

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 Haryana PWD B&R / P.H. Br., MES, CPWD, autonomous bodies and other 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 upto 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 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.)	Date of opening of tender	Time limit
			Society	Contractor			
1.	Construction of Car Shed and toilet-cum-office block near the proposed Cricket Ground (including E.I. & PHA)	33,89,000/-	33,890/-	67,780/-	5,000/-	13.08.2012	05 months
2.	Construction of Animal House (including E.I. & PHA)	30,00,000/-	30,000/-	60,000/-	5,000/-	13.08.2012	05 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) and on University Website – 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 2011-12) 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 day happens to be a holiday, the tenders will be received / opened on next working day at the same time.
5. 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.
6. 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.
7. Conditional tender is liable to be rejected.
8. Any work, here tendered, may be withdrawn from further processing at any stage at the discretion of the competent authority without assigning any reason.
9. 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.
10. Nothing extra whatsoever shall be paid on account of losses, damages done by rains or any other natural calamity.
11. The tender is liable to be rejected if the tender is found in variance of the above conditions or the conditions of the DNIT.
12. The University reserves the right to accept or reject or negotiate any of the tender or conditions/items without assigning any reason.
13. Plumbing and E.I. work shall be got done through license holder agencies for the works involving PH / E.I.
14. The agencies shall paste the cello tape on the rates quoted by them.

Executive Engineer

Endst. No. EE/ 2012 /5376-5406

Dated: 17.07.2012

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

PTO

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. SDE(C-I, II, III) / SDE (E-I) / SDE (PH) / SDE (Horti.-I, II), MDU, Rohtak
8. Divisional Accountant / H.D.M., Engineering Cell, MDU, Rohtak
9. Notice Board
10. Contractor/Agency/Society:_____

Executive Engineer

DNIT for the work “Construction of car shed and toilet-cum-office block near the proposed Cricket ground in MDU, Rohtak”

App. Amt. : Rs. 33,89,000/-

Earnest Money : Rs. 67,760/- / Rs. 33,650/-

Time Limit : 05 months

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
1/8.5(b)	14 cum	(D) dismantling brick work tile masonry or tile lining and tile terracing (b) in cement	@ Rs. 35.60 (Rs. Thirty five & paisa sixty only)	Per cum
2/8.32(e)	3418 nos.	Scraping: (e) brick dismantled from brick work in lime or cement.	@ Rs. 83.10 (Rs. eighty three and paisa ten only)	Per 1000 nos.
3/6.6	170 cum	(B) (i) Earth work in Excavation of Foundations in Trenches Earth work in excavation in foundations, trenches, etc in all kinds of soils, not exceeding meters 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 with in a leadoff 30 meters	@ Rs. 1108.10 (Rs. One thousand one hundred eight & paisa ten only)	Per 100 cum
4/10.26	30 cum	Cement concrete 1:8:16 with brick ballast 40 mm nominal size in foundation and plinth	@ Rs. 300.20 (Rs. Three hundred & paisa twenty only)	Per cum
5/10.90+10.95(a)	17 cum	Cement concrete 1:1½:3 instead of cement concrete 1:2:4 with stone aggregate 20mm nominal size for reinforced concrete work in footings, strips, foundations, beams, rafts, pedestals and approach slabs of bridges etc., excluding steel reinforcement but including centering and shuttering, laid in position, complete in all respects, (for work upto 1.5 metres below ground level.)	@ Rs.774/- (Rs. seven hundred seventy four only)	Per cum
6/10.39	141 cum	Cement concrete 1:4:8 with stone aggregate 40 mm nominal size in foundation and plinth.	@ Rs. 403.10 (Rs. four hundred three and paisa ten only)	Per cum

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
7/10.81+10.95(a)	02 cum	Cement concrete 1:1.1/2:3 with stone aggregate 20mm nominal size for reinforced concrete work in Shelves excluding steel reinforcement, but including centering and shuttering, laid in position, complete in all respects. (a) extra over item nos. 10.79 to 10.94, if 1: 1½:3 mix is used instead of 1:2:4	@ Rs. 1034.60 (Rs. one thousand thirty four and paisa sixty only)	Per cum
8/10.82+10.95(a)	13 cum	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 reinforcement, but including centering and shuttering, laid in position, complete in all respects.	@ Rs. 1,084.80 (Rs. one thousand eighty four and paisa eighty only)	Per cum
9/10.114	15 sqm	Damp proof course 40 mm thick of cement concrete 1:2:4 using stone aggregate 20 mm nominal size with 2 coats of bitumen 20/30 penetration at 1.65 Kg per sqm laid hot and sanded	@ Rs. 35.05 (Rs. Thirty five & paisa five only)	Per cum
10/10.132	143 cum	Cement concrete 1:11/2:3 with stone aggregate 20mm nominal size in pavement, roads, taxi-tracks and run ways, laid to required slope and camber, including consolidation, finishing and tamping complete	@ Rs. 642.40 (Rs. six hundred forty two and paisa forty only)	Per cum
11/11.2	42 cum	First class brick work laid in cement sand mortar 1:6 in foundation and plinth	@ Rs. 393.45 (Rs. three hundred ninety three & paisa forty five only)	Per cum
12/11.7	48 cum	First class brick work laid in cement sand mortar 1:6 in first storey upto 4 meters above plinth level	@ Rs. 414.45 (Rs. Four hundred fourteen & paisa forty five only)	Per cum
13/11.8	58 cum	First class brick work laid in cement sand mortar 1:5 in first storey upto 4 metres above plinth level.	@ Rs. 428.60 (Rs. four hundred twenty eight and paisa sixty only)	Per cum

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
14/11.48(a)	29 sqm	(a) 11.43 cm thick brick wall laid in cement sand mortar 1:4 in superstructure	@ Rs. 55.10 (Rs. Fifty five & paisa ten only)	Per sqm
15/13.13	90 sqm	Terracing consisting of tiles 22.86 cm x 11.43 cm x 3.81 cm laid over 87.50 mm mud filling on a layer of 25 mm mud plaster and another 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 1:3 and top surface to be left clean etc.	@ Rs. 52.95 (Rs. fifty two and paisa ninety five only)	Per sqm
16/13.20	911 sqm	Corrugated asbestos sheet roofing 6mm thick sheet fixed with G.I. hooks and bolts, limpet and bitumen washers complete, fixed in position, excluding the cost of purling, rafters and trusses.	@ Rs. 73.50 (Rs. Seventy three and paisa fifty only)	Per sqm
17/13.50	02 nos.	Top khurra 0.6 m x 0.6 m for rain water pipe in 25 mm thick cement concrete 1:2:4 over 50 mm thick cement concrete 1:8:16	@ Rs. 12.30 (Rs. Twelve & paisa thirty only)	Each
18/13.64	42 mtrs.	Cement concrete 1:2:4 gola 10 cm x 10 cm quadrant along junction of roof with parapet wall finished smooth where specially specified.	@ Rs. 5.35 (Rs. five and paisa thirty five only)	Per mtr.
19/13.89(a)	07 mtrs.	Providing and fixing PVC rain water pipe 6 kg. pressure of ISI mark in cement mortar during masonry work. (a) 100mm dia PVC pipe 6 kg. pressure	@ Rs. 182/- (Rs. one hundred eighty two only)	Per mtr.
20/13.90 (a)	04 nos.	Providing and fixing PVC bend ISI mark. (a) 100 mm dia PVC bend	@ Rs. 97.40 (Rs. ninety seven and paisa forty only)	Each
21/14.1	92 sqm	Base course of floors consisting of 100 mm thick concrete 1:8:16 and 100 mm sand or stone filling	@ Rs. 36.95 (RS. Thirty six & paisa ninety five only)	Per sqm
22/14.9	49 sqm	Conglomerate floor 40 mm thick cement concrete topping 1:2:4	@ Rs. 31.50 (Rs. Thirty one & paisa fifty only)	Per sqm

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
23/14.89	76 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 st quality) of reputed manufacturer like NITCO, KAJARIA, SOMANI, ORIENT && JOHNSONS	@ Rs. 924.30 (Rs. Nine hundred twenty four and paisa thirty only)	Per sqm
24/14.90	03 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 st quality) of reputed manufacturer like NITCO, KAJARIA, SOMANI, ORIENT && JOHNSONS	@ Rs. 929.80 (Rs. Nine hundred twenty nine and paisa eighty only)	Per sqm
25/14.92(a)	102 sqm	Providing and fixing 1 st 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	@ Rs. 501.75 (Rs. five hundred one and paisa seventy five only)	Per sqm
26/15.5	89 sqm	12 mm thick cement plaster 1:4	@ Rs. 12.70 (Rs. Twelve & paisa seventy only)	P.sqm
27/15.6	284 sqm	12mm thick cement plaster 1:4	@ Rs. 11.60 (Re. eleven and paisa sixty only)	Per sqm

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
28/15.10	55 sqm	15 mm thick cement plaster 1:4 on the rough side of single or half brick wall	@ Rs. 15.65 (RS. Fifteen & paisa sixty five only)	P.sqm
29/15.12	284 sqm	15 mm thick cement plaster 1:6 on the rough side of single or half brick wall	@ Rs. 13.10 (Rs. Thirteen & paisa ten only)	Per sqm
30/15.52	95 sqm	10 mm thick cement plaster 1:4	@ Rs. 12.65 (Rs. Twelve & paisa sixty five)	Per sqm
31/16.1	41 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
32/16.2	45 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
33/16.3	70 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
34/16.25	190 sqm	Applying priming coat with cement primer in all shades on newly plastered or concrete exterior surfaces	@ Rs. 4.15 (Rs. Four and paisa fifteen only)	Per sqm
35/16.52	116 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
36/16.57	116 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

