

Annexure-I

Name of Work:- Roof treatment and other Civil Work of CRB at Various 33/11 K.V. S/S Under EDD 1st & 2nd CHANDPUR Distt. Bijnor.

Sr. No.	Description of item	Quantity	Unit	Rate Rs.	Amount Rs.
1	Excavation in foundation in ordinary soil (Loam Clay or Sand) including lift upto 1.5m and lead upto 30m and including filling, watering and ramming of excavated earth into the trenches or into the space between the building and sides of the foundation work. CSI No. 4.01	50.00	Cum	198.00	9,900.00
2	Earth filling under floors and/or corporation area including cost of earth obtained from with in 8 km outside UPPCL area including its royty and carriage including watering, ramming in 20 cm layers and dressing of earth etc. all complete. CSI No. 4.10	5.00	Cum	436.00	2,180.00
3	Concrete with 4cm gauge I class brick ballast, coarse sand and cement in proportion of 12:6:1 in foundations and under floors including supply of all materials, labour and tools and plants etc. required for proper completion. CSI No. 5.01	1.00	Cum	5290.00	5,290.00
4	Concrete with 4cm gauge stone ballast, coarse sand & cement in proportion of 12:6:1 in foundations & under floors including supply of all materials, labour and tools and plants etc. required for proper completion. CSI No. 5.02	5.00	Cum	5820.00	29,100.00
5	Cement concrete with 2cm gauge approved hard stone ballast, coarse sand and cement in proportion of 4:2:1 including supply of all materials, labour, side shuttering if required and T&P etc. required for proper completion of work. CSI No. 5.06	0.50	Cum	7520.00	3,760.00
6	Precast cement concrete door sills, chaukhats boundary posts, shelves and similar small work with cement, approved coarse sand and 2 cm gauge graded approved hard stone ballast in the proportion 1:2:4, excluding reinforcement but including fixing the same in position including cost of all other material, labor and T&P. CSI No. 5.09	0.11	Cum	9081.00	998.91
7	Cement concrete with 2cm gauge approved hard stone ballast, coarse sand and cement in proportion of 3:1.5:1 including supply of all materials, labour, side shuttering if required and T&P etc. required for proper completion of work. CSI No. 5.21	0.11	Cum	7989.00	878.79
8	RCC work with cement, approved coarse sand and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc from Dalla, Jhansi or other quarries in proportion 1:1.5:3 in lintels of doors and windows , excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P. CSI No. 5.23	0.10	Cum	9205.00	920.50
9	RCC work with cement, approved coarse sand and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc from Dalla, Jhansi or other quarries in proportion 1:1.5:3 in slab , excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P CSI No. 5.24	15.00	Cum	10600.00	159,000.00
10	RCC work with cement, approved coarse sand and 2 cm gauge graded approved hard stone ballast like granite quartzite etc from Dalla, Jhansi or other quarries in proportion 1:1.5:3 in raft foundation and footings , excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P. CSI No. 5.27	1.50	Cum	8801.00	13,201.50
11	RCC work with cement, approved coarse sand and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc from Dalla, Jhansi or other quarries in proportion 1:1.5:3 in RCC T beam-slab and column , excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P. CSI No. 5.29	2.50	cum	11647.00	29,117.50

12	First class brick work in 1:6 cement and coarse sand mortar in foundation and plinth including supply of all materials, labour & T&P etc. required for proper completion of work.. CSI No 6.01	5.00	cum	4873.00	24,365.00
13	1st class brick work in 1:6 cement and coarse sand mortar in Super Structure for one Brick Thick wall including supply of all material, labour and T&P etc. required for proper completion of work. CSI No 6.01+6.07+6.08	10.00	cum	5572.00	55,720.00
14	1st class brick work in 1:4 cement and coarse sand mortar in Super Structure for half Brick Thick wall including supply of all material, labour and T&P etc. required for proper completion of work. CSI No 6.03+6.07+6.09	0.20	cum	5931.00	1,186.20
15	Brick work in foundation & plinth with old dismantled bricks (supplied by department free of cost) and coarse sand mortar in 1:6 including supply of all other materials, labour, removing mortar & cleaning of old & used bricks,T&P etc complete. CSI No 6.18	3.00	cum	2831.00	8,493.00
