

Annexure-1

Name of Work: Roof Treatment of Control Room Building and other Misc. Civil Works at various 33/11 K.V. Sub-Station under EDD-2 and EDD Bilaspur Distt- Rampur.

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	6	7	8
1	Excavation in foundation in ordinary soil (loam, clay or sand) including lift upto 1.5 Metre and lead upto 30 metre including filling, watering, and ramming of excavated earth into the trenches or into the space between the building and the side of the foundation or in to the plinth and removal & disposal of surplus earth as directes by the E/I up to a distance of 30m from the foundation trenches. CSI No. 4.01	21.00	Cum	198.00	4158.00	INR Four Thousand One Hundred & Fifty Eight Only
2	Earth filling under floors and/or substation area including cost of the earth when obtained from within 8 km Outside UPPCL area including its royalty and Carriage including watering,ramming in 20Cm thick layers and dressing of earth etc. All complete. CSI No. 4.10	1.00	Cum	436.00	4158.00	INR Four Thousand One Hundred & Fifty Eight Only
3	Concrete with 4cm gauge stone ballast, coarse sand (F.M. 1.8 to 2.5) & 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	2.90	Cum	5820.00	16878.00	INR Sixteen Thousand Eight Hundred & Seventy Eight Only
4	Cement concrete with 2cm gauge approved hard stone ballast, coarse sand (F.M. 1.8 to 2.5) 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	0.60	Cum	7520.00	4512.00	INR Four Thousand Five Hundred & Twelve Only
5	Precast cement concrete door sills, chaukhats boundary posts, shelves and similar small work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast in the proportion 1:1.5:3, excluding reinforcement but including fixig the same in position including cost of all other material, labor and T&P . CSI No. 5.22	1.86	Cum	9550.00	17763.00	INR Seventeen Thousand Seven Hundred & Sixty Three Only
6	RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) 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	4.00	Cum	9205.00	36820.00	INR Thirty Six Thousand Eight Hundred & Twenty Only
7	RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) 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	0.10	Cum	10600.00	1060.00	INR One Thousand &Sixty Only

8	RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc 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	1.11	Cum	8801.00	9769.11	INR Nine Thousand Seven Hundred & Sixty Nine and Paise Eleven Only
9	RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc 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	0.61	Cum	11647.00	7104.67	INR Seven Thousand One Hundred & Four and Paise Sixty Seven Only
10	1st class brick (not less than class 150) work in 1:6 C.M. with cement and coarse sand (2.9 to 3.2 F.M) mortar in foundation and plinth including supply of all material, labour and T&P etc. required for proper completion of work. CSI No. 6.01	5.00	Cum	4873.00	24365.00	INR Twenty Four Thousand Three Hundred & Sixty Five Only
11	1st class brick work in 1:6 C.M. with cement and coarse sand of 2.25 F.M. mortar in super structure including necessary cutting and moulding of brick as required including honey comb brick work, thickness of wall one brick (230mm) thick in super structure. CSI No. 6.01+6.07+6.08	6.00	Cum	5572.00	33432.00	INR Thirty Three Thousand Four Hundred & Thirty Two Only
12	Same as item no. 7 above but for wall of half brick 4.5" (115 mm) thick but in 1:6 C.M. with cement and coarse sand of 2.25 F.M. mortar. CSI No. 6.03+6.07+6.09	4.00	Cum	5931.00	23724.00	INR Twenty Three Thousand Seven Hundred & Twenty Four Only
13	First class brick laid dry in foundation and Plinth as in Circular soakpit wall of one brick thickness and 2.0 to 3.0 M depth including cutting moulding bricks as required including cost of all other materials labour and T&P Complete. CSI No. 6.16	6.00	Cum	4387.00	26322.00	INR Twenty Six Thousand Three Hundred & Twenty Two Only
14	Brick work in foundation & plinth with old dismantled bricks (supplied by department free of cost) and coarse sand of F.M. 1.8 to 2.5 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	2.20	Cum	2831.00	6228.20	INR Six Thousand Two Hundred & Twenty Eight and Paise Twenty Only
15	Supply and filling brick bat in soak pit including all material, labour and T&P etc complete. CSI No. 6.23	11.00	Cum	1374.00	15114.00	INR Fifteen Thousand One Hundred & Fourteen Only
16	25mm.thick Damp proof course with cement concrete consisting of 1 part cement, 1½ parts approved coarse sand and 3 parts approved 12 mm graded stone grit and also including liquid water proofing material as approved Engineer-in-charge in proportion as specified by the manufacturer. CSI No. 7.02	3.00	Sqm	340.00	1020.00	INR One Thousand & Twenty Only