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
37/16.79(b)	190 sqm	Providing two coats of exterior acrylic emulsion paint. b) 1 st quality.	@ Rs. 48.75 (Rs. forty eight and paisa seventy five only)	Per Sqm
38/17.71	19 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 single leaf shutter	@ Rs. 6.40 (Rs. six and paisa forty only)	Per sqm
39/17.87	06 sqm	Providing and fixing 0.50 mm thick aluminum sheet, including cost of necessary screws, etc. complete.	@ Rs. 90.55 (Rs. ninety and paisa fifty five only)	Per sqm
40/17.83(c)ii	10 nos.	Providing and fixing sliding bolt with nuts and screws etc complete (c) Iron (ii) size 250mm x 16mm	@ Rs. 16.35 (Rs. sixteen and paisa thirty five only)	Each
41/17.90(i) – note 17.18(i)	02 sqm	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) 35 mm thick	@ Rs. 398.15 (Rs. Three hundred ninety eight & paisa fifteen only)	Per sqm

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
42/17.93-note 17.18	09 sqm	Factory manufacture solid flush door shutter with block board core as per I.S. no. 1659-1969 bonded with water proof type phenol formaldehyde synthetic resin hot pressed conforming to IS 2202 part-I and part II, fixed in position, including iron hinges, screws, chocks/cleats and stops etc (excluding the cost of any fittings other than specified above , but including labour for fixing the same in position) (a) commercial veneering with vertical grains or cross bands and face veneer on both sides commercial facing with laminated core and lipped edges:- (i) 30mm	@ Rs. 411.15 (Rs. four hundred eleven and paisa fifteen only)	Per sqm
	08 sqm	(ii) 35mm	@ Rs. 436.15 (Rs. four hundred thirty six and paisa fifteen only)	Per sqm
43/18.12	70 qtl.	Wrought iron and mild steel (using angles, flats, square bars, tees and channels) ladders, grills, grating frames, window guard, iron doors open-able or fixed stair case 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	@ Rs. 1040.35 (Rs. One thousand forty & paisa thirty five only)	Per qtl
44/18.15(a)	100 kg.	(a) supplying M.S. Bolts of required sizes with nuts and washers complete.	@ Rs. 14/- (Rs. fourteen only)	Per kg.
45/18.22	59 qtl.	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	@ Rs. 917.05 (Rs. Nine hundred seventeen & paisa five only)	Per qtl.
46/18.30(b)	06 sqm	Supplying and fixing glass panes including special metal sash putty of approved make: (b) glass panes 4mm thick, exceeding 40sq dm areas	@ Rs. 115.40 (Rs. one hundred fifteen and paisa forty only)	Per sqm

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
47/18.34	90 mtr. 78 mtr.	<p>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 lockmatch, 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:-</p> <p>(a) door & window frames of size 89 mm x 50 mm with 40 mm wide single rebate</p> <p>(b) door & window frames of size 76 mm x 38 mm with 35 mm wide single rebate</p>	<p>@ Rs. 71.55 (Rs. seventy one and paisa fifty five only)</p> <p>@ Rs. 58.60 (Rs. fifty eight and paisa sixty only)</p>	<p>p.mtr</p> <p>per mtr.</p>
48/NS	600 cum	Supply and filling tibba sand including watering. Compaction, consolidation etc complete to the entire satisfaction of Engineer-in-charge.	Rate to be quoted by the contractor	Per cum

Name of work: “Construction of car shed and toilet-cum-office block near the proposed Cricket ground in MDU, Rohtak(PHA)”

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
1/30.4(i)	04 nos.	Providing and fixing in position best Indian make (to the approval of the Engineer-in-Charge) European type water closet suite with non-concealed ‘P’ or ‘S’ trap with or without vent and all other necessary fittings as fully described I item no. 30.3 (i) white	@ Rs. 901.00 (Rs. Nine hundred one only)	Each
2/30.12(i)	04 nos.	Extra over item no.30.1 to 30.4 and 30.6 for providing & fixing 15 litres capacity below low level vitreous china ware cistern complete with flush bend all other necessary fittings instead of C.I high level cistern complete with fittings. (i) white	@ Rs. 290.00 (Rs. Two hundred ninety only)	Each
3/30.13(i)	04 nos.	Extra over item nos. 30.3 to 30.6 for providing and fixing best Indian make plastic hygienic seat with lid complete instead of hollow black or white plastic seat and lid. (i) white plastic seat (Solid)	@ Rs. 193/- (Rs. one hundred ninety three only)	Each
4/30.15(b)	04 nos.	Extra for providing and fixing 32 mm dia G.I. / C.P. flush pipe complete with accessories instead of 32mm dia galvanized telescopic flush pipe with clips (as required by Engineer-in-Charge) (b) 32mm dia C.P. brass flush pipe	@ Rs. 125/- (Rs. one hundred twenty five only)	Each
5/30.41(a) iv	04 nos.	Providing & fixing in position best Indian 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 :- (iv) Size 550 mm x 400 mm with one no. tap	@ Rs. 407.00 (Rs. Four hundred seven only)	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
6/30.48	06 nos.	P/fixing in position 32 mm dia G.I. water pipe embedded in wall or lead waste pipe (weighing 3.47 Kg. per metre and 2.8 mm thick) upto floor level including cost of wipped solder joint etc. complete.	@ Rs. 98.00 (Rs. Ninety eight only)	Each
7/30.49	06 nos.	Providing and fixing in position best Indian make chromium plated brass 'P' or 'S' trap 32mm dia	@ Rs. 40.50 (Rs. forty and paisa fifty only)	Each
8/30.67(a)	04 nos.	Providing and fixing in position best Indian make paper holders fixed into wall with C.P. brass screws complete in all respects including cutting and making goods with walls etc. (a) C.P. brass	@ Rs. 27.50 (Rs. twenty seven and paisa fifty only)	Each
9/30.68	04 nos.	P/F in position best Indian make towel rail fixed in with rawls plug embedded in wall with C.P. brass screws. Complete in all respect including cutting and making good the walls etc. (b) 20mm dia C.P. brass adjustable (ii) 600mm long	@ Rs. 57/- (Rs. fifty seven only)	Each
10/30.69	04 nos.	Providing and fixing in position glass shelf fixed in with rawl plugs with C.P. brass screws, complete including cutting and making good the walls etc. (b) Vitreous chinaware shelf 560mm long	@ Rs. 68.50 (Rs. sixty eight and paisa fifty only)	Each
11/30.70(a)ii	04 nos.	Providing and fixing in position best Indian make soap dish fixed into wall with C.P. brass screw and complete in all respect including cutting and making goods the wall etc. (a) C.P. brass (ii) soap dish small	@ Rs. 46.50 (Rs. Forty six & paisa fifty only)	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
12/30.71(a)ii	04 nos.	Providing and fixing in position best Indian make beveled edge 5.5 mm thick mirror mounted on asbestos sheet ground fixed in position by means of 4 nos. chromium plated brass screws and 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) 550mm x 400mm	@ Rs. 94.50 (Rs. ninety four and paisa fifty only)	Each
13/30.75	04 nos.	P/F in position 15 mm internal dia C.P. brass bib cocks of best quality (as required by the Engineer in charge) (a) bib cock long body	@ Rs. 116.00 (Rs. One hundred sixteen only)	Each
	04 nos.	(c) bib cock	@ Rs. 100.00 (Rs. On hundred only)	Each
14/30.76	08 nos.	Providing and fixing in position C.P. brass stop cocks of best quality (as required by the Engineer in charge). a) 15 mm stop cock (i) stop cock male and female end	@ Rs. 101.00 (Rs. One hundred one only)	Each
	02 nos.	(ii) Concealed stop cock with flange	@ Rs. 130.00 (Rs. One hundred thirty only)	Each
15/30.83	02 nos.	Providing and fixing in position best Indian make C.P. brass inlet connection 15mm with 375mm pipe and C.P. brass nuts.	@ Rs. 115.00 (Rs. one hundred fifteen only)	Each

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Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
16/30.26(i)	01 no.	Providing and fixing in position best Indian make a range of two urinals large flat back or angular lippeed front 610mm high in vitreous chinaware with 5 ltr. cap. Best Indian make C.I. automatic flushing cistern with fittings and flush pipe etc. complete as fully described in item no.30.25 above. Range of two urinals: (i) White	@ Rs. 1,827/- (Rs. one thousand eight hundred twenty seven only)	Each
17/30.37	01 no.	Extra for providing and fixing vitreous automatic flushing cistern including fittings and brackets instead of C.I. flushing cistern complete. (b) 10 litres capacity cistern (i) White	@ Rs. 201/- (Rs. two hundred and paisa one only)	Each
18/30.38	01 no.	Extra for providing and fixing standard size C.P. brass flush pipe complete with fittings instead of G.I. flush pipe complete. (ii) for a range of two urinals	@ Rs. 158/- (Rs. one hundred fifty eight only)	Each
19/30.40	01 no.	Providing and fixing 25mm thick marble partitions for different type of urinals. (a) size 375 mm x 750mm	@ Rs. 98/- (Rs. ninety eight only)	Each
20/30.84	30 mtrs. 30 mtrs.	Providing and fixing in position HCI soil waste vent or antisiphonage pipes to ISI specifications 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 conditions but excluding cost of lead jointing. (a) 100 mm dia internal diameter (b) 75 mm dia	@ Rs. 97.50 (Rs. Ninety seven & paisa fifty) @ Rs. 83.00 (Rs. Eighty three only)	Per mtr. Per mtr.