16	2.5 cm. thick damp proof course of cement concrete consisting of 1 part cement 1.5 parts approved coarse sand (F.M.1.8 to 2.5), and 3 parts approved 12 mm. graded stone grit and also including liquid water proofing material as approved by the Engineer-Incharge in the proportions specified by the manufacturer. CSI No 7.02	5.00	Sqm	340.00	1,700.00
17	Supply and fixing of 32 mm thick single leaf flush door shutter (boiled water resistance, phenol maldehyde resin bonded, hot pressed factory made) commercial quality to I.S.2202 part-1 (1983) ISI marked including fixing of wooden cleats and stoppers and including fixing and adjustment of hinges,bolts.locks,handles, springs and other fittings but excluding their supply including all materials, labour & T&P etc. required for proper completion of work. CSI No 8.54	5.00	Sqm	1928.00	9,640.00
18	Mild Steel or Iron work in heavy sizes such as trusses built up gates, door frames, record, racks roof work gates etc. wrought to required form including holes rivetting or welding where necessary and also fixing in proper position and alignment including cost of all materials supplied by contractor. CSI No. 9.01	0.50	M.T.	99064.00	49,532.00
19	TMT/Tor steel in plain work such as reinforced concrete or reinforced brick work (when not included in an over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage, bend, hooks and authorized overlapping shall be measured. (Steel shall be arranged by the contractor) CSI No. 9.03	1.80	M.T.	88068.00	158,522.40
20	Supply and fixing galvanised mosquito proof jali (16x24 gauge) with M.S. flat of 20 x 3 mm. size, on both sides screwed or welded to window or door frame CSI No. 9.18	150.00	Sqm	729.00	109,350.00
21	S/F welded wire mesh size 75x25mm and rectangular made out of 10 SWG over M.S. angle frame with M.S. flat welded as required including cost of drilling holes, washer welding etc as required including cost of all material, labour and T&P etc. required for proper completion of work . except cost of M.S angle and flat. CSI No. 9.22	10.00	Sqm	472.00	4,720.00
22	12 mm thick plaster with cement mortar consisting of one part of cement & four part of coarse sand (1:3), minimum thickness not to be less then 10 mm including supply of all material, labour and T&P etc for proper completion of work. CSI No. 11.06	100.00	Sqm	210.00	21,000.00
23	12 mm thick plaster with cement mortar consisting of one part of cement & four part of coarse sand (1:4), minimum thickness not to be less then 10 mm including supply of all material, labour and T&P etc for proper completion of work. CSI No. 11.07	300.00	Sqm	193.00	57,900.00
24	12 mm thick plaster with cement mortar consisting of one part of cement & six part of coarse sand(1:6),minimum thickness not to be less then 10 mm including supply of all material, labour and T&P etc for proper completion of work. CSI No. 11.09	500.00	Sqm	182.00	91,000.00
25	Add for extra labour and materials for plaster over rough face of one brick thick wall. CSI No. 11.12	250.00	Sqm	26.00	6,500.00

26	2 cm. thick cement plaster in dado or skirting in 1:2 consisting of one part of cement and two parts of approved coarse sand laid in panels finished with 3mm.floating coat of neat cement or cement and marble dust in ratio of 5:1 including supply of all materials, labour & T&P etc. required for proper completion of the work. CSI No. 11.13	50.00	Sqm	283.00	14,150.00
27	S/mixing approved water proofing compound (CICO,DR FIXIT etc) in cement mortar in plaster or concrete work in the proportion as recommended by the manufacturer.. CSI No. 11.15	100.00	Kg	47.00	4,700.00
28	Providing (12x15) mm section groove in plaster including all material, labour and T&P etc. required for proper completion of the work. CSI No. 11.16	500.00	RM	12.00	6,000.00
29	Making drip coarse (25x12) mm in 1:2 cement and coarse sand including supply of all materials, labour and T&P etc required for proper completion of work. CSI No. 11.19	10.00	RM	12.00	120.00
30	3 mm thick floating coat of neat cement finish including supply of all materials,labour and T&P etc. required for proper completion of the work.(cement consumption 0.044 bag/Sq.m.). CSI No. 11.20	30.00	Sqm	21.00	630.00
