ Rs. 1,674.50 (Rs. one thousand six hundred seventy four and paisa fifty only)	Each
22/18.7 +( Note I) 3	330 qtl.	Structural steel work in angles, tees, and flats, welded including cutting fixing all gusset plates, bolts, nuts, welding rod, etc., with hoisting and erecting in position:- For roof trusses, well kerbs, plates and trussed grids etc. of any span for buildings and bridges(TISCO, SAIL,RINL)	@ Rs. 1,158.00 (Rs. one thousand one hundred fifty eight only)	Per qtl.
23/18.12	5.00 qtl.	Wrought iron and mild steel ( using angles, flats, square bars, tees and channels) ladders grills, grating frames, window guard iron doors open able of fixed staircase or parapet or any other type of railing gates and tree guards etc. Including cost of screws and welding rods or bolts ant nuts complete fixed in position	1,040.35 (Rs. one thousand forty and paisa thirty five only)	Per qtl.
24/18.22	55.00 qtl.	cold twisted deformed (ribbed/tor steel) bars for R.C.C. works, where not included in complete rate of R.C.C., including bending, binding and placing in position complete. {TMT BARS (TISCO,SAIL,RINL)}	917.05 (Rs. nine hundred seventeen and paisa five only)	Per qtl.
25/NS	700.00 Sqm	Providing and fixing suspended calcium silicate board 8mm thick ceiling (straight vertical & curved ) consisting of fixing GI frame work ( <b>Gypsteel of India Gypsum /</b>	Rate to be quoted by the contractor	Per sqm

Sr.No./HSR	Qty.	Description	Rate	Unit
		<p><b>Gabson make)</b> perimeter channels of 27 mm x0.5 mm thick having one flange of 20 mm and another flange of 30 mm along with perimeter of the ceiling, screws fixed to RCC/Brick /Foam block walls / partitions with the help of rawl plugs and screws . The suspending GI intermediate channels of size 45 x 0.55 mm thick with two flanges of each from the soffit @ 1200 mm centres with GI hangers of 25mm x 0.5 mm thick fixed to soffit with GI cleat and steel expansion fastners and to intermediate channel with GI nut and bolt. Ceiling section of 0.5 mm thickness having knurled edge of 51.5 mm and two flanges of 26 mm each with lips connection clips and in direction perpendicular to the intermediate channel at 450 mm centres, 12.5 mm thick. Tapered edge calcium silicate board ( confirming to IS 2095-1982 ) is then fixed with screws to ceiling section with 25 mm dry screws at 230 mm centres at the underside of ceiling section framing. making cutouts for electrical/HVAC/plumbing works etc. The measurement will be done as per calcium silicate board surface. Complete in all respect with the entire satisfaction of the Engineer-in-Charge. <b>Make: Hilux/Aerolite)</b></p>		
26/NS	290.00 sqm	<p>Aluminum Composite Panels Providing, cutting, bending &amp; fixing 4mm thick aluminum composite panels cladding on external façade with water tight system either curved or straight in plan. Skin material 0.5mm thick aluminum sheet core material natural polyethylene, aluminum cladding panel of reputed make as mentioned below to be of approved colour/shade fixed with extruded aluminum basic frame, angle cleats, weather sealants, rivets, G. I. brackets all as approved,using suitable Hllti/Fischer.Anchor boits on structural steel work/brick work/concrete as the case may be including necessary accessories complete in all respects with weather silicone “Dow corning -USA” or “Wacker-Germany” (<b>Make ACP: Alucobond</b>)</p>	Rate to be quoted by the contractor	Per sqm

Sr.No./HSR	Qty.	Description	Rate	Unit
27/NS	156.00 sqm	Structural Glazing: Providing and fixing semi unitised structural glazing system in fixed panels with no aluminum section exposed to outside and only glass panels with silicon joint visible from outside. The system specially designed with aluminum sections of grade 63400 WP IS:733 and IS:1285 with pure polyester powder coated in approved colour and shade with mullions fixed to RCC beams/columns through adequately designed MS painted anchor brackets and expansion fasteners as required including providing and fixing 6mm thick super silver/ antelio green reflective toughened glass. The design to be as per BIS code for required wind pressure (175Kgs.per.sqm) as per IS:875 part 3 and use of aluminum per IS:8147.System design to strictly consider section alloy as for thermal movements, air infiltration, water penetration , seismic movement and movements. Silicon sealant structural grade & structural weathering grade shall be “Dow Corning-USA” or “Wacker-Germany” as per the design requirement complete in all respect as per Architectural drawings & specifications <b>(Make Glass: Asahi/Saint Gobin).</b>	Rate to be quoted by the contractor	Per sqm
28/NS	50.00 sqm	Extra for providing openable top hung window shutters in above item no.1 with necessary hardware fittings.	Rate to be quoted by the contractor	Per sqm
29/NS	40.00 sqm	Painting three coats with ready mixed exterior paints in all shades on newly plastered or concrete surface on wall. <b>(Make: Nerolac Suraksha / Asian paints - apex ultima India)</b>	Rate to be quoted by the contractor	Per sqm
30/NS	775.00 sqm	supply and Installation of 0.60mm (TCT) thick <b>Multi-Rib™ Profile Color Coated Galvalume</b> Steel sheet having maximum pitch of 250 mm c/c & minimum 30 mm crest depth in length as per site requirement. The fed material is to be manufactured with zinc-aluminum alloy of AZ-150 ( as per AS 1397:1993 ). The sheet shall have a hot dip metallic zinc-aluminum alloy coating of zinc ( 45%) &	Rate to be quoted by the contractor	Per sqm