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
21/30.87	15 nos. 15 nos.	Providing lead caulked joints to HCI pipes and specials conforming to ISI specifications or ELC manufacture or any other reputed firm including cost of lead yarn, fuel and tools etc. (a) 100 mm internal diameter (1.13 Kg.) (b) 75 mm internal dia meter (0.91 Kg.)	@ Rs. 33.50 (Rs. Thirty three & paisa fifty only) @ Rs. 27.50 (Rs. Twenty seven & paisa fifty only)	Each Each
22/30.88	02 nos.	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	@ Rs. 12.50 (Rs. twelve and fifty only)	Each
23/30.89(b)	07 nos.	Providing and fixing HCI floor traps ISI marked of the self cleaning design with C.P. without vent arm and including cement concrete 1:2:4 under and around the floor trap where required up to 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 50 mm. (a) with 50 mm i/d outlet	@ Rs. 105.00 (Rs. One hundred five only)	Each

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Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
24/30.91	05 nos. 01 no. 05 nos. 05 nos.	P/F in position HCI specials for soil, waste vent or antisiphonage 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 100 mm i/d pipes (i) Heal rest bend (xvi) Cowls (xxii) Collars (b) for 75mm i/d pipes xviii) Collars	@ Rs. 58/- (Rs. fifty eight only) @ Rs. 36.50 (Rs. thirty six and paisa fifty only) @ Rs. 27.50 (Rs. twenty seven and paisa fifty only) @ Rs. 22.50 (Rs. twenty two and paisa fifty only)	Each Each Each Each
25/30.93(c)	09 nos.	Providing and fixing lead inlet connection with brass union for flushing and warning pipes complete in all respects. (c) 15mm alkathene pipe inlet connections.	@ Rs. 10.50 (Rs. ten and paisa fifty only)	Each
26/30.95(a)	20 mtrs.	Cutting chase in brick walls in cement or in floor for embedded G.I. or HCI pipe lines and making good the same to its original condition (a) size 75 mm x 75 mm	@ Rs. 6.00 (Rs. Six only)	Per mtr
27/30.106	10 mtrs. 10 mtrs.	Painting G.I. pipes and specials with 1 st and 2 nd quality synthetic enamel paint in all shades on existing or new work two coats paints including cleaning rubbing surface etc. (a) 15mm and 20mm i/d of pipes and specials (b) 25mm and 32mm i/d of pipes and specials	@ Rs. 6.65 (Rs. six and paisa sixty five only) @ Rs. 8.65 (Rs. eight and paisa sixty five only)	Per 10 metres Per 10 metres

Contd...P/15...

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
28/30.110(b)	02 nos.	Providing and fixing in position automatic brass ball valves in tanks. (b) with plastic ball (ii) 20mm internal diameter	@ Rs. 48/- (Rs. forty eight only)	Each
29/30.114(b)	04 nos.	Providing and fixing in position gully traps fixed in cement concrete 1:4:8 with HCI grating 150mmx150mm cast iron cover weighing approximately 7.26 kg. and frame clear opening 300mmx300mm and chamber including cement mortar 1:5 cement concrete 1:8:16 in foundations, and cement concrete 1:2:4 in coping with three coats paint as per standard design. (b) 100mm internal diameter HCI gully trap.	@ Rs. 208/- (Rs. two hundred eight only)	Each
30/28.18(b)	20 mtrs. 20 mtrs. 10 mtrs.	Labour for laying jointing, fixing and testing G.I./PVC/W.I pipe lines and specials tee, bends, sockets elbows etc inside building and testing etc complete including cutting threading (b) Excluding cost of specials (i) 15mm diameter of pipeline (ii) 20mm diameter of pipeline (iii) 25mm diameter of pipeline	@ Rs. 7.25 (Rs. seven and paise twenty five only) @ Rs. 8.60 (Rs. eight and paise sixty only) @ Rs. 9.60 (Rs. nine and paise sixty only)	Per metre Per metre Per metre
31/28.19(c)	30 mtrs.	Labour for laying, jointing, fixing and testing G.I./P.V.C./W.I. pipe lines and specials tees bends, sockets, elbows etc. in trenches in the ground, cutting, threading and testing etc. complete. (c) 25mm internal diameter	@ Rs. 1.95 (Rs. one and paise ninety five only)	Per mtr.

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
32/6.9(a)	17.85 cum	Excavation for pipelines running under pressure in trenches and pits, in streets and lanes including trimming and dressing sides, leveling of beds of trenches to correct grade, cutting joint holes, cutting trees and bushes, etc. refilling consolidation and watering of refill, in 156 cm layers and restoration of unmetalled or unpaved surface to its original condition, including the cost of dewatering of rain water, diversion of traffic, night signals, fixing caution boards, crossing over trenches for access to the houses, watching, fencing etc. and disposal of surplus soil outside and inside the town, involving lead upto one km in ordinary soil:- (a) Without timbering and shoring upto 1.5 metres depth	@ Rs. 1,183/- (Rs. one thousand one hundred eighty three only)	Per 100 cum
33/28.24	05 nos. 04 nos.	Cutting holes upto 23 cm through stone masonry or brick work in cement walls for pipes and making good including re-pointing, re-plastering and finishing according to existing finish where required. (a) 11.43 cm thickness of walls (b) 22.86 cm thickness of walls	@ Rs. 14/- (Rs. fourteen only) @ Rs. 20.35 (Rs. Twenty & paisa thirty five only)	Each Each
34/28.26	03 nos.	Cutting holes upto 23 cm square for pipes in floor and roofs of cement concrete reinforced concrete or reinforced brick work and making good including re-pointing, re-plastering, replacing bitumen and colour or white washing where required. (b) 115mm thickness of floor	@ Rs. 11.95 (Rs. eleven and paisa ninety five only)	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
35/28.28	20 nos.	Fixing galvanized malleable iron holer bats hold fasts to pipe lines fixed on walls and ceilings including all cuttings to walls and making good to original condition. (a) 15mm internal diameter of pipeline	@ Rs. 2.05 (Rs. two and paisa five only)	Each
	20 nos.	(b) 20mm internal diameter of pipeline	@ Rs. 2.05 (Rs. two and paisa five only)	Each
36/28.29	04 nos.	Fixing and jointing gun metal peet valves (heavy pattern) with hand wheels, on G.I. pipelines laid in the ground or inside building including cartage from divisional stores or nearest railway station to site of works. (b) 20mm internal diameter	@ Rs. 2.80 (Rs. two and paisa eighty only)	Each
	02 nos.	(c) 25mm internal diameter	@ Rs. 3.05 (Rs. three and paisa five only)	Each
37/28.34	01 no	Making connection with existing G.I. branch upto 40mm size including cutting and threading pipe etc. complete excluding cost of tee and long screw, but including cartage of material to site.	@ Rs. 23.85 (Rs. twenty three and paisa eighty five only)	Each
38/28.21	04 nos.	Extra for fixing and jointing union couplings in G.I. and W.I. pipelines. (a) 15mm internal diameter	@ Rs. 0.85 (Paisa eighty five only)	Each
	04 nos.	(b) 20mm internal diameter	@ Rs. 1.05 (Rs. one and paisa five only)	Each
	03 nos.	(c) 25mm internal diameter	@ Rs. 1.30 (Rs. one and paisa thirty only)	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
39/6.10	12.28 cum	Excavation of trenches in streets, lanes or in open areas for storm sewer, sewers running by gravity and manholes to full depths as shown in drawings including shoring, timbering of poling boards, frame system type, dressing to correct sections and dimensions, according to templates and levels, dewatering, provision for diversion of traffic, cutting trees and bushes etc night signals, profiles, pegs, sight rails, bonding rods crossing over trenches for access to the houses, watching , fencing etc. fixing and maintenance of caution boards, refilling of trenches, watering of refill, in 15 cm layers, ramming and restoration of unmetalled or unpaved surface to original site of work upto a lead of 1 KM in ordinary soil. (a) for depths of excavation not exceeding 3 meters below ground level	@ Rs. 1,919.00 (Rs one thousand nine hundred nineteen only)	Per 100 cum
40/10.29	1.91cum	(D) Cement Concrete: Cement concrete 1:8:16 with stone aggregate 20mm nominal size in foundation and plinth	@ Rs. 336.25 (Rs. three hundred thirty six and paisa twenty five only)	Per cum
41/29.38(b)	15.24 mtrs.	Lowering salt glazed stoneware pipes and specials into trenches for all depths and laying out the same to correct alignment gradient, level etc. in trenches including all dressing and trimming of bed and sides of trenches, if required, trimming and cutting of concrete beds and joint holes, supporting the pipes and specials, in correct position in a suitable rigid manner while the same are being jointed and until the surrounding benching haunching and envelopes are completed. The sewer shall rest on the bed at every point throughout its length and to ensure this, it shall be grouted in without extra charge by	@ Rs. 37/- (Rs. thirty seven only)	Per 10 mtr. of completed sewer

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
		the contractor with lime surkhi mortar, in the case of lime concrete beds and 1:3 cement sand mortar in the case of cement concrete beds including cartage from Divisional Store or nearest Railway station to site of work. The internal diameter of sewer being:- (b) 150mm		
42/29.39	25 nos.	Jointing and fixing salt glazed stoneware pipes and specials in trenches using cement sand mortar 1:1 and best white Italian tarred hemp/yarn including finishing and troweling of each joint at an angle of 45 degrees with the longitudinal axis of the pipes, watering, keeping the joints covered and wetted till the same are cured, testing the sewer lines for leakage and making all leakages and defects good, complete as laid down in the contract specifications. The internal diameter of sewer or branch pipe being:- (b) 150mm	@ Rs. 5.45 (Rs. five and paisa forty five only)	Per joint completed
43/29.40	05 nos.	Cutting glazed stoneware pipes and specials chipping and finishing the cut surface to a uniform finish and roughing the part of the pipes, if any entering the sockets of the adjacent pipes complete, to the satisfaction of the Engineer-in-Charge of the works. The internal diameter of pipes or specials being:- (b) 150mm	@ Rs. 2.05 (Rs. two and paisa five only)	Per cut
44/29.84(c)		Constructing brick masonry inspection chamber size as given below upto 0.60 metre average depth in cement mortar 1:5 lime concrete with 40 percent lime mortar 2:3 in foundation cement concrete 1:2;4 benching 12 mm		