31	4.0 cm thick 1:2:4 plain cement concrete floor with cement, approved coarse sand & 2cm graded approved stone ballast laid in panels finished with 3mm floating coat of neat cement or cement and marble dust in ratio of 5:1 as specified and removing any overlapping mortar at the joints of the panels if any and giving them a uniform finish including supply of all materials, labour and T&P etc, required for proper completion of the work. without base CC. CSI No. 12.04	10.00	Sqm	414.00	4,140.00
32	First class bricks on edge floor laid dry, joints sand filled, including preparation of base to proper slope and its ramming including supply of all material labour & T&P etc. required for proper completion of the work. CSI No. 12.07	5.00	Sqm	547.00	2,735.00
33	Supply and Laying 8 to 10 mm thick glazed floor tiles of Somany, Johnson or equivalent make, , laid with 1:3 cement and approved coarse sand mortar finished with white cement slurry, jointing and polishing complete, including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 12.11	10.00	Sqm	1085.00	10,850.00
34	Supply and Laying 6 mm thick glazed tiles in skirting / dado laid with 1:3 cement and approved coarse sand mortar finished with white cement slurry, jointing and polishing complete,including supply of all materials, labour and T&P etc. completion required for proper completion of the work. CSI No. 12.12	10.00	Sqm	748.00	7,480.00
35	Providing and fixing glass strips of 3.15 mm thickness & 25mm depth in joints of floor and skirting at the time of laying floors, flush with floor level including supply of all materials, labour& T&P etc. required for proper completion of work. CSI No. 12.13	10.00	RM	30.00	300.00
36	Providing and laying 18 mm. thick Kota stone in flooring or skirting over base cement mortar 1:4 mix and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing complete and including supply of all materials labour and T&P etc required for proper completion of the work. CSI No. 12.17	5.00	Sqm	1255.00	6,275.00
37	Providing and laying floor of 8 to 10 mm thick vitrified tiles in flooring or skirting of approved brand (Bell, Johnson or equi. make) size of 600x600 mm of approved shade, colour and pattern , laid over base cement mortar 1:4 mix including finishing the joints with white cement mixed with pigment to match the shade of tile including cost of all material, labour and T&P required for proper completion of the work. CSI No. 12.18	100.00	Sqm	1336.00	133,600.00

38	Supply and laying of 80 mm thick I shaped mechanically compressed inter locking cement concrete paver block manufactured by high pressure & controlled vibration machine having plan dimension 200X(160+120 mm) with minimum 5 mm thick topping of O.P.Cement mixed with 25% marble powder. The compressive strength of concrete pavers blocks shall not be less than 30 MPa & 4.5 Kg/No. including cost of all material, labour, T&P etc. required for proper completion of work as directed by Engineer-in-charge but excluding G.S.T. which shall be paid extra as per rules. CSI No. 12.23	100.00	Sqm	1029.00	102,900.00
39	Providing and laying of 16 mm thick baroda green stone in flooring or skirting, of approved shade, colour, size and pattern, laid over base cement mortar 1:4 mix including finishing the joints with white cement mixed with pigment to match the shade of granite floor including cost of all material, labour and T&P required for proper completion of the work, as per direction of Engineer incharge. CSI No. 12.30	1.00	Sqm	1691.00	1,691.00
40	Painting or varnishing new iron work in small areas or new wood work with one coat of ready mixed priming paint and one coat of approved superior quality ready mix paint "Luxol" or equivalent brand or varnish including supply of all materials, labour and T&P etc. required for proper completion of the work. Paint to be used should conform to the I.S. 103-1950. CSI No. 13.01	300.00	Sqm	77.00	23,100.00
41	As in item 40 above but for every coat after first coat. CSI No. 13.02	210.00	Sqm	36.00	7,560.00
42	As in item 40 above but for every coat on previously painted old wood or iron work including its sand papering, rubbing and cleaning as required, for proper completion of work. CSI No. 13.03	750.00	Sqm	49.00	36,750.00
43	One priming coat and one coat oil bound distemper on new work including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 13.08	500.00	Sqm	69.00	34,500.00