Sr.No./HSR	Qty.	Description	Rate	Unit
		aluminum ( 55%) with total mass coating of 150 gsm/sqm on both sides. The profile is having return leg for proper side lap. The sheet shall be fixed EPDM Seal Complete as per specification. with the entire satisfaction of Engineer-In-Charge ( <b>Make : Multi colour/Kirby</b> ) Note: Measurements: Measurements of the executed work of laying the roof sheeting would be measured from ridge to eaves and side to side. ( Sheet inserted inside gable end will also be measured). Flushing & capping would be additionally measured over developed area and laid length.		
31/NS	20 sqm	Providing and laying as/ approved sample pre-polished 18-20mm thick <b>Cats eye</b> granite stone slabs in counters/window sill, fascias or similar location works laid with 30mm thick (average) cement bed mortar 1:4 (1 Grey cement :4 coarse sand), spreading under layer of dry grey cement and all joints to fill with white cement slurry mixed with matching pigment to match the shade of stone slab including rubbing. edge mirror polishing, making half/full round molding on edges. SS clamps for fascia support, applying silicon sealants on junctions and openings, making opening for wash basin, sink, plumbing fixtures etc. as per detailed drawing complete to the satisfaction of Engg in charge/ architect at all heights and leads	Rate to be quoted by the contractor	Per sqm
32/NS	80 sqm	Providing and fixing pre-polished 18mm thick granite stone Cats eye slabs at all heights and levels on floor laid on 20 mm thick base of cement mortar 1:3 (1 cement : 3 coarse sand) including filing the joints with white cement mixed with pigment to match the shade of stone as per satisfaction of Engineer-In- Charge	Rate to be quoted by the contractor	Per sqm

Sr.No./HSR	Qty.	Description	Rate	Unit
33/NS	35 sqm	Providing and fixing pre-polished 15mm to 18mm thick <b>Cats eye</b> granite stone slabs at all heights and levels on wall with 20 mm thick base of cement mortar 1:3 (1 cement : 3 coarse sand) including filing the joints with white cement mixed with pigment to match the shade of stone as per satisfaction of Engineer-In-Charge.	Rate to be quoted by the contractor	Per sqm
34/NS	75 sqm	Providing & fixing 8.9mm thick <b>vitified tiles</b> of size 600mmx600mm as per requirement for on floor 20mm thick cement plaster 1: 3 (1 Cement 3 Coarse sand) and jointed with white cement slurry mixed with pigment to match with the color of the tiles complete in all respect at all heights and levels up to the entire satisfaction of Engineer-in-charge. (color as decided by the Engineer-in-charge.) Marbitono series, Light color.	Rate to be quoted by the contractor	Per sqm
35/NS	150 sqm	Applying snow décor amber dholpur synthetic stone like finish made of pure acrylic emulsion reinforced with marble powder and silica sand having antibacterial and antifungal additives with trowel to a thickness of 2-3 mm on plastered surface. Complete in all respect with the entire satisfaction of Engineer-in-Charge. <b>(Make : Snowcem India / Acro paints )</b>	Rate to be quoted by the contractor	Per sqm
36/NS	850 sqm	Applying water based cement primer one coat then applying magic acrylic wall putty (J.K/Birla) to smoothen the surface for preparation of final paintwork. Finishing the surface with two & more coats of premium plastic emulsion with final coat to be done with roller. Shade as per satisfaction of Engineer-in-charge/ Architect. <b>(Make: Nerolac Impression / Berger - Luxol Silk / Asian -Royal / Shalimar - Hussain)</b>	Rate to be quoted by the contractor	Per sqm