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Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
	04 nos.	thick cement plaster 1:2 with a floating coat of 1 mm thick of neat cement RCC1:2:4 slab 100 mm thick/C.C. topping, 50 mm thick with 455 mm x 455 mm/455mmx610 mm inside light duty C.I. inspection chamber cover and frame weight as per I.S. specification painted with 3 coats of black bitumastic superior paint complete as per standard design. (c) size 600 mm x 900 mm inside (with 455 mm x 455 mm cover and frame light duty single seal weighing 20 kg with RCC slab)	@ Rs. 690.00 (Rs. Six hundred ninety only)	Each

DNIT for the work “Construction of car shed and toilet-cum-office block near the proposed Cricket ground in MDU, Rohtak-- E.I”

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
1/31.12(a)xv	01 no.	(a) Main Switches Supply & erection of metal clad switches/BDBS with rag bolts on wall or on existing angle iron board/pedestal including bonding to earth and necessary connection :- (xv) Triple pole switch with neutral link 63 amp. 415 volts. (Cat-B)	@ Rs. 521/- (Rs. five hundred twenty one only)	Each
2/31.12(vi)	01 no.	(d) Sheet steel enclosure: Supply and erection of sheet steel enclosures distribution boards suitable for MCBs etc. on wall/existing board/pedestal with rag bolts including bonding to earth:- (vi) Distribution board 8 way (TPN)	@ Rs. 924/- (Rs. nine hundred twenty four only)	Each
3/31.13(ii)	07 mtr.	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 40mmx40mmx6mm	@ Rs. 46.50 (Rs. forty six and paisa fifty only)	Per metre
4/31.14	01 sq. mtr.	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.	@ Rs. 337.00 (Rs. three hundred thirty seven only)	Per sqm
5/31.16	01 no.	Supply and erection of blanking sheet in existing distribution board.	@ Rs. 2.25 (Rs. two and paisa twenty five only)	Each

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Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
6/31.17	23 nos. 01 no.	(L) Miniature Circuit Breaker and Isolator Supply and erection of miniature circuit breaker/isolator 240 / 415 V in the existing distribution board including making necessary connections:- (a) Miniature Circuit Breakers of 9 K.A. breaking capacity. (ii) 6 amp. to 32 amp. (Single Pole) (iii) 40 amp to 63 amp. (Triple pole with Neutral)	@ Rs. 95/- (Rs. ninety five only) @ Rs. 499/- (Rs. four hundred ninety nine only)	Each Each
7/31.18	01 no. 01 no. 20 nos. 50 nos.	(M) Supply and erection of fittings and accessories. (vii) call bell 220/230 volts A.C. Bakelite with double coil (x) Bed switch with 4 metres 2 core, 0.50 sqmm (16/0.20 mm) PVC flexible wire. (xi) Bakelite angle / straight button holder large size. (xxiv) Erection only of 1 x 40 watts or 2 x 40 watts 1220 mm long / 1 x 20 watts or 2 x 20 watts 610 mm long fluorescent tube fittings directly on wall including necessary connections with 0.75 sqmm (24/0.20 mm) PVC copper flexible cable for connecting the tube with the adjacent light point.	@ Rs. 21/- (Rs. twenty one only) @ Rs. 21.70 (Rs. twenty one and paisa seventy only) @ Rs. 6.20 (Rs. six and paisa twenty only) @ Rs. 10.90 (Rs. ten and paisa ninety only)	Each Each Each Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
	50 nos.	(xxvi) Supply and erection of hexagonal M.S. box 1.60 mm thick having each side 8 cms, 7.5 cms deep, top covered with M.S. lid by means of screws including 10mm dia 30 cm long mild steel rod made into suitable suspension hook and erected in R.C.C. slab for erection of fan, the bottom covered with 3 mm thick Bakelite sheet with suitable holes, painting etc. complete with all labour and material required to complete the job.	@ Rs. 26.30 (Rs. twenty six and paisa thirty only)	Each
8/31.20	60 nos.	(O) Erection and Carriage of Fans. (i) Erection of ceiling fan complete with necessary earthing of fan and regulator including carriage from local railway station/Goods transport / PWD store to the site of work.	@ Rs. 13/- (Rs. thirteen only)	Each
	04 nos.	(iii) Erection of exhaust fan complete with necessary earthing of fan and regulator including carriage from local railway station/Goods transport / PWD store to the site of work.	@ Rs. 25/- (Rs. twenty five only)	Each
	04 nos.	(v) Making suitable hole in the wall upto 450 mm sweep exhaust fan including finishing the same and fixing of wire mesh duly fixed with Deodar wood frame of section 40mm x 25mm thick.	@ Rs. 53/- (Rs. fifty three only)	Each
	04 nos.	(vi) Providing and fixing required size of deodar wood frame of section 50mm x 32mm for fixing exhaust fan upto 450mm sweep	@ Rs. 55/- (Rs. fifty five only)	Each
9/31.21	200 mtr.	(P) Pipe laying Supply & erection of pipe for wiring purposes including bends inspection boxes etc. where necessary and painting as required:- (xxi) Heavy gauge welded conduit pipe 20mm dia 1.60mm thickness flushed	@ Rs. 16.30 (Rs. sixteen and paisa thirty only)	p. mtr.
	200 mtr.	(xxii) Heavy gauge welded conduit pipe 25mm dia 1.60 mm thickness flushed	@ Rs. 19.60 (Rs. nineteen and paisa sixty only)	p. mtr.
	30 mtr.	(xxx) S/Erection of PVC pipe of 6 Kg. pressure, laid 1 metre below ground level complete including digging refilling of the trench with jointing etc :- (c) PVC pipe 65 mm dia	@ Rs. 31/- (Rs. thirty one only)	p. mtr.

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
10/31.22	02 nos.	(Q) Earthing: (i) Earthing with G.I. earth pipe 4.5 m long and 40mm dia with masonry enclosures on the top etc. as required.	@ Rs. 378/- (Rs. three hundred seventy eight only)	Each
	02 nos.	(ii) Extra for using salt and charcoal/coke for pipe earth electrode as required.	@ Rs. 125/- (Rs. one hundred twenty five only)	Each
	20 mtr.	(xii) Providing and laying earth connections from earth electrode with 4.00 mm dia G.I. wire in 15mm dia G.I. pipe from earth electrode as required.	@ Rs. 24.50 (Rs. twenty four and paisa fifty only)	Per mtr.
	40 mtr.	(xvi) Providing and fixing 4.00 dia G.I. wire on surface or in recess for loop earthing as required.	@ Rs. 3.40 (Rs. three and paisa forty only)	Per mtr.
11/31.25	150 mtr.	(S) Under Ground Cables Supply & erection of underground cable 1 metre below ground level covered with sand and bricks including necessary connections, digging and refilling of trenches. (xlii) 35 sqmm 4 core cable Armoured	@ Rs. 80.40 (Rs. eighty and paisa forty only)	Per mtr.
12/31.26	50 mtr.	Supply and erection of underground cable, loose in existing pipe or trenches complete with necessary connections : (v) 35 sqmm 4 core cable Armoured	@ Rs. 65.80 (Rs. sixty five and paisa eighty only)	Per mtr.
13/31.28	04 nos.	Supply and erection of suitable compression type brass cable glands for underground cable:- (iii) 25 sqmm to 50 sqmm Cable 2 to 4	@ Rs. 16.80 (Rs. sixteen and paisa eighty only)	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit	
14/31.36	20 nos.	Wiring in 1.5 sqmm PVC insulated copper conductor cable in 1.6mm thick conduit pipe.			
		(I) Fan point	@ Rs. 524/-	Each	
	04 nos.	(b) Medium point	(Rs. five hundred twenty four only)	@ Rs. 733/-	Each
		(c) Long point	(Rs. seven hundred thirty three only)		
	10 nos.	(II) Light point		@ Rs. 251/-	Each
		(a) Short point	(Rs. two hundred fifty one only)	@ Rs. 433/-	Each
	30 nos.	(b) Medium point	(Rs. four hundred thirty three only)	@ Rs. 639/-	Each
		(c) Long point	(Rs. six hundred thirty nine only)		
	03 nos.	(VII) 3-pin 5 amp. plug point including earthing the 3 rd pin etc.		@ Rs. 283/-	Each
		(a) Short point	(Rs. two hundred eighty three only)	@ Rs. 466/-	Each
(b) Medium point		(Rs. four hundred sixty six only)	@ Rs. 664/-	Each	
03 nos.	(c) Long point	(Rs. six hundred sixty four only)			
05 nos.	VIII) 3-pin 15 amp plug point with 4 sqmm PVC insulated copper conductor cable including earthing the 3 rd pin etc.		@ Rs. 970/-	Each	
	(c) Long point	(Rs. nine hundred seventy only)			
15/31.40	1500 mtr.	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 (3/0.81 mm)	@ Rs. 10.20	Per metre	
			(Rs. ten and paisa twenty only)		