17	Supply and fixing galvanised mosquito proof jali (14x24 gauge) over window frame and including supply of C.P. Teak wood battens 8cm x 1cm and including supply and fixing of necessary screws, all materials, labour and T&P etc. required for proper completion of the work. CSI No. 8.43	25.00	Sqm	1136.00	28400.00	INR Twenty Eight Thousand Four Hundred Only
18	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	22.00	Sqm	1928.00	42416.00	INR Forty Two Thousand Four Hundred & Sixteen Only
19	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	0.500	M.T.	99064.00	49532.00	INR Forty Nine Thousand Five Hundred & Thirty Two Only
20	Same as CSI No. 9.01 But when Steel is to be provided by the department. CSI No. 9.02	0.060	M.T.	32734.00	1964.04	INR One Thousand Nine Hundred & Sixty Four and Paise Four Only
21	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	0.800	M.T.	88068.00	70454.40	INR Seventy Thousand Four Hundred & Fifty Four and Paise Forty Only
22	Providing and Fixing barbed iron wire fencing including stretching, fixing into the post including all labour, materials and T&P required for proper completion of work, the weight of hot dipped GI wire having 12 SWG and 4 point ordinary barbs @ 150 mm (approx) C/C should be 100 gm per Meter. . CSI No. 9.07	10.00	RM	11.00	110.00	INR One Hundred & Ten Only

23	Supply and fixing of 50X50mm. 8 Gauge G.I. Chain link fencing 1.8 m high including fixing of vertical posts, horizontal runners with , 10mm dia 40mm long bolts, nuts & washer complete all material, labour and T&P etc. required for proper completion of work. Chain link of 8 guage shall be galvanized by hot dipped method as per relevant IS Code .(Excluding cost of Vertical posts and Horizontal runners) CSI No.9.23	1.00	Sqm	807.00	807.00	INR Eight Hundred & Seven Only
24	Providing and Fixing Concertina coil fencing with required dia 600 mm up to 3m height of wall existing angle iron 'Y' shaped placed 2.4 m or 3.00 m apart and with 6 horizontal R.B.T. stud tied with G.I. staples and G.I. clips to retain horizontal including necessary bolttts or G.I barbed wire tied to angle iron all complete (No. of Rounds will be 7 to 8 in one meter length) as per direction of Engineer-in charge with reinforced barbed tape (R.B.T.) / Spring core (2.5 mm thick) wire of high tensile strength of 165 kg/s.q.mm. with tape (0.52 mm thick) of supreme make or equivalent and weight 43.478gm/meter (cost of M.S. angle, C.C. blocks shall be paid separately) CSI No.9.37	20.00	RM	337.00	6740.00	INR Six Thousand Seven Hundred & Forty Only
25	Supply and Fixing 24 B.W.G , G.C. Iron sheet roofing fixed in position with J or U bolts 10 mm dia with G.I. Limpet & bitumen washers including supply of all material, labour, wastage and T&P etc required for proper completion of work. CSI No. 10.01	1.00	Sqm	679.00	679.00	INR Six Hundred & Seventy Nine Only
26	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	260.00	Sqm	193.00	50180.00	INR Fifty Thousand One Hundred & Eighty Only
27	12 mm thick plaster with cement mortar consisting of one part of cement & four 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	255.00	Sqm	182.00	46410.00	INR Forty Six Thousand Four Hundred & Ten Only
28	Add for extra labour to all items of plaster if done in ceiling. CSI No. 11.10	40.00	Sqm	21.40	856.00	INR Eight Hundred & Fifty Six Only
29	Add for extra labour and Materials for plaster over rough face of one brick thick wall. CSI No. 11.12	13.20	Sqm	26.00	343.20	INR Three Hundred & Forty Three and Paise Twenty Only
30	2 cm (3/4") thick cement plaster in dado or skirting in 1:2 C.M. consisting of one part of cement and two parts of approved coarse sand laid in panels finished with 3mm (1/8") thick floating coat of neat cement or cement and marble dust in ratio of 5:1 including supply of all materials, labour and T&P etc. required for proper completion of the work CSI No. 11.13	57.00	Sqm	283.00	16131.00	INR Sixteen Thousand One Hundred & Thirty One Only

31	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	13.00	Kg	47.00	611.00	INR Six Hundred & Eleven Only
32	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	232.00	RM	12.00	2784.00	INR Two Thousand Seven Hundred & Eighty Four Only
33	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	80.115	RM	12.00	961.38	INR Nine Hundred & Sixty One and Paise Thirty Eight Only
34	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	5.00	Sqm	21.00	105.00	INR One Hundred & Five Only
35	40 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	11.00	Sqm	414.00	4554.00	INR Four Thousand Five Hundred & Fifty Four Only
36	First class bricks on Edge floor laid dry, joints sand filled, including preparation base to proper slope and its ramming including supply of all materials, labour and T&P etc, required for proper completion of the work. CSI No. 12.07	7.00	Sqm	547.00	3829.00	INR Three Thousand Eight Hundred & Twenty Nine Only
37	Supply and Laying 8 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. completion required for proper completion of the work. CSI No. 12.11	31.00	Sqm	1085.00	33635.00	INR Thirty Three Thousand Six Hundred & Thirty Five Only