44	As in item 43 but for every coat after the first coat. CSI No. 13.09	200.00	Sqm	28.00	5,600.00
45	As in item 43 but for every coat on previously old oil bound distemper surface. CSI No. 13.10	1500.00	Sqm	35.00	52,500.00
46	Applying Birla or equivalent putty on new interior or exterior surface over one coat of water based cement primer of ICI or equivalent brand for smoothing and levelling of the surface as per requirement and direction of Engineer I/C including cost of all material, labour, T & P etc required for proper completion of work.. CSI No. 13.20	650.00	Sqm	89.00	57,850.00
47	Applying BIRLA PUTTY or equivalent putty on previously bila putty smoothen surface over one coat of water base cement primer of ICI or equivalent brand for smoothing and leveling of the surface as per requirement and direction of E/I including cost of all material, labour and T&P required for proper completion of work. CSI No. 13.21	1000.00	Sqm	43.00	43,000.00
48	Painting one coat with APEX or equivalent brand weather coat paint on one coat of primer ICI or equivalent on new wall surfaces including through washing with water including cost of all materials, labour, T&P required for proper completion of work. CSI No. 13.22	1000.00	Sqm	98.00	98,000.00
49	Same as in item no 48 above but for every coat of additional APEX or equivalent brand weather coat paint CSI No. 13.23	1000.00	Sqm	44.00	44,000.00
50	Same as in item 48 but for each coat of APEX or equivalent brand weather coat paint .on previously treated surface. CSI No. 13.24	750.00	Sqm	65.00	48,750.00
51	Dismantling brick work or stone work in lime or cement mortar and including stacking of materials as directed by the Engineer-in-charge within a distance of 60 metres CSI No 15.01	20.00	cum	583.00	11,660.00
52	Dismantling reinforced cement concrete or reinforced brick work, including stacking of dismantled materials as directed by the Engineer-Incharge within a distance of 60 metres. CSI No 15.03	7.00	cum	1293.00	9,051.00
53	Supply and Fixing panes of glass 4mm thick and including putty brads and including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No 20.07+2.11 (b)	50.00	Sqm	563.00	28,150.00

54	Dismantling cement concrete or brick or granolithic floors including base concrete and including stacking of dismantled materials as directed by the Engineer In-charge within a distance of 60 metres. CSI No 15.05	100.00	Sqm	67.00	6,700.00
55	As in item 54 but for floors to be stone flagged or tiled floor. CSI No 15.06	50.00	Sqm	89.00	4,450.00
56	Dismantling doors and windows chowkhats including stacking of materials as directed by Engg-in-Charge within a distance of 60 meters. CSI No 15.10	21.00	Sqm	74.00	1,554.00
57	Dismantling existing plaster including disposal of refuse as directed by the Engineer-I/C within a distance of 60 M. CSI No 15.11	200.00	Sqm	47.00	9,400.00
58	Dismantling and re-laying of dry B.O.E./Interlocking tile floor including cost of all labour and T&P required for proper completion of work.(labour rates only) CSI No 15.18	5.00	Sqm	312.00	1,560.00
59	Cleaning of septic tank including disposal of waste out side the UPPCL area as per direction of the Engineer-in-charge including cost of all labour,T&P etc.required for proper completion of the work.. CSI 20.12	5.00	Nos	1870.00	9,350.00
60	S/laying chicken mesh of (20 mm.)hexagonal heavy quality over roofs of joints of roof as per direction of the Engineer - in - charge.(CSI No. 20.21)	50.00	Sqm	82.00	4,100.00
61	Cleaning of existing damaged/choked sewer line including Dismantling CC/Bitumen floor if required and repairing the same after completion of work including Labour,T&P and other materials required for proper completion of work .NSI	1.00	RM	250.00	250.00
62	S/R of regulator for ceiling fan of GEC or equivalent make including cost of all labour material, T&P etc. required for proper completion of the work. CSI 22.60 (b)-Step type Old SOR 2020-21	7.00	Nos	170.00	1,190.00
63	Wiring point for light with 1.5 sq. mm. FR PVC insulated multistrand single copper conductor cable in PVC conduit pipe concealed in the wall, 14 SWG copper PVC coated Earth continuity wire, and approved quality, piano type switch ceiling rose/angle/batten holder as per approved sample on 3mm thick phenolic laminated bakelite sheet etc. of matching shade with wall colour complete in all respect UP PWD SOR 2018 131 (C)	5.00	Nos	643.00	3,215.00