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
	1500 mtr.	(ii) Cable size 2.5sqmm (3/1.05 mm)	@ Rs. 16.30 (Rs. sixteen and paisa thirty only)	Per mtr.
	300 mtr.	(iii) Cable size 4 sqmm (7/0.85mm)	@ Rs. 24.50 (Rs. twenty four and paisa fifty only)	Per mtr.
	10 mtr.	(v) Cable size 16 sqmm (7/1.70 mm)	@ Rs. 50/- (Rs. fifty only)	Per mtr.
16/31.45	36 nos.	Supply and erection of copper lugs including crimping etc. upto the entire satisfaction of Engineer-in-Charge of the work: (a) 1.5 sqmm to 2.5 sqmm	@ Rs. 4.80 (Rs. four and paisa eighty only)	Each
	10 nos.	(b) 4 sqmm to 6 sqmm	@ Rs. 6/- (Rs. six only)	Each
	80 nos.	(f) 35 sqmm	@ Rs. 21.70 (Rs. twenty one and paisa seventy only)	Each
17/31.53	10 nos.	Supply and erection of 50mm diameter 1.5 mtr. long G.I. bracket (B-Class) making an angle 10 to 15 degree with horizontal plane for mounting street light fitting on G.I.bracket on wall with 2 nos. 50 mm x 3mm thick MS flat including cost of cutting welding of G.I. pipe complete with cement sand mixture bolts and nuts etc. including making necessary connection with all labour and material required to complete the job in all respect up to the entire satisfaction of Engineer-in-Charge of the work.	@ Rs. 600/- (Rs. six hundred only)	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
18/31.54	10 nos.	Supply and erection of street light luminaire 2 x 28 watts energy saving fitting suitable for two nos. 28 watts %-5 tube light including the cost of standard accessories as supplied by the manufacturer with the fitting and cost of two nos. 28 watts tube rod including the erection of fitting and making necessary connection with required material to complete the job in all respect.	@ Rs. 1740/- (Rs. one thousand seven hundred forty only)	Each
19/31.55	60 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. upto the entire satisfaction of the Engineer-in-Charge of the work.	@ Rs. 195/- (Rs. one hundred ninety five only)	Each
20/31.67	175 mtr.	Supply and erection of mark double walled corrugated (DWC) HDPE pipe laid 1 mtr. below ground level including digging and refilling of earth including cost of suitable size socket /coupler for HDPE pipe including the cost of labour and material required to complete the job in all respect upto the entire satisfaction of Engineer-in-Charge of the work. (i) HDPE pipe 63/50 mm outer dia /inner dia	@ Rs. 95/- (Rs. ninety five only)	Per meter
21/NS	01 no.	Supply and erection of 3 phase 4 wire digital energy meter "Genous" make 10-60 amp. in existing pedestal approved make of UHBVN with all petty material required to complete the job as per satisfaction of Engineer-in-Charge.	Rate to be quoted by the contractor	Each
22/NS	50 nos.	S/E of 1x28 watt TL-5 tube fitting (TMS 122 M 1xTL-528 watt EBT) complete with 28 watt tube Rod Philips make on existing hanging Rods/on existing wall including connection etc. Complete in all respect and entire satisfaction of Engineer-In-charge	Rate 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 Plaza/ Havells/Polycabe make and no extra payment will be allowed on this account.

DETAILED NOTICE INVITING TENDER

Name of work “Construction of Animal House in MDU, Rohtak”

**App. Amt. Rs. 30,00,000/-
Earnest Money Rs.60,000/- / Rs. 30,000/-
Time Limit: 05 months**

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
1/6.2(b)	313 cum	Earth work excavation in ordinary soil exclusive of compensation of earth: (a) earth work undressed with a combined lead upto 15 metres including breaking of clods.	@ Rs.586.60 (Rs. five hundred eighty six and paisa sixty only)	Per 100 cum
2.10.39	32 cum	Cement concrete 1:4:8 with stone aggregate 40 mm nominal size in foundation and plinth.	@ Rs. 403.10 (Rs. four hundred three and paisa ten only)	Per cum
3/18.22	120 qtl.	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	@ Rs. 917.05 (Rs. Nine hundred seventeen & paisa five only)	Per qtl.
4/10.90 + 10.95(a)	64 cum	Cement concrete 1:1½:3 instead of cement concrete 1:2:4 with stone aggregate 20mm nominal size for reinforced concrete work in footings, strips, foundations, beams, rafts, pedestals and approach slabs of bridges etc., excluding steel reinforcement but including centering and shuttering, laid in position, complete in all respects, (for work upto 1.5 metres below ground level.)	@ Rs.774/- (Rs. seven hundred seventy four only)	Per cum
5/10.86 + 10.95(a)	36 cum	Cement concrete 1:1½ :3 with stone aggregate 20 mm nominal size for reinforced concrete work for walls exceeding 20 cm thickness (straight and curved) beams, girders, stairs, columns, (straight or rectangular) battens and lintels etc. excluding steel reinforcement but including centering and shuttering , laid in position, complete in all respects. (a) extra over item nos. 10.79 to 10.94, if 1: 1½:3 mix is used instead of 1:2:4 (i) 1 st storey	@ Rs. 1188.75 (Rs. One thousand one hundred eighty eight & paisa seventy five)	Per cum

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
	06 cum	(ii) 2 nd storey	@ Rs. 1196.05 (Rs. one thousand one hundred ninety six and paisa five only)	Per cum
6/11.2	21 cum	First class brick work laid in cement sand mortar 1:6 in foundation and plinth	@ Rs. 393.45 (Rs. three hundred ninety three & paisa forty five only)	Per cum
7/10.114	11 sqm	Damp proof course 40 mm thick of cement concrete 1:2:4 using stone aggregate 20 mm nominal size with 2 coats of bitumen 20/30 penetration at 1.65 Kg per sqm laid hot and sanded	@ Rs. 35.05 (Rs. Thirty five & paisa five only)	Per sqm
8/11.7	38 cum	First class brick work laid in cement sand mortar 1:6 in first storey upto 4 meters above plinth level. i) 1 st storey	@ Rs. 414.45 (Rs. Four hundred fourteen & paisa forty five only)	Per cum
	25 cum	ii) 2 nd storey	@ Rs. 422.70 (Rs. four hundred twenty two and paisa seventy only)	Per cum
	02 cum	iii) 3 rd storey	@ Rs. 430.95 (Rs. four hundred thirty and paisa ninety five only)	Per cum
9/6.6	9 cum	Earth work in excavation in foundations, trenches, etc in all kinds of soils, not exceeding meters 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 with in a leadoff 30 meters	@ Rs. 1108.10 (Rs. One thousand one hundred eight & paisa ten only)	Per % cum

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Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
10/18.34	55 mtr. 56 mtr. 107 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:- (a) door & window frames of size 89 mm x 50 mm with 40 mm wide single rebate. (b) door & window frames of size 76 mm x 38 mm with 35 mm wide single rebate. (c) door & window frames of size 127 mm x 50 mm with 40 mm wide double rebate.	@ Rs. 71.55 (Rs. Seventy one & paisa fifty five only) @ Rs. 58.60 (Rs. fifty eight and paisa sixty only) @ Rs. 76.80 (Rs. seventy six and paisa eighty only)	Per mtr. Per mtr. Per mtr.
11/10.26	09 cum	Cement concrete 1:8:16 with brick ballast 40 mm nominal size in foundation and plinth	@ Rs. 300.20 (Rs. Three hundred & paisa twenty only)	Per cum
12/18.16	2 sqm	Providing and fixing G.I. sheet 0.80 mm thick garage doors, with 40mm x 40mm x 6mm angle iron frame with diagonal braces, 3mm thick gusset plates at the junctions, hooks at the top and 25mm dia, pulleys, & T-iron 50mm x 50mm x 6mm guides at bottom including locking arrangements with handles and pintles, etc. complete	@ Rs. 424/- (Rs. four hundred twenty four only)	Per sqm
13/15.7	84 sqm 25 sqm	12 mm thick cement plaster 1:6 i) 1 st storey ii) 2 nd storey	@ Rs. 10.65 (Rs. Ten & paisa sixty five only) @ Rs. 10.83 (Rs. ten and paisa eighty three only)	Per sqm Per sqm

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
14/14.89	215 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 st quality) of reputed manufacturer like NITCO, KAJARIA, SOMANI, ORIENT && JOHNSONS	@ Rs. 924.30 (Rs. Nine hundred twenty four and paisa thirty only)	Per sqm
15/10.82 + 10.95(a)	33 cum	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 reinforcement, but including centering and shuttering, laid in position, complete in all respects. i) 1 st storey	@ Rs. 1,084.80 (Rs. one thousand eighty four and paisa eighty only)	Per cum
	03 cum	ii) 2 nd storey	@ Rs. 1092.10 (Rs. one thousand ninety two and paisa ten only)	Per cum
16/11.53	90 sqm	11.43 cm thick brick wall laid in cement stone dust (from crusher) mortar 1:4 in superstructure.	@ Rs. 57.35 (Rs. fifty seven and paisa thirty five only)	Per sqm
17/14.9	278 sqm	Conglomerate floor 40 mm thick cement concrete topping 1:2:4 i) 1 st storey	@ Rs. 31.50 (Rs. Thirty one & paisa fifty only)	Per sqm
	10 sqm	ii) 2 nd storey	@ Rs. 31.80 (Rs. Thirty one & paisa eighty only)	Per sqm
18/18.12	08 qtl.	Wrought iron and mild steel (using angles, flats, square bars, tees and channels) ladders, grills, grating frames, window guard , iron doors openable or fixed stair case 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	@ Rs. 1,040.35 (Rs. One thousand forty & paisa thirty five only)	P.qtl
19/14.1	215 sqm	Base course of floors consisting of 100 mm thick concrete 1:8:16 and 100 mm sand or stone filling	@ Rs. 36.95 (RS. Thirty six & paisa ninety five only)	Per sqm