**DNIT for the work “Addition of multi purpose Hall in Tagore Auditorium building at MDU, Rohtak - - E.I.”**

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
1/31.12(c)		<b>Moulded case circuit breakers:</b> Supply & erection of moulded case circuit breaker on wall or on existing pedestal including bonding to earth and necessary connections.		
	05 nos.	(i) 15 amp. to 60 amp. 415V 10 K.A. 3 phase.	@ Rs. 1,926 (Rs. One thousand nine hundred twenty six only)	Each
	02 nos.	(ii) 100 amp. To 220 amp. 415V 10 K.A. 3 phase.	@ Rs. 4,246 (Rs. Four thousand two hundred forty six only)	Each
	02 nos.	(iv) 300 amp. to 400 amp. 415V 35 K.A. 3 phase	@ Rs. 10,502 (Rs. Ten thousand five hundred two only)	Each
2/31.13(ii)		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.		
	10 mtrs.	(ii) Size 40mmx40mmx6mm	@ Rs. 46.50 (Rs. Forty six and paise fifty only)	Per mtr.
3/31.14		Supply and erection of 3mm thick mild steel sheet duly welded on exiting M/S. angle iron frame for fixing the main switches etc. as required, duly painted with three coats of approved paint including one coat of red oxide.		
	02 sqm		@ Rs. 337.00 (Rs. Three hundred thirty seven only)	Per sqm
4/31.17		<b>Miniature Circuit Breaker and Isolator:</b> Supply and erection of miniature circuit breaker/isolator 240 / 415 V in the existing distribution board including making necessary connections:-		
	60 nos.	(a) Miniature Circuit Breakers of 9 K.A. breaking capacity. (ii) 6 amp. to 32 amp. (Single Pole)	@ Rs. 95.00 (Rs. Ninety five only)	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
	02 nos.	(iii) 40 amp to 63 amp. (Triple pole with Neutral)	@ Rs. 499.00 (Rs. Four hundred ninety nine only)	Each
5/31.21	05 mtrs.	<b>Pipe laying</b> Supply & erection of pipe for wiring purposes including bends inspection boxes etc. where necessary and painting as required:- (xxx) Supply and erection of PVC pipe of 6 kg. pressure ,laid 1 metre below ground level complete, including digging refilling of the trench with jointing etc:- (b) PVC pipe 80 mm dia	@ Rs. 42.00 (Rs. Forty two only)	Per mtr.
6/31.22	100 mtrs.	<b>Earthing</b> (xvii) Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required.	@ Rs. 13.50 (Rs. Thirteen and paisa fifty only)	Per mtr.
	50 mtrs.	(xx) Supply and erection of 20 mm x 3 mm thick copper tape fixed with suitable copper stapples of same size.	@ Rs. 60.00 (Rs. Sixty only)	Per mtr.
7/31.26	50 mtrs.	Supply & erection of underground cable, loose in existing pipe or trenches complete with necessary connections:- (xxxiii) 240 Sqmm 3½ Core Cable (Armoured)	@ Rs. 286.00 (Rs. Two hundred eighty six only)	Per mtr.
	30 mtrs.	(xli) 25 Sqmm 4 Core Cable (Armoured)	@ Rs. 56.30 (Rs. Fifty six and paisa thirty only)	Per mtr.
8/31.28	01 no.	Supply and erection of suitable compression type brass cable glands for underground Cable:- (iii) 25 Sqmm to 50 Sqmm Cable 2 to 4 Core	@ Rs. 16.80 (Rs. Sixteen and paisa eighty only)	Per mtr.
	01 no.	(vi) 240 Sqmm Cable 3 to 3½ Core	@ Rs. 35.00 (Rs. Thirty five only)	Per mtr.

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
9/31.35	35 mtrs.	Miscellaneous (i) Supply of M.S. pipe (B-Class) for suspension rod of ceiling fan including threading if required. (a) 15mm dia	@ Rs. 24.90 (Rs. Twenty four and paisa ninety only)	Per mtr.
	70 nos.	(v) Providing and fixing 12 mm dia moter fan hook 80cm long of required shape and size.	@ Rs. 7.30 (Rs. Seven and paisa thirty only)	Each
10/31.40	3970 mtrs.	Supply and erection of PVC unsheathed copper conductor cable single core 1100 volts grade in pipe of suitable size excluding cost and erection of pipe. (i) Cable size 1.5 sqmm (3/0.81mm)	@ Rs. 10.20 (Rs. Ten and paisa twenty only)	Per mtr.
	350 mtrs.	(ii) Cable size 2.5 sqmm (3/1.05mm)	@ Rs. 16.30 (Rs. Sixteen and paisa thirty only)	Per mtr.
	200 mtrs.	(iii) Cable size 4 sqmm (7/0.85mm)	@ Rs. 24.50 (Rs. Twenty four and paisa fifty only)	Per mtr.
	30 mtrs.	(vi) Cable size 16sqmm (7/1.70mm)	@ Rs. 83.70 (Rs. Eighty three and paisa seventy only)	Per mtr.
	50 mtrs.	(vii) Cable size 25sqmm (7/2.14mm)	@ Rs. 134.70 (Rs. One hundred thirty four and paisa seventy only)	Per mtr.
11/31.41	01 no.	Supply and erection of double door sheet steel enclosure distribution board suitable for MCBs and ELCBs etc. recessed in wall including bonding to earth with all labour and material required to complete the job in all respect upto to the entire satisfaction of the Engineer-in-charge of the work. (vi) 8-way, TP&N (Horizontal) (8+24)	@ Rs. 2100.00 (Rs. Two thousand one hundred only)	Each
	01 no.	(vii) 12-way, TP&N (Horizontal) (8+36)	@ Rs. 3490.00 (Rs. Three thousand four hundred ninety only)	Each



Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
12/31.42	02 nos.	Supply and erection double pole/Four pole Residual current circuit breaker (RCCB/ELCB) suitable for operation on 240/415V, 5Hz, AC supply installed in existing sheet steel enclosures including making necessary connections and bonding to earth with all labour and material required to complete the job in all respect upto the entire satisfaction of the Engineer-in-Charge of the work. (xv) 63A/415V FP ELCB with 30mA sensitivity.	@ Rs. 2050.00 (Rs. Two thousand fifty only)	Each
13/31.44	500 mtrs. 250 mtrs.	Supply and erection of PVC conduit pipe ISI marked (Medium) recessed in wall/ceiling etc. including cost of PVC bends, inspection box and all other material required to complete the job in all respect up to the entire satisfaction of Engineer-in-Charge of work. (a) 20mm dia (b) 25mm dia	@ Rs. 31.00 (Rs. Thirty one only) @ Rs. 37.00 (Rs. Thirty seven only)	Per mtr. Per mtr.
14/31.45	70 nos. 36 nos. 04 nos. 10 nos.	Supply and erection of copper lugs including crimping etc. upto the entire satisfaction of Engineer-in-Charges of work. (a) 1.5 sqmm. to 2.5 sqmm (b) 4 sqmm. to 6 sqmm (e) 16 sqmm (f) 25 sqmm	@ Rs. 4.80 (Rs. Four and paisa eighty only) @ Rs. 6.00 (Rs. Six only) @ Rs. 10.30 (Rs. Ten and paisa thirty only) @ Rs. 14.50 (Rs. Fourteen and paisa fifty only)	Each Each Each Each
15/31.48	100 nos.	Supply and erection of MS saddles and clamps on wall/RCC parapet for fixing underground cable at a distance of 0.60 metre centre to centre fixed by means of rawl plug including the cost of all labour and material required to complete the job in all respect.	@ Rs. 5.00 (Rs. five only)	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
16/31.49	15000 sq. cm	Supply and erection of MS box made of 16 Gauge MS sheet recessed in wall, with arrangement of fixing brass screws, 2 nos. check nuts and one no. PVC bush of required size including all labour and material required to complete the job in all respect up to the entire satisfaction of Engineer-in-charge of work. (ii) with coating (anodized) suitable for modular accessories.	@ Rs. 0.17 (Paisa twelve only)	Per Sq. cm
17/31.55	70 nos.	Supply and erection of Socket size rotary step type Electronic regulator for A.C. ceiling fan Anchor make Deluxe model No. 50440 ISI/SSK make PC 561 operated on 120/280 V.A.C. Supply complete including cutting of existing Bakelite sheet and making necessary connection etc. up to the entire satisfaction of the Engineer-in-charge of the work.	@ Rs. 195.00 (Rs. One hundred ninety five only)	Each
18/31.56	104 nos.	Providing and fixing modular type accessories of approved make in existing box including fixing and making necessary connection, complete in all respects. (i) 10 amp. 1 way switch	@ Rs. 87.00 (Rs. Eighty seven only)	Each
	18 nos.	(iii) 20 amp. switch	@ Rs. 116.00 (Rs. One hundred and sixteen only)	Each
	18 nos.	(iv) 10 amp. Socket	@ Rs. 106.00 (Rs. One hundred six only)	Each
	18 nos.	(v) 16 amp. Socket	@ Rs. 165.00 (Rs. One hundred sixty five only)	Each
	70 nos.	(vii) Fan Regulator	@ Rs. 397.00 (Rs. Three hundred ninety seven only)	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
19/31.57	25 nos.	<p>Providing and fixing GI concealed sheet metal boxes with inner and outer faceplate including concealing the box in all and fixing in position with inner plate and face plate with all labour and material required for the job complete in all respects.</p> <p>(ii) 3 Modules</p>	<p>@ Rs. 128.00 (Rs. One hundred twenty eight only)</p>	Each
	20 nos.	(iv) 6 Modules	<p>@ Rs. 214.00 (Rs. Two hundred fourteen only)</p>	Each
	20 nos.	(vi) 12 Modules	<p>@ Rs. 336.00 (Rs. Three hundred thirty six only)</p>	Each
20/31.63	08 sqm.	<p>Supply installation testing and commissioning of Wall/free standing floor mounting dust &amp; vermin proof compartmentalized cubical panel made out of 2 mm thick CRCA sheet, required hardware 3mm thick Bakelite sheet provided all along the bus bar and cable alley separating switches compartment and supporting suitable channel duly painted by 2 coat of Zinc/Red oxide primer followed by 2 coats of powder coating in grey or required shade after rinsing. The panel having PU/Neoprene rubber gasket of not less than 3 mm thickness separate detachable gland plate MS base channel hinged door with inter locking arrangement for equipment/ switch wear.</p> <p>Transparent acrylic sheet shall be provided in front of bus bar compartment to prevent direct access to bus bar Bakelite sheet 3mm thick for separately cable alley to BBC from switch chamber Extended solid copper bars up to cable alleys shall be provided for outgoing connection which shall be paid as extra items. Side walls and cable alley compartments shall be having bolted type doors with detachable extension type structure. The panel will be complete with control wiring (copper) and fuse protection. (Only outer area on all sides shall be measured.)</p>	<p>@ Rs. 2160.00 (Rs. Two thousand one hundred sixty only)</p>	Per sqm