64	Wiring point for fan/fresh air fan (light duty exhaust fan) 1.5 sq. mm FR PVC insulated multistrand single core copper conductor cable PVC conduit pipe concealed in the wall, 14 SWG copper earth continuity wire and approved quality, piano type switch & ceiling rose as per approved sample on 3mm thick phenolic laminated bakelite sheet etc. of matching shade with wall colour complete in all respects as per direction of E/I. UP PWD SOR 2018 133 (C)	5.00	Nos	708.00	3,540.00
65	Wiring point for plug with 1.5 sq. mm FR PVC insulated multistrand single core copper conductor cable in PVC conduit pipe concealed in the wall 14 SWG copper earth continuity wire and approved quality type switch and socket as per approved sample etc. of matching shade with wall colour complete in all respects as per direction of E/I. UP PWD SOR 2018 134 (C)	5.00	Nos	335.00	1,675.00
66	Wiring point for exhaust fan with 1.5 sq. mm.FRLSH PVC insulated multistrand single core copper conductor cable in PVC conduit concealed in the wall, complete with 14 SWG copper earth continuity wire, 15 A piano type switch and ceiling rose on 3 mm thick phenolic laminated bakelite sheet etc.complete in all respect including matching colour wash. but in PVC conduit with 1.5 sq. mm. F.R.insulated multistrand copper conductor cable as earthwire drawn inside the conduit. UP PWD SOR 2018 137 (C)	7.00	Nos	900.00	6,300.00
67	Supply and fixing of power plug with 15A/240V V flush type switch and 5 pin 15A/250V flush type universal socket in suitable M.S. box of 175mmx 100mmx50mm size with phenolic laminated bakelite sheet cover 3mm thick fixed with brass machine screw and cup washer. UP PWD SOR 2018 1139	5.00	Nos	340.00	1,700.00

68	S/F 6 Amp. to 32 Amp. "C" series MCB 9 KA/10 KA (Havells/MDS make) UP PWD SOR 2018 1002(B)	10.00	Nos	206.00	2,060.00
69	S/F surface/flush mounting 8 ways SPN distribution board without MCB complete in all respect as per direction of E/I. UP PWD SOR 2018 1024 (B)	10.00	Nos	1575.00	15,750.00
70	S/F 63 amp. S.P. Isolator of approved make and as per sample approved by E/I. UP PWD SOR 2018 1004 (B)	10.00	Nos	280.00	2,800.00
71	Supply and wiring of submain with two numbers 6 sq. mm FR PVC insulated 1100 V grade multistand single core copper conductor cable in 25 mm dia heavy duty (2 mm thick) PVC conduit concealed in wall complete with 1 number 4.0 Sq. mm FR PVC insulated multistand copper conductor cable as earth continuity wire etc. complete in all respects. UP PWD SOR 2018 212 (C)	10.00	RM	210.00	2,100.00
72	Supply and fixing of LED Tube Light batten fitting suitable for upto 1 x 22 watt LED tube light on surface completed with wiring point and in all respect. UP PWD SOR 2018 1413 (AA)	2.00	Nos	1020.00	2,040.00
73	Supply and replacing of Angle Holder of "Anchor" or equivalent make of approved quality including all materials, labour and T&P etc. CSI No. 22.01	1.00	Nos	43.00	43.00
74	Supply and replacing of 6 Amp. piano tyre switch of "Anchor" or equivalent make of approved quality including all materials, labour and T&P etc. CSI No. 22.02	1.00	Nos	49.00	49.00
75	Supply and replacing of 6 Amp. Piano tyre socket of "Anchor" equivalent make of approved quality including all materials, labour and T&P etc. CSI No. 22.03	1.00	Nos	60.00	60.00
76	Supply and replacing of 16 Amp. Piano type switch of "Anchor" or equivalent make of approved quality including all materials, labour and T&P etc. CSI No. 22.04	1.00	Nos	131.00	131.00
77	Supply and replacing of 16 Amp. Piano type socket of "Anchor" or equivalent make of approved quality including all materials, labour and T&P etc. CSI No. 22.05	1.00	Nos	131.00	131.00
78	Supply and laying 1.5 Sq.mm gauge copper wire of "Plaza" or equivalent make of approved quality including connecting with existing wiring in existing P.V.C.pipe. including all materials, labour and T&P complete. CSI No. 22.06 a	1.00	RM	74.00	74.00
79	Supply and laying 2.5 Sq.mm gauge copper wire of "Plaza" or equivalent make of approved quality including connecting with existing wiring in existing P.V.C.pipe. including all materials, labour and T&P complete. CSI No. 22.06 b	1.00	RM	96.00	96.00