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
20/15.52	247 sqm	10 mm thick cement plaster 1:4 i) 1 st storey	@ Rs. 12.65 (Rs. Twelve and paisa sixty five)	Per sqm
	18 sqm	ii) 2 nd storey	@ Rs. 12.83 (Rs. twelve and paisa eighty three only)	Per sqm
21/15.5	125 sqm	(A) Plastering on walls. 12 mm thick cement plaster 1:4 i) 1 st storey	@ Rs. 12.70 (Rs. Twelve & paisa seventy only)	P.sqm
	10 sqm	ii) 2 nd storey	@ Rs. 12.88 (Rs. Twelve & paisa eighty eight only)	Per sqm
22/15.12	215 sqm	15 mm thick cement plaster 1:6 on the rough side of single or half brick wall i) 1 st storey	@ Rs. 13.10 (Rs. Thirteen & paisa ten only)	Per sqm
	150 sqm	ii) 2 nd storey	@ Rs. 13.28 (Rs. Thirteen & paisa twenty eight only)	Per sqm
23/13.13	248 sqm	Terracing consisting of tiles 22.86 cm x 11.43 cm x 3.81 cm laid over 87.50 mm mud filling on a layer of 25 mm mud plaster and another 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 1:3 and top surface to be left clean etc. i) 1 st storey	@ Rs. 52.95 (Rs. fifty two and paisa ninety five only)	Per sqm
	14 sqm	ii) 2 nd storey	@ Rs. 53.95 (Rs. fifty three and paisa ninety five only)	Per sqm
24/14.4	9 sqm	Screed of 50 mm of thick cement concrete 1:8:16 to be laid below the topping (3 rd storey)	@ Rs. 15.65	Per sqm

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
25/13.64	105 sqm	Cement concrete 1:2:4 gola 10 cm x 10 cm quadrant along junction of roof with parapet wall finished smooth where specially specified.	@ Rs. 5.35 (Rs. five and paisa thirty five only)	Per mtr.
26/13.45	25 mtr.	Providing and fixing cast iron rain water non pressure pipe, ISI mark with ears with screw and wooden plugs fixed on wall face including filling joints with spun-yarn and cement mortar 1:2 excluding head and shoe, etc. (a) 100mm dia pipe	@ Rs. 88.25 (Rs. eighty eight and paisa twenty five only)	Per metre
27/13.49(a)	14 nos.	Providing and fixing C.I. plain bends in position with gutter etc. (a) for 100mm dia pipe	@ Rs. 57.45 (Rs. fifty seven paisa forty five only)	Each
28/17.90(b)	33 sqm	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)- (b) 35mm thick	@ Rs. 424.15 (Rs. four hundred twenty four and paisa fifteen only)	Per sqm

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
29/17.92(ii)	35 sqm	Factory manufactured wire gauze door and 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 wire gauze of 140 G or 120 G designation including cost of iron hinges, screws, chock/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 (b) 35mm thick	@ Rs. 335.70 (Rs. three hundred thirty five and paisa seventy only)	Per sqm
30/10.81	01 cum	Cement concrete 1:2:4 with stone aggregate 20mm nominal size for reinforced concrete work in Shelves excluding steel reinforcement, but including centering and shuttering, laid in position, complete in all respects.	@ Rs. 947.70 (Rs. nine hundred forty seven and paisa seventy only)	Per cum
31/14.62	23 sqm 05 sqm	Kota stone flooring 34 mm to 40mm thick in any pattern as specified over 12mm thick base of cement coarse sand mortar 1:3 laid and jointed with neat cement slurry mixed with pigment to match the shjade of stone including rubbing and polishing i) 1 st storey ii) 2 nd storey	@ Rs. 201.95 (Rs. two hundred one and paisa ninety five only) @ Rs. 202.25 (Rs. two hundred two and paisa twenty five only)	Per sqm Per sqm

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Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
32/14.66	9 sqm	Kotah stone 20mm thick in skirting risers of steps, dados and wall facing (lining) and pillars laid on 12mm thick cement coarse sand plaster 1:3 laid and jointed with neat cement slurry, mixed with pigment to match the shade of stone including rubbing and polishing including labour for fixing cramps, dowels and pins etc.	@ Rs. 237/- (Rs. Two hundred thirty seven only)	Per sqm
33/5.2(b)	313 cum	Carriage of materials (metalled roads), lead more than 0.48 KM excluding loading, unloading and stacking. (lead 2 KM) (b) earth work(1 KM)	@ Rs. 12/- (Rs. twelve only)	Per cum
34/4.1(a)	374 cum	(a) stone (building or pitching), sand, bajri, shingle, spalls, brick-bats, brick ballast and stone metal (Loading and unloading)	@ Rs. 4.75 (Rs. four and paisa seventy five only)	Per cum
35/14.65(LR)	40 mtr.	Extra for nosing in treads of steps of Kotah stone slab.	@ Rs. 6.10 (Rs. six and paisa ten only)	Per metre
36/17.95	336 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
37/17.97(b)	17 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.	@ Rs. 780.30 (Rs. seven hundred eighty and paise thirty only)	Per sqm
38/17.98(b)	21 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 glass panes of 5.00 mm thickness	@ Rs. 700.00 (Rs. Seven hundred only)	Per sqm
39/17.99(a)	02 nos.	Providing and fixing double action hydraulic floor spring of approved brand and manufacture IS: 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 paise fifty only)	Each
40/17.93(a)iii - 17.18		Factory manufacture solid flush door shutter with block board core as per I.S. no. 1659-1969 boarded with water proof type phenol formaldehyde synthetic resin hot pressed conforming to IS 2202 part-I and part II, fixed in position, including iron hinges, screws, chocks/cleats and stops etc (excluding the cost of any fittings other than specified above , but including labour for fixing the same in position) (a) commercial veneering with vertical grains or cross bands and face veneer on both sides commercial facing with laminated core and lipped edges:-		

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
	19 sqm	i) 25mm thick	@ Rs. 387.15 (Rs. three hundred eighty seven and paisa fifteen only)	Per sqm
	11 sqm	iii)35mm thick	@ Rs. 436.15 (Rs. four hundred thirty six and paisa fifteen only)	Per sqm
41/15.71	248 sqm	Cement pointing 1:2 flush on flat brick flooring. i) 2 nd storey	@ Rs. 6.08 (Rs. six and paisa eighty only)	Per sqm
	14 sqm	ii) 3 rd storey.	@ Rs. 6.26 (Rs. six and paisa twenty six only)	Per sqm
42/13.50	07 nos.	Top khurra 0.6 m x 0.6 m for rain water pipe in 25 mm thick cement concrete 1:2:4 over 50 mm thick cement concrete 1:8:16	@ Rs. 12.30 (Rs. Twelve & paisa thirty only)	Each
43/16.9	50 sqm	Applying priming coat with metal primer on new steel or iron work including preparation of surfaces	@ Rs. 2.95 (Rs. Two & paisa ninety five only)	Per sqm
44/16.1	60 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
45/16.2	60 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
46/16.3	110 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
47/14.79(b)	50 mtr.	Providing and fixing glass strips, 4mm thick in floors. (b) 32mm wide	@ Rs. 3.15 (Rs. three and paisa fifteen only)	Per metre

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
48/17.83	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
	09 nos.	(ii) size 250mm x 16 mm	@ Rs. 40.30 (Rs. forty and paisa thirty only)	Each
49/17.72	47 sqm	Cost of aluminum fittings complete for doors and windows , such as tower bolts, handles, etc and screws for these fittings (excluding sliding bolts) (a) for single leaf shutter	@ Rs. 17.80 (Rs. seventeen and paisa eighty only)	Per sqm
	24 sqm	(b) for double leaf shutter	@ Rs. 27.45 (Rs. twenty seven and paisa forty five only)	Per sqm
50/14.10	70 sqm	Conglomerate floor 50mm thick cement concrete topping 1:2:4.	@ Rs. 37.60 (Rs. thirty seven and paisa sixty only)	Per Sqm
51/15.60	18 sqm	Cement pointing 1:2 deep variety on brick and tile work. i) 1 st storey	@ Rs. 9.90 (Rs. Nine and paisa ninety only)	Per sqm
	95 sqm	ii) 2 nd storey	@ Rs. 10.08 (Rs. ten and paisa eight only)	Per sqm
	05 sqm	iii) 3 rd storey	@ Rs. 10.20 (Rs. ten and paisa twenty only)	Per sqm
52/16.79 (b)	288 sqm	Providing two coats of exterior acrylic emulsion paint. b) 1 st quality.	@ Rs. 48.75 (Rs. forty eight and paisa seventy five only)	Per Sqm

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
53/16.52	744 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
54/16.58	744 sqm	Distemping with washable oil bound distemper (of approved manufacturer) two coats over one priming coat on new work	@ Rs. 9.10 (Rs. Nine & paisa ten only)	P.sqm
55/17.49(b)	08 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) 19mm thick	@ Rs. 218.60 (Rs. two hundred eighteen and paisa sixty only)	Per sqm
56/18.30(b)	09 sqm	Supplying and fixing glass panes including special metal sash putty of approved make: (b) glass panes 4mm thick, exceeding 40sq dm areas	@ Rs. 115.40 (Rs. one hundred fifteen and paisa forty only)	Per sqm
57/17.79(b)	06 nos.	Providing and fixing helical door spring 150 mm (superior quality) including necessary screws, complete. (b) iron	@ Rs. 23.85 (Rs. twenty three and paisa eighty five only)	Each
58/14.90	07 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 st quality) of reputed manufacturer like NITCO, KAJARIA, SOMANI, ORIENT && JOHNSONS	@ Rs. 929.80 (Rs. Nine hundred twenty nine and paisa eighty only)	Per sqm

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
59/14.91	09 sqm	Providing and fixing coloured floor tiles 400x400x400mm with 20mm thick C.M. 1:3	@Rs. 624/- (Rs. six hundred twenty four only)	Per sqm
60/16.25	280 sqm	Applying priming coat with cement primer in all shades on newly plastered or concrete exterior surfaces	@ Rs. 4.15 (Rs. four and paisa fifteen only)	Per sqm
61/NS	400 cum	Supply and filling tibba sand under floor including leveling, dressing, watering and compaction etc. complete as per instructions and satisfaction of Engineer-in-Charge.	Rate to be quoted by the contractor	Per cum
62/NS	12 mtr.	Providing and fixing stainless steel railing grade 304 3'-6" high as per instructions and satisfaction of Engineer-in-Charge.	Rate to be quoted by the contractor	Per mtr.

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Name of work “Construction of Animal House in MDU, Rohtak-E.I.”