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
21/31.64	25 Kg	Supplying and fixing of copper bus bar duly tinned by means of SMC/DMC type insulator high tensile nuts and bolts spring washers fixing to same in existing panel including bending, cutting in required shape and size and insulation with colour coding heat shrinkable PVC insulation complete in all respect.	@ Rs. 525.00 (Rs. Five hundred twenty five only)	Per kg
22/31.65	01 set	Providing and fixing digital metering equipment for LT cubical panel consisting of 96mm x 96mm 0-500 V, volt meter with selector switch, Amp. meter (of required ratio up to 600/5 amp.) with selector switch and required C.Ts 3 nos., a set of 3 no. phase indication lamps RYB LED.	@ Rs. 4050.00 (Rs. Four thousand fifty only)	Per set
23/N.S.	10 nos.	Supply and erection of Exhaust fan 15" size orient make heavy duty with louver shutter and petty material required to complete the job up to the entire satisfaction of Engineer-in-Charge.	Rates to be quoted by the contractor	Each
24/N.S.	70 nos.	Supply and erection of Ceiling fan 1400 mm sweep (56" size) complete with capacitor, canopies and down rod with necessary connections, including other petty material required to complete the job in all respect up to the entire satisfaction of the Engineer-in-Charge. <b>(Make: Orient/PSPO White Colour)</b>	Rates to be quoted by the contractor	Each
25/N.S.	07 nos.	Supply, installation, Testing & Commissioning of TMS 122M 1XTL5-28 WATT EBT box type tube light fitting with tube 1XTL5-28 WATT PHILIPS MAKE on existing wall/Ceiling with necessary connections, including other petty material required to complete the job in all respect up to the entire satisfaction of the Engineer-in-Charge.	Rates to be quoted by the contractor	Each
26/N.S.	70 nos.	Providing and fixing of softlite- Recess mounted indirect-direct down light luminaires No. WVF 53224 SGA 2X24 WATT FTL (TS) WIPRO MAKE with 2 nos. tube rod 24 watt in existing ceiling with necessary connections, including other petty material required to complete the job in all respect upto the entire satisfaction of the Engineer-in-Charge.	Rates to be quoted by the contractor	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
27/N.S.	20 nos.	Providing and fixing of eye ball recessed dichroic halogen down lighter in existing ceiling model no. QBS 652 1XHAL-MR50-50 watt E-HF12VWH with 1HAL-MR50 WATT Lamp PHILIPS MAKE recessed adjustable accent lighting luminaire. Separate electronic transformer required of PHILIPS make with necessary connection, including other petty material required to complete the job in all respect upto the entire satisfaction of the Engineer-in-Charge.	Rates to be quoted by the contractor	Each
28/N.S.	220 nos.	Providing and fixing cove lighting in existing ceiling/paneling with TMS 122M 1XTL5-28 WATT EBT box type tube light fitting with tube 1XTL5-28 WATT PHILIPS MAKE on existing wall/Ceiling with necessary connections, including other petty material required to complete the job in all respect up to the entire satisfaction of the Engineer-in-Charge.	Rates to be quoted by the contractor	Each

- Note :
1. The underground cable will be used of Havells / Polycabe make No extra payment will be allowed on this account.
  2. PVC pipe of 6 Kg. pressure Kasta / Swastik /Supreme make of HSR item no. 31.21 will be used. No extra payment will be allowed on this account.
  3. The materials used for HSR item no. 31.12, 31.15, 31.17 and 31.41 will be used of Standard / Havells make and no extra payment will be allowed on this account.
  4. PVC copper wire 31.38, 31.39 and 31.40 will be used of Havells/Polycabe make and no extra payment will be allowed on this account.