80	Supply and laying 4.0 Sq.mm gauge copper wire of "Plaza" or equivalent make of approved quality including connecting with existing wiring in existing P.V.C.pipe. including all materials, labour and T&P complete. CSI No. 22.06 c	1.00	RM	123.00	123.00
81	Labour for fixing of electrical fittings such as switches / plug / socket / holder / cut out / ceiling rose / wooden board etc. complete. CSI No. 22.07	1.00	Nos	21.00	21.00
82	Providing and fixing full way 15mm dia G.M. gate valve with wheel, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.04 A	1.00	Nos	656.00	656.00
83	Providing and fixing PVC CONNECTION PIPE, 300X15 with 2 brass units ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.09 a	1.00	Nos	96.00	96.00
84	Providing and fixing PVC CONNECTION PIPE, 450X15 with 2 brass units ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.09 b	1.00	Nos	131.00	131.00
85	Supply and fixing of Syntex or equivalent make water storage tank including all materials, labours, T&P etc required for proper completion of work. CSI No. 26.12	500.00	Per lit.	11.00	5,500.00

86	Supply and fixing CP Brass bib cock heavy quality 15mm dia (400gms) ISI marked (Hindware make) including supply of all materials, labour and TandP etc. required for proper completion of the work.. CSI No. 26.16 a	1.00	Each	678.00	678.00
87	Supply and fixing CP Brass bib cock heavy quality 15mm dia (200gms) ISI marked (Hindware make) including supply of all materials, labour and TandP etc. required for proper completion of the work.. CSI No. 26.16 b	1.00	Each	420.00	420.00
88	Supply and fixing CP Brass Angle Valve heavy quality 15mm dia ISI marked (Hindware make) including supply of all materials, labour and TandP etc. required for proper completion of the work.. CSI No. 26.16 i	2.00	Each	571.00	1,142.00
89	Supply and fixing CP Brass Pilar Cock heavy quality 15mm dia ISI marked (Hindware make) including supply of all materials, labour and TandP etc. required for proper completion of the work.. CSI No. 26.16 j	1.00	Each	685.00	685.00
90	Providing and fixing of 110 mm dia PVC pipe 6 Kg/ Sq.cm for with special such as Tee, bend, socket, elbow etc including supply of all labour,material,T & P etc complete required for proper completion of work. CSI No. 26.17	2.00	RM	294.00	588.00
91	Providing and fixing 15 mm dia ISI Approved CPVC pipes complete with special such as bend, tee, socket, cross, clamp etc earth work including filling the trenches etc required for proper completion of the work. the rate also includes concealed GI fitting where required, cutting and making good the walls etc and all materials, labour and T&P complete. CSI No. 26.19	2.00	RM	122.00	244.00
92	Providing and fixing 25 mm dia ISI Approved CPVC pipes complete with special such as bend, tee, socket, cross, clamp etc earth work including filling the trenches etc required for proper completion of the work. the rate also includes concealed GI fitting where required, cutting and making good the walls etc and all materials, labour and T&P complete. CSI No. 26.21	2.00	RM	180.00	360.00
93	Providing and fixing first quality white glazed "Orissa" pattern W.C.Pan Hindustan, Cera make. size 580 mm.(Hindustan,Cera Make) with out "P" trap including supply of all materials,labour and T&P etc.complete CSI No. 27.01	1.00	Nos	2503.00	2,503.00
94	As in item no. 104 but of European type. CSI No. 27.02	1.00	Nos	3303.00	3,303.00
95	Providing and fixing PLASTIC SEAT COVER COMPLETE WITH PLASTIC LID FOR EUROPEAN TYPE WC ISI MARKED including supply of all materials,labour and T&P etc.complete. CSI No. 27.04	1.00	Nos	1062.00	1,062.00
96	Providing and fixing flat back 465 mm.x 355 mm x 265 mm. size lipped front urinal basin of white glazed earthen ware first quality (Hindutan, Neycer make) I.S.I. marked including supply of all materials,labour and T&P etc. required for proper completion of the work. CSI No. 27.05	1.00	Nos	3054.00	3,054.00
97	Providing and fixing 550X400 mm wash hand basin of white glazed earthen ware first quality I.S.I. marked (Hindustan,Neycer / Cera make) including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 27.08	1.00	Nos	3283.00	3,283.00
98	Providing and fixing 10 litres low level PVC flushing cistern, COMPLETE WITH ALL FITTINGS including supply of all materials, labour and T&P etc. required for proper completion of the work.. CSI No. 27.12	1.00	Nos	1430.00	1,430.00