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
1/31.12(a)	01 no.	(a) Main Switches Supply & erection of metal clad switches/BDBS with rag bolts on wall or on existing angle iron board/pedestal including bonding to earth and necessary connection :- (xvii) Triple pole switch with neutral link 200 amp. 415 volts. (Cat-A)	@ Rs. 2,646/- (Rs. two thousand six hundred forty six only)	Each
2/31.13	08 mtr.	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 40mmx40mmx6mm	@ Rs. 46.50 (Rs. forty six and paisa fifty only)	Per metre
3/31.14	01 sqm.	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.	@ Rs. 337.00 (Rs. three hundred thirty seven only)	Per sqm
4/31.15	08 nos.	(K) Distribution board with plug and Socket S/Erection of sheet steel enclosures 2 pole/3 pole with earth plug and socket suitable for incorporating single pole/triple pole MCB on wall/on existing pedestal complete with necessary connection etc. (ii) SPN enclosure for single pole MCB 20 amp.	@ Rs. 293.00 (Rs. Two hundred ninety three only)	Each
5/31.17	29 nos.	(L) Miniature Circuit Breaker and Isolator Supply and erection of miniature circuit breaker/isolator 240 / 415 V in the existing distribution board including making necessary connections:- (ii) 6 amp. to 32 amp. (Single Pole)	@ Rs. 95/- (Rs. ninety five only)	Each

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Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
	08 nos.	(iii) 40 amp to 63 amp. (Single pole with Neutral)	@ Rs. 240/- (Rs. two hundred forty only)	Each
	01 no.	(iii) 40 amp to 63 amp. (Triple pole with Neutral)	@ Rs. 499/- (Rs. four hundred ninety nine only)	Each
6/31.18	08 nos.	(M) Supply and erection of fittings and accessories. (xi) Bakelite angle/straight button holder large size.	@ Rs. 6.20 (Rs. six and paisa twenty only)	Each
7/31.21	05 mtr.	(P) Pipe laying Supply & erection of pipe for wiring purposes including bends inspection boxes etc. where necessary and painting as required:- (xv) Heavy gauge welded conduit pipe 20mm dia 1.60mm thickness on surface.	@ Rs. 14.90 (Rs. fourteen and paisa ninety only)	Per metre
	05 mtr.	(xvi) Heavy gauge welded conduit pipe 25mm dia 1.60mm thickness on surface.	@ Rs. 18.40 (Rs. eighteen and paisa forty only)	Per metre
	50 mtr.	(xxi) Heavy gauge welded conduit pipe 20mm dia 1.60 mm thickness flushed	@ Rs. 16.30 (Rs. sixteen and paisa thirty only)	Per metre
	100 mtr.	(xxii) Heavy gauge welded conduit pipe 25mm dia 1.60 mm thickness flushed	@ Rs. 19.60 (Rs. nineteen and paisa sixty only)	Per metre
	12 mtr.	(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 80mm dia	@ Rs. 42/- (Rs. forty two only)	Per metre
8/31.22	02 nos.	(Q) Earthing (iv) Earthing with tinned copper earth plate 600mm x 600mm x 3 mm thick including accessories and providing masonry enclosures with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) etc. complete as required.	@ Rs. 1,149/- (Rs. one thousand one hundred forty nine only)	Each
	02 nos.	(v) Extra for charcoal or coke and salt for G.I. plate or copper plate earth electrode.	@ Rs. 186/- (Rs. one hundred eighty six only)	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
	20 metre	(x) Providing and fixing 25mm x 5mm copper strip in 40mm dia G.I. pipe from earth electrode as required.	@ Rs. 155/- (Rs. one hundred fifty five only)	Each
	10 metre	(xiv) Providing and fixing 25mm x 5mm copper strip on surface or in recess for connections etc. as required with all labor and material.	@ Rs. 117/- (Rs. one hundred seventeen only)	Per mtr.
9/31.25	80 metre.	(S) Under Ground Cables Supply & erection of underground cable 1 metre below ground level covered with sand and bricks including necessary connections, digging and refilling of trenches. (xxviii) 70 sqmm 3½ core cable (Armoured)	@ Rs.115/- (Rs. one hundred fifteen only)	Per metre
10/31.26	20 metre	Supply and erection of underground cable, loose in existing pipe or trenches complete with necessary connections : (xxviii) 70 sqmm 3½ core cable (Armoured)	@ Rs. 100.30 (Rs. one hundred and paisa thirty only)	Per metre
11/31.28	02 nos.	Supply and erection of suitable compression type brass cable glands for underground cable:- (iv) 70 sqmm to 95 sqmm cable 3 to 3½ core	@ Rs. 22.50 (Rs. twenty two and paisa fifty only)	Each
12/31.31	01 nos.	(U) Bus Bar Chamber (a) Copper Supply and erection of metal clad bus bar chamber made from 1.6mm thick M.S. sheet fixed with rag bolts on wall or on existing pedestal / angle iron frame including bonding to earth, detachable top and bottom painting and necessary connections etc. (Copper bars duly tinned) (iv) 200 amp. 4 bars or 55 cm each (cross section 25mm x 5mm), chamber overall size 60 cm x 45 cm x 18 cm	@ Rs. 524/- (Rs. five hundred twenty four only)	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
13/31.35	18 metre	(x) 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 metre
	02 nos.	(ix) supply and erection of aluminum lugs heavy duty including crimping etc. upto the entire satisfaction of the Engineer-in-Charge of the work. (f) 35 sqmm	@ Rs. 2.50 (Rs. two and paisa fifty only)	Each
	06 nos.	(h) 70 sqmm	@ Rs. 5.10 (Rs. five and paisa ten only)	Each
14/31.36	06 nos.	Wiring in 1.5 sqmm PVC insulated copper conductor cable in 1.60 mm thick conduit pipe. (i) fan point (b) Medium point	@ Rs. 524.00 (Rs. Five hundred twenty only)	Each
	05 nos.	(c) Long point	@ Rs. 733/- (Rs. seven hundred thirty three only)	Each
	08 nos.	(ii) light point (a) Short point	@ Rs. 251.00 (Rs. Two hundred fifty one only)	Each
	08 nos.	(b) Medium point	@ Rs. 433/- (Rs. four hundred thirty three only)	Each
	24 nos.	(c) Long point	@ Rs. 639/- (Rs. six hundred thirty nine only)	Each
	07 nos.	(vii) 3 pin 5 amp. plug point including earthing the 3 rd pin etc. (a) Short point	@ Rs. 283/- (Rs. two hundred eighty three only)	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
	18 nos.	(viii) 3 pin 15 amp. plug point with 4 sqmm PVC insulated copper conductor cable including earthing the 3 rd pin etc. (c) Long point	@ Rs. 970/- (Rs. nine hundred seventy only)	Each
15/31.40	200 mtr.	S/Erection of PVC unsheathed copper conductor cable single core 1100 volts grade in pipe of suitable size excluding cost and erection. (i) cable size 1.5 sqmm (3/0.81 mm)	@ Rs.10.20 (Rs. Ten & paisa twenty only)	Per mtr.
	200 mtr.	(ii) cable size 2.5 sqmm (3/1.05 mm)	@ Rs. 16.30 (Rs. sixteen and paisa thirty only)	Per mtr.
	100 mtr.	(iii) cable size 4sqmm (7/0.85 mm)	@ Rs. 24.50 (Rs. Twenty four & paisa fifty only)	Per mtr.
	250 mtr.	(iv) cable size 6 sqmm (7/1.05 mm)	@ Rs. 35.60 (Rs. thirty five and paisa sixty only)	Per mtr.
16/31.41	01 no.	S/E of double door sheet steel enclosure distribution board suitable for MCBs and ELBs etc. recessed in wall including bonding to earth with all labour and material required to complete the job in all respect up the entire satisfaction of Engineer-in-Charge (v) 4-way, TP&N (Horizontal) (8+12)	@ Rs. 1,670/- (Rs. one thousand six hundred seventy only)	Each
	01 no.	(vi) 8-way TP&N (Horizontal) (8+24)	@ Rs. 2,100/- (Rs. two thousand one hundred only)	Each
17/31.45	42 nos.	Supply and erection of copper lugs including crimping etc. upto the entire satisfaction of Engineer-in-Charge of the work: (a) 1.5 sqmm to 2.5 sqmm	@ Rs. 4.80 (Rs. four and paisa eighty only)	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
	32 nos.	(b) 4sqmm to 6sqmm	@ Rs. 6/- (Rs. six only)	Each
18/31.49	10000 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 upto the entire satisfaction of Engineer-in-Charge of work. (i) with 2 coats of primer	@ Rs. 0.12 (Paisa twelve only)	Per sqcm
19/31.55	11 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. upto the entire satisfaction of the Engineer-in-Charge of the work	@ Rs. 195/- (Rs. one hundred ninety five only)	Each
20/31.58	10 mtr.	Supply and erection of PVC pipe ISI marked (Medium) recessed in wall/ceiling etc. including the cost of PVC bends, inspection boxes, iron hooks and cement concrete etc. complete in all respect upto the entire satisfaction of Engineer-in-Charge of work. (ii) PVC pipe of 40mm dia	@ Rs. 56/- (Rs. fifty six only)	Per mtr.
21/NS	20 nos.	S/E of 1x28 watt TL-5 tube fitting (TMS 122 M 1xTL-28 watt EBT) complete with 28 watt tube Rod Philips make on existing ceiling /on existing wall including connection etc. and petty material required to complete the job in all respect and entire satisfaction of Engineer-In-charge	Rate to be quoted by the contractor	Each
22/NS	11 nos.	Supply and erection of ceiling fan 56" size without regulator PSPO 'Orient' make white colour on existing ceiling with petty material required to complete the job as per entire satisfaction of Engineer-in-Charge.	Rate to be quoted by the contractor	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
23/NS	04 nos.	Supply and erection of exhaust fan 15” size 1440 RPM Model Heavy duty ex-fan ‘Orient’ make on existing wall including all petty material required to complete the job with required size of ply 20mm as per entire satisfaction of Engineer-in-Charge.	Rate 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 Plaza/ Havells/Polycabe make and no extra payment will be allowed on this account.