**DETAILED NOTICE INVITING TENDER**

**Name the work “Providing and fixing floor tiles in various labs and furnishing of Seminar Hall in the Department of Genetics in M.D.U, Rohtak”**

**App. Amt. Rs. \_\_\_\_\_**

**Earnest Money Rs. \_\_\_\_\_**

**Time Limit: \_\_\_\_\_**

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
1/14.89	670 sqm	Providing and fixing vitrified tiles of size 600 x 600mm of approved make in flooring laid in any pattern as specified over base of 20mm thick cement coarse sand mortar 1:3 and jointed with white cement slurry mixed with pigment to match the shade to tiles. Note : Tile shall be of premium quality (1 <sup>st</sup> quality) of reputed manufacturer like NITCO, KAJARIA, SOMANI, ORIENT, JOHNSONS & RAK.	@ Rs. 924.30 (Rs. Nine hundred twenty four and paisa thirty only)	Per sqm
2/14.90	32 sqm	Providing and fixing vitrified tiles of size 600 x 600mm of approved make in flooring laid in any pattern as specified over base of 12mm thick cement coarse sand mortar 1:3 and jointed with white cement slurry mixed with pigment to match the shade to tiles. Note : Tile shall be of premium quality (1 <sup>st</sup> quality) of reputed manufacturer like NITCO, KAJARIA, SOMANI, ORIENT & JOHNSONS	@ Rs. 929.80 (Rs. Nine hundred twenty nine and paisa eighty only)	Per sqm
3/14.97-14.93	670 sqm	Laying and fixing ceramic & glazed tiles /vitrified tiles/of any size of approved make in floors/dados, laid in any pattern as specified over base of 3mm thick adhesive of reputed brands such as Pidilite, Laticrete, Ferrouscrete & Valendure as per IS specification 15477-2004 using 5 kg. adhesive per sqm area of tiles and jointed with white cement slurry mixed with pigment to match the shade of tiles excluding cost of tiles	@ Rs. 51.90 (Rs. Fifty one and paisa ninety only)	Per sqm
4/13.91	20 sqm	Providing and fixing false ceiling with 12mm thick Gypsum Board fixed on M.S. steel runners frame including cost of screws angles, cleats, rawel pugs, with taping, filling with Gypsum compound and applying priming coat etc. complete in all respects.	@ Rs. 600.00 (Rs. Six hundred only)	Per sqm

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
5/13.92	78 sqm	Providing and fixing false ceiling without grooves with 12mm to 15mm thick, 600mm x600mm best quality mineral fibre tiles of approved make fixed on M.S. steel runners frame including cost of screws angles, cleats, rawl plugs, with taping and painting etc. complete in all respects as approved by the Engineer-in-Charge.	@ Rs. 700.00 (Rs. Seven hundred only)	Per sqm
6/17.96	22 kg.	Providing and fixing aluminum work for doors, windows, ventilator and partitions with extruded built up standard tubular sections/appropriate Z section and other section of approved make conforming to IS:733 and IS:1285 fixed with rawl plugs and screws or with fixing clips or with expansion hold fasteners including necessary filling up of gaps at junctions at top, bottom, and sides with required neoprene felt etc aluminum sections shall be smooth, rust free straight mitered and jointed mechanically wherever required including cleat angle, Aluminum snap beading for glazing/paneling C.P. brass/stainless steel screws, all complete. Shutters of doors, windows & ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the cost of PVC / neoprene gasket required including aluminum fitting.	@ Rs. 253.70 (Rs. Two hundred fifty three and paisa seventy only)	Per kg.
7/17.97(b)	1.15 sqm	Providing and fixing 12 mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 grade 1 type II in paneling fixed in aluminum doors, windows shutters and partition frames with C.P. brass /stainless steel screws complete (b) Pre-laminated particle board with decorative lamination on both sides	@ Rs. 780.30 (Rs Seven hundred eighty & paisa thirty only)	Per sqm

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
8/17.98(b)	01 sqm	Providing and fixing glazing in aluminum door, windows, ventilator shutter and partitions etc. with PVC /neoprene gasket etc. complete (cost of aluminum snap beading shall be paid in basic items) (b) With float glass panes of 5.00 mm thickness	@ Rs. 700.00 (Rs. Seven hundred only)	Per sqm
9/17.83(b) (i)	02 nos.	Providing and fixing sliding bolt with nuts and screws etc complete (b) Aluminum (i) size 300mm x 16mm	@ Rs. 44.15 (Rs. Forty four and paisa fifteen only)	Each
10/N.S.	04 nos.	Providing and fixing aluminium handle 200 mm complete to the entire satisfaction of Engineer-in-Charge.	Rates to be quoted by the Contractor	Each
11/N.S.	02 nos.	Providing and fixing aluminium tower bolt 200 mm complete to the entire satisfaction of Engineer-in-Charge.	Rates to be quoted by the Contractor	Each
12/N.S.	26 sqm	Providing and fixing venetion blinds complete to the entire satisfaction of Engineer-in-Charge.	Rates to be quoted by the Contractor	Per sqm



**DETAILED NOTICE INVITING TENDER**

**Name the work “Renovation of various labs ( Lab No. 116, 203, 215, 219, 315, 320) in the Department of Chemistry in M.D.U, Rohtak”**