99	Providing and fixing in position 32 mm. dia P.V.C. flush pipe. for W.C. with unions, bends etc. including supply of all materials,labour and T&P etc.required for proper completion of the work. CSI No. 27.13	1.00	Each	112.00	112.00
100	Providing and fixing in position 32 mm. dia P.V.C. WASTE PIPE FOR WASH BASIN. including supply of all materials,labour and T&P etc.required for proper completion of the work. CSI No. 27.14	1.00	Each	92.00	92.00
101	Providing and fixing 750 mm x 20 mm size C.P. brass towel rail of approved quality including brackets including supply of all materials,labour and T&P etc. required for proper completion of the work and cutting and making good the wall plaster etc. required for work. CSI No. 27.16	1.00	Nos	617.00	617.00
102	As in item no. 112 above but for 450 mm x 20 mm size. CSI No. 27.18	1.00	Nos	517.00	517.00

103	Providing and fixing soap dish chromium plated with brackets fixed to wooden cleats with brass screws including supply of all materials,labour and T&P etc.required for proper completion of the work. CSI No. 27.19	1.00	Nos	272.00	272.00
104	Supply and fixing 100 mm PVC Nahani Trap India make of heavy approved quality complete with CI grating, including supply of all materials,labour and T&P etc. required for proper completion of the work. CSI No. 27.21 b	1.00	Nos	568.00	568.00
105	Providing and fixing 100 mm dia white glazed "P" or "S" trap including cement concrete and all materials, labour cartage T&P etc.required for proper completion of the work.(For W.C.) CSI No. 27.23	1.00	Nos	704.00	704.00
106	Providing and fixing CI GRATING 100 mm dia including all materials, labour cartage T&P etc.required for proper completion of the work. CSI No. 27.25	1.00	Nos	61.00	61.00
107	Providing and laying 110 mm dia SWR, PVC (Finolex or equivalent) pipe including cost of excavation, C.C etc including its jointing and connection, all materials, labour and T&P etc. required for proper completion of the work. CSI No. 27.29 c	2.01	RM	398.00	799.98
108	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin- charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test."All above operations to be done in order and as directed and specified by the Engineer-in-Charge : With average thickness of 120 mm and minimum thickness at khurra as 65 mm. CSI No 28.28	1250.00	Sqm	979.00	1,223,750.00
109	Supply and Fixing of 3 blade wall fan of Havells platina 400 mm or equivalent including all material, T&P etc required for proper completion of work as approved by engineer in charge. . CSI No. 28.37	5.00	Nos	3004.00	15,020.00
110	Supply and Fixing of 5 blade Exhaust fan ventile air dx 225 mm of Havells or equivalent make including all material, T&P etc required for proper completion of work as approved by engineer in charge. CSI No. 28.38	5.00	Nos	2344.00	11,720.00
111	Supply and Fixing of 3 blade ceiling fan 1200 mm of Havells or equivalent including all material, T&P etc required for proper completion of work as approved by engineer in charge. CSI No. 28.39	5.00	Nos	2894.00	14,470.00
112	Providing and applying four courses of water proofing treatment at roofs consisting first course of straight run 85/25 grade bitumen confirming to I.S. 73-1961@0.7 Kg/Sqm, second course of roof guard consisting of polythene sheets weighting 0.12 Kg/ Sqm, with 75mm over laps, along roof slope, third course of cold cut back bitumen B.S. grade @ 1.0 kg/ Sqm as per I.S. 7290 and the fourth and final course of 1:1.5:3 cement concrete, 25mm thick with water proofing compound (RECRON.3S) as per specifications, including all materials, labour and T & P etc. required for proper completion of work. CSI No. 10.06 of SOR 2020	19.00	Sqm	340.00	6,460.00

113	Applying two coat of Dr.Fixit pidicrete URP with cement slurry of one parts of Dr. Fixit pidicrete URP (covering area of URP-2.00 to 2.2Sqm/Kg) and 1.5 parts of cement on Horizontal and vertical damp surface. Before application ,clean the surface with wire brush or scrubber to remove hidden dirt,loose particles,laitance and dust, degrease the surface by using suitable solvent. thoroughly saturated the surface with potable water but at the time of application water should not be accumulated at any place as per direction E/I including supply of all materials ,labours and T& P etc.required for proper completion of work. CSI No. 26.35 of SOR 2020	300.00	Sqm	159.00	47,700.00
				Total Rs.	3,078,477.78