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Name of work “Construction of Animal House in MDU, Rohtak(PHA)”

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
1/30.2	01 no.	P/Fixing in position best Indian make (to the approval of the Engineer-in-Charge) Indian type Orissa or Orya water closet suite for sinking into floor, with raised floor treads complete with 100 mm HCL ‘P’ trap with or without vent as required and all other necessary fittings as fully described in item no. 30.1 above. (a) Size 580 mm (i) white	@ Rs. 925.00 (Rs. Nine hundred twenty five only)	Each
2/30.4	01 no.	Providing and fixing in position best Indian make (to the approval of the Engineer-in-Charge) European type water closet suite with non-concealed ‘P’ or ‘S’ trap with or without vent and all other necessary fittings as fully described I item no. 30.3 (i) white	@ Rs. 901.00 (Rs. Nine hundred one only)	Each
3/30.12	02 nos.	Extra over item no.30.1 to 30.4 and 30.6 for providing & fixing 15 liters capacity below low level vitreous china ware cistern complete with flush bend all other necessary fittings instead of C.I high level cistern complete with fittings. (i) white	@ Rs. 290.00 (Rs. Two hundred ninety only)	Each
4/30.13	01 no.	Extra over item Nos. 30.3 to 30.6 for providing and fixing best Indian make plastic hygienic seat with lid complete instead of hollow black or white plastic seat and lid. (i) White plastic seat (Solid)	@ Rs. 193/- (Rs. One hundred ninety three only)	Each
5/30.54(b)	04 nos.	Providing and fixing in position best Indian make fire clay sink with complete fitting: (b) 600x450x250mm	@ Rs. 903/- (Rs. nine hundred three only)	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
6/30.41	01 no.	Providing & fixing in position best Indian make (ordinary lavatory suites vitreous chinaware R.S. or C.I. brackets 32mm C.P. brass waste with C.P 15mm C.P. brass screw down pillar tap with all fittings best Indian. All brass work chromium plated and complete in all respects including cutting and making good the walls, floors and painting of fittings etc. WHITE (iv) Size 550mm x400mm with one no. tap	@ Rs. 407/- (Rs. four hundred seven only)	Each
7/30.48	01 no.	Providing and fixing in position 32mm dia G.I. waste pipe embedded in wall	@ Rs. 98/- (Rs. ninety eight only)	Each
8/30.71(a)i	01 no.	Providing and fixing in position best Indian make beveled edge 5.5 mm thick mirror mounted on asbestos sheet ground fixed in position by means of 4 nos. chromium plated brass screws and 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 (i) 600mm x 450mm	@ Rs. 107 (Rs. one hundred seven and paisa seven only)	Each
9/30.76(a)i	04 nos.	Providing and fixing in position C.P. brass stop cocks of best quality (as required by the Engineer in charge) Parko / Sicko make. (a) 15 mm stop cock (i) stop cock male and female end	@ Rs. 101.00 (Rs. One hundred one only)	Each
10/30.93(c)	04 nos.	Providing and fixing lead inlet connection with brass union for flushing and warning pipe complete in all respect. (c) 15mm alkathene pipe inlet connection	@ Rs. 10.50 (Rs. Ten and paisa fifty only)	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
11/30.75	08 nos.	P/F in position 15 mm internal dia C.P. brass bib cocks of best quality (as required by the Engineer in charge). (a) bib cock long body	@ Rs. 116.00 (Rs. One hundred sixteen only)	Each
	02 nos.	(c) bib cock	@ Rs. 100.00 (Rs. one hundred only)	Each
12/30.45	01 no.	Providing and fixing in position best Indian make chromium plated brass 2 nd tap for lavatory suite	@ Rs. 92/- (Rs. ninety two only)	each
13/30.62	04 nos.	Providing and fixing 40mm i/d G.I. waste pipe embedded in walls or lead waste pipe weighing 4.46 kg./metre and 3.0mm thick upto floor level as required by the Engineer-in-Charge including cost of union and plumber joint.	@ Rs. 118/- (Rs. one hundred eighteen only)	Each
14/30.84	20 mtrs.	Providing and fixing in position HCI soil waste vent or antisiphonage pipes to ISI specifications of ELC 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 conditions but excluding cost of lead jointing. (a) 100 mm dia internal diameter	@ Rs. 97.50 (Rs. Ninety seven & paisa fifty)	Per mtr.
	33.50 mtrs.	(b) 75 mm dia	@ Rs. 83.00 (RS. Eighty three only)	Per mtr.
15/30.87	10 nos.	Providing lead caulked joints to HCI pipes and specials conforming to ISI specifications or ELC manufacture or any other reputed firm including cost of lead yarn, fuel and tools etc. (b) 75 mm internal dia meter (0.91 Kg.)	@ Rs. 27.50 (Rs. Twenty seven & paisa fifty only)	Each
16/30.89		Providing and fixing HCI floor traps ISI marked of the self cleaning design with C.P. without vent arm and including cement concrete 1:2:4 under and around the floor trap where required up to floor level complete in all respects including cutting and making		

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
	06 nos.	good the walls and floors etc. minimum depth of water should be 150 mm with a minimum seal of 50 mm. (b) with 75 mm i/d outlet	@ Rs. 105.00 (Rs. One hundred five only)	Each
17/30.114	02 nos.	Providing and fixing in position gully traps fixed in cement concrete 1:4:8 with HCI grating 150mmx150mm cast iron cover weighing approximately 7.26 kg. and frame clear opening 300mmx300mm and chamber including cement mortar 1:5 cement concrete 1:8:16 in foundations, fand cement concret 1:2:4 in coping with three coats paint as per standard design. (a) 100mm internal diameter HCI gully trap.	@ Rs. 208/- (Rs. two hundred eight only)	Each
18/30.91	01 no.	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 100 mm i/d pipes (i) heal rest bend	@ Rs. 58/- (Rs. fifty eight only)	Each
	01 no.	(xvi) cowls	@ Rs. 36.50 (Rs. Thirty six & paisa fifty only)	Each
	04 no.	(xxii) collars	@ Rs. 27.50 (Rs Twenty seven & paisa fifty only)	Each
	05 nos.	(b) for 75mm i/d pipes (xviii) Collars	@ Rs. 22.50 (Rs. twenty and paisa fifty only)	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
19/30.119	01 no.	P/F HDPE water storage tanks of Sintex , Diplast, O.K. make with covers/lids marked with IS: 12701 on roof top of buildings including cost of hoisting and placing in position, making connection with inlet and outlet pipes, providing overflow & scour pipe including cost of nipples, washers, flanges for connections in tanks complete in all respects to the satisfaction to the Engineer-in-Charge(Except civil work) 2000 ltr. capacity	@ Rs. 10424.00 (Rs. ten thousand four hundred twenty four only)	Each
20/28.18(b)	30 mtr. 20 mtr. 102 mtr.	Labour for laying jointing, fixing and testing G.I./PVC/W.I pipe lines and specials tee, bends, sockets elbows etc inside building and testing etc complete including cutting threading (b) Excluding cost of specials (i) 15mm internal diameter of pipeline (ii) 20mm internal diameter of pipeline (iii) 25mm internal diameter of pipeline	@ Rs. 7.25 (Rs. seven and paisa twenty five only) @ Rs. 8.60 (Rs. eight and paisa sixty only) @ Rs. 9.60 (Rs. nine and paisa sixty only)	Per mtr. Per mtr. Per mtr.
21/29.95(a)	60 mtr.	Providing, salt glazed stone ware pipes grade 'A' in standard length of 600mm each pipe marked with IS:651 and their lowering, cutting, jopinting and testing as described in HSR 29.38, 29.39, 29.40 including the cost of jointing materials as well as carriage, loading, unloading, stacking, handling, re-handling etc. complete in all respects to the satisfaction to the Engineer-in-Charge. (iii) 200mm i/d	@ Rs. 253/- (Rs. two hundred fifty three only)	Per mtr.

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
22/6.10	40 cum	Excavation of trenches in streets, lanes or in open areas for storm sewer, sewers running by gravity and manholes to full depths as shown in drawings including shoring, timbering of poling boards, frame system type, dressing to correct sections and dimensions, according to templates and levels, dewatering, provision for diversion of traffic, cutting trees and bushes etc night signals, profiles, pegs, sight rails, bonding rods crossing over trenches for access to the houses, watching , fencing etc. fixing and maintenance of caution boards, refilling of trenches, watering of refill, in 15 cm layers, ramming and restoration of unmetalled or unpaved surface to original site of work upto a lead of 1 KM in ordinary soil. (a) for depths of excavation not exceeding 3 meters below ground level	@ Rs. 1189.00 (Rs one thousand one hundred eighty nine only)	P.100 cum
23/10.26	10 cum	Cement concrete 1:8:16 with brick ballast 40 mm nominal size in foundation and plinth	@ Rs. 300.20 (Rs. Three hundred & paisa twenty only)	Per cum
24/NS	102 mtr. 20 mtr. 30 mtr.	Supply of 'Jindal' make class-B G.I. pipe as per entire satisfaction of Engineer-in-Charge. i) 25mm i/d ii) 20mm i/d iii) 15mm i/d	Rate to be quoted by the contractor Rate to be quoted by the contractor Rate to be quoted by the contractor	Per mtr. Per mtr. Per mtr.
25/NS	02 nos.	Providing and fixing of G.M. peet valve 25mm dia 'DRP' make as per entire satisfaction of Engineer-in-Charge.	Rate to be quoted by the contractor	Each