**App. Amt. Rs. \_\_\_\_\_**

**Earnest Money Rs. \_\_\_\_\_**

**Time Limit: \_\_\_\_\_**

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
1/18.34 (b)	138.50 mtr.	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 PWD specifications, including bolts for fixing stops lockmotch, 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 cost of cement concrete 1:3:6 for filling in the frame and cement concrete 1:3:6 for lugs complete:-  (b) door & window frames of size 76 mm x 38 mm with 35 mm wide single rebate	@ Rs. 58.60 (Rs. Fifty eight and paisa sixty only)	Per mtr.
2/17.49 (a)	101 sqm	Providing and fixing commercial type block board, plain lining, butt jointed, including wooden plugs (teak) placed at 45 cm to 60 cm centres, complete with necessary nails (frame work shall be payable extra)  (a) 25mm thick	@ Rs. 264.60 (Rs. Two hundred sixty four and paisa sixty only)	Per sqm
3/17.71 (b)	101 sqm	Cost of iron fittings, complete for doors and windows, such as tower bolts, handles, etc., and screws for these fittings (excluding sliding bolt)-  (b) For double leaf shutter	@ Rs. 10.15 (Rs. Ten and paisa fifteen only)	Per sqm

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Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
4/17.90 (a)	1.26 sqm	<p>Factory manufactured paneled door or glazed window, shutters of commercial hard wood such as hollock, champ, chikrassy and chaplash etc. (non coniferous timber other than teal , conforming to I.S. specification No.1003, kiln seasoned) with 100 mm wide vertical styles, 150 mm wide lock rail, 200 mm wide bottom rail and 100 mm wide other rails, with panels of 15 mm thick , tongued and grooved of commercial hard wood and including cost of iron hinges, screws, chocks/cleats, stops, nails etc., complete fixed in position (excluding the cost of any fittings, other than specified above, but including labour for fixing the same in position)-                      (a) 30 mm thick                      NOTE : The wood will be used of Hollock, Champ, chikrassy and chaplash only</p>	<p>@ Rs. 398.15                      (Rs. Three hundred ninety eight &amp; paisa fifteen only)</p>	Per sqm
5/13.92	119 sqm	<p>Providing and fixing flase ceiling without grooves with 12mm to 15mm thick, 600mm x600mm best quality mineral fibre tiles of approved make fixed on M.S. steel runners frame including cost of screws angles, cleats, rawel plugs, with taping and painting etc. complete in all respects as approved by the Engineer-in-Charge.</p>	<p>@ Rs. 700.00                      (Rs. Seven hundred only)</p>	Per sqm
6/14.92 (a)	56 sqm	<p>Providing and fixing 1<sup>st</sup> 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</p>	<p>@ Rs. 501.75                      (Rs. Five hundred one and paisa seventy five only)</p>	Per sqm

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
7/17.36 (c)	01sqm	Supplying and fixing glass panes with moulding of commercial hard wood such as hollock, champ, chikrassy and chaplash etc.(non coniferous timber other than teak, conforming to I.,S. specification No.1003, kiln seasoned)  (c) 4mm thick (glazing area above 55 sq dm, but upto 84 sq dm of each panel)	@ Rs. 126.50 (Rs. One hundred twenty six and paisa fifty only)	Per sqm
8/17.78(c)	48 nos.	Providing and fixing 150mm hasps and staples with necessary screws, etc., complete. (c) iron	@ Rs. 4.30 (Rs. Four and paisa thirty only)	Each
9/17.84 (b)	50 nos.	Providing and fixing 50 mm cup board or ward robe knob (b) aluminium	@ Rs. 4.55 (Rs. Four and paisa fifty five only)	Each
10/17.95	144 kg.	Providing and fixing aluminum work for doors, windows, ventilator and partitions with extruded built up standard tubular sections/appropriate Z section and other section of approved make conforming to IS:733 and IS:1285 fixed with rawl plugs and screws or with fixing clips or with expansion hold fasteners including necessary filling up of gaps at junctions at top, bottom, and sides with required neoprene felt etc aluminum sections shall be smooth, rust free straight mitered and jointed mechanically wherever required including cleat angle, Aluminum snap beading for glazing/paneling C.P. brass/stainless steel screws, all complete. Fixed portion (Anodized aluminum transparent or dyed to required shade according to IS : 1868, minimum anodic coating of grade AC 15)	@ Rs. 242.30 (Rs. Two hundred forty two & paisa thirty only)	Per Kg.

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
11/17.96	222 kg.	<p>Providing and fixing aluminum work for doors, windows, ventilator and partitions with extruded built up standard tubular sections/appropriate Z section and other section of approved make conforming to IS:733 and IS:1285 fixed with rawl plugs and screws or with fixing clips or with expansion hold fasteners including necessary filling up of gaps at junctions at top, bottom, and sides with required neoprene felt etc aluminum sections shall be smooth, rust free straight mitered and jointed mechanically wherever required including cleat angle, Aluminum snap beading for glazing/paneling C.P. brass/stainless steel screws, all complete.</p> <p>Shutters of doors, windows &amp; ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the cost of PVC / neoprene gasket required including aluminum fitting.</p>	<p>@ Rs. 253.70 (Rs. Two hundred fifty three and paise seventy only)</p>	Per kg.
12/17.97(b)	20 sqm	<p>Providing and fixing 12 mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 grade 1 type II in paneling fixed in aluminum doors, windows shutters and partition frames with C.P. brass /stainless steel screws complete</p> <p>(b) Pre-laminated particle board with decorative lamination on both sides</p>	<p>@ Rs. 780.30 (Rs Seven hundred eighty &amp; paise thirty only)</p>	Per sqm
13/17.98(b)	26 sqm	<p>Providing and fixing glazing in aluminum door, windows, ventilator shutter and partitions etc. with PVC /neoprene gasket etc. complete (cost of aluminum snap beading shall be paid in basic items)</p> <p>(b) With float glass panes of 5.00 mm thickness</p>	<p>@ Rs. 700.00 (Rs. Seven hundred only)</p>	Per sqm

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
14/16.1	223 sqm	Preparation of ply wood surface for painting including sand papering the surface and applying filling with approved quality filler consisting of white lead, linsed oil, varnish and chalk mitti including finishing the surface to required/finish complete	@ Rs. 4.60 (Rs. Four & paisa sixty only)	Per sqm
15/16.2	223 sqm	Applying pink primer or aluminum priming coat on wood work including preparation of surface, knotting and stopping etc.	@ Rs. 3.60 (Rs. Three & paisa sixty only)	Per sqm
16/16.3	223 sqm	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.	@ Rs. 8.05 (Rs. Eight & paisa five only)	Per sqm
17/16.7	255 sqm	Painting one coat with synthetic enamel paint in all shades on old wood-work or metallic or plastered or concrete surfaces to give an even shade including rubbing down old paint	@ Rs. 4.05 (Rs. Four and paisa five only)	Per sqm
18/16.52	670 sqm	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.	@ Rs. 11.15 (Rs. Eleven and paisa fifteen only)	Per sqm
19/16.57	670 sqm	Distempering with washable oil bound distemper (of approved manufacture) two coats excluding priming coat on new work.	@ Rs. 6.30 (Rs. Six and paisa thirty only)	Per sqm
20/16.47	350 sqm	White washing two coats	Rs. 0.90 (Paisa ninety only)	Per sqm
21/14.89	38 sqm	Providing and fixing vitrified tiles of size 600 x 600mm of approved make in flooring laid in any pattern as specified over base of 20mm thick cement coarse sand mortar 1:3 and jointed with white cement slurry mixed with pigment to match the shade to tiles. Note : Tile shall be of premium quality (1 <sup>st</sup> quality) of reputed manufacturer like NITCO, KAJARIA, SOMANI, ORIENT, JOHNSONS & RAK.	@ Rs. 924.30 (Rs. Nine hundred twenty four and paisa thirty only)	Per sqm

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
22/14.97-14.93	38 sqm	Laying and fixing ceramic & glazed tiles /vitrified tiles/of any size of approved make in floors/dados, laid in any pattern as specified over base of 3mm thick adhesive of reputed brands such as Pidilite, Laticrete, Ferrouscrete & Valendure as per IS specification 15477-2004 using 5 kg. adhesive per sqm area of tiles and jointed with white cement slurry mixed with pigment to match the shade of tiles excluding cost of tiles	@ Rs. 51.90 (Rs. Fifty one and paisa ninety only)	Per sqm
23/14.90	3 sqm	Providing and fixing vitrified tiles of size 600 x 600mm of approved make in flooring laid in any pattern as specified over base of 12mm thick cement coarse sand mortar 1:3 and jointed with white cement slurry mixed with pigment to match the shade to tiles. Note : Tile shall be of premium quality (1 <sup>st</sup> quality) of reputed manufacturer like NITCO, KAJARIA, SOMANI, ORIENT & JOHNSONS	@ Rs. 929.80 (Rs. Nine hundred twenty nine and paisa eighty only)	Per sqm
24/13.91	12 sqm	Providing and fixing false ceiling with 12mm thick Gypsum Board fixed on M.S. steel runners frame including cost of screws angles, cleats, rawel pugs, with taping, filling with Gypsum compound and applying priming coat etc. complete in all respects.	@ Rs. 600.00 (Rs. Six hundred only)	Per sqm
25/N.S.	243 sft.	Providing and fixing venetion blinds complete to the entire satisfaction of Engineer-in-Charge.	Rates to be quoted by the Agency	Per sft.
26/N.S.	33 sft.	Providing and fixing kota stones 34 mm to 40 mm complete to the entire satisfaction of Engineer-in-Charge.	Rates to be quoted by the Agency	Per sft.
27/N.S.	6 nos.	Providing and fixing aluminium handle 8" complete to the entire satisfaction of Engineer-in-Charge.	Rates to be quoted by the Agency	Each
28/N.S.	3 nos.	Providing and fixing mortise lock complete to the entire satisfaction of Engineer-in-Charge.	Rates to be quoted by the Agency	Each
29/N.S.	3 nos.	Providing and fixing aluminium tower bolt 8" complete to the entire satisfaction of Engineer-in-Charge.	Rates to be quoted by the Agency	Each