38	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. CS I No. 12.12	7.00	Sqm	748.00	5236.00	INR Five Thousand Two Hundred & Thirty Six Only
39	Providing and fixing glass strips of 3.15 mm thickness & 40mm 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. CS I No. 12.14	8.00	RM	33.00	264.00	INR Two Hundred & Sixty Four Only
40	Supply and Laying floor of 10 mm thick vitrified tiles of approved brand (Bell, Johnson or equivalent make) size of 600 x 600 mm of approved shade, colour and pattern laid over base cement mortar 1:4 mix, including finishing of joints with white cement mixed with pigment to match the shade of tiles, including supply of all materials, labour and T&P etc. completion required for proper completion of the work. CS I No. 12.18	1.00	Sqm	1336.00	1336.00	INR One Thousand Three Hundred & Thirty Six Only
41	Supply 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	1.00	Sqm	1029.00	1029.00	INR One Thousand & Twenty Nine Only
42	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	31.00	Sqm	77.00	2387.00	INR Two Thousand Three Hundred & Eighty Seven Only
43	Same as CSI No.13.01 above but for every coat after 1st coat. CSI No. 13.02	608.00	Sqm	36.00	21888.00	INR Twenty One Thousand Eight Hundred & Eighty Eight Only
44	Same as CSI no. 13.01 above but every coat on previously painted old wood or steel work. CSI No. 13.03	575.00	Sqm	49.00	28175.00	INR Twenty Eight Thousand One Hundred & Seventy Five Only
45	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	290.00	Sqm	69.00	20010.00	INR Twenty Thousand & Ten Only
46	Same as CSI No. 13.08 above but for every coat after the first coat. CSI No. 13.09	2500.00	Sqm	28.00	70000.00	INR Seventy Thousand Only

47	Same as CSI No.13.08 above but for every coat on previously old distempered surface. CSI No. 13.10	2400.00	Sqm	35.00	84000.00	INR Eighty Four Thousand Only
48	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 smoothening 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	340.00	Sqm	89.00	30260.00	INR Thirty Thousand Two Hundred & Sixty Only
49	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 smoothening 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	690.00	Sqm	43.00	29670.00	INR Twenty Nine Thousand Six Hundred & Seventy Only
50	Painting one coat with APEX or equivalent brand weather coat paint on new wall surfaces (well prepared with Birla putty and one coat of primer ICI or equivalent which shall be paid separately) including through washing with water including cost of all materials, labour, T&P required for proper completion of work. CSI No. 13.22	288.00	Sqm	98.00	28224.00	INR Twenty Eight Thousand Two Hundred & Twenty Four Only
51	Same as CSI no 13.22 above but for every coat of additional APEX or equivalent brand weather coat paint. CSI No. 13.23	1300.00	Sqm	44.00	57200.00	INR Fifty Seven Thousand Two Hundred Only
52	Same as CSI no13.22 above but for every coat of additional APEX or equivalent brand weather coat paint coat paint previously treated surface. CSI No. 13.24	1012.00	Sqm	65.00	65780.00	INR Sixty Five Thousand Seven Hundred & Eighty Only
53	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	0.80	Cum	583.00	466.40	INR Four Hundred & Sixty Six and Paise Forty Only
54	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	13.00	Cum	1293.00	16809.00	INR Sixteen Thousand Eight Hundred & Nine Only

55	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	12.00	Sqm	67.00	804.00	INR Eight Hundred & Four Only
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	29.00	Sqm	74.00	2146.00	INR Two Thousand One Hundred & Forty Six Only
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	370.00	Sqm	47.00	17390.00	INR Seventeen Thousand Three Hundred & Ninety Only
58	Scrapping old white or colour wash or distemper including disposal of refuse as directed by the Engineer-I/C within a distance of 60 M. CSI No. 15.12	1008.40	Sqm	15.00	15126.00	INR Fifteen Thousand One Hundred & Twenty Six Only
59	Providing 110mm dia Plain PVC CASING PIPES (Aroma /Supreme) (Pressure10 Kg./ Sqcm.) for making tubewell assembly and cartage to boring site, including cost of all labour, materials and T&P required for assembly making and proper completion of work. (CSI No. 19.08)	41.00	Rm	549.00	22509.00	INR Twenty Two Thousand Five Hundred & Nine Only
60	Providing 110mm dia Slotted PVC CASING PIPES (Aroma /Supreme) (Pressure10 Kg./ Sqcm.) for making tubewell assembly and cartage to boring site, including cost of all labour, materials and T&P required for assembly making and proper completion of work. (CSI No. 19.10)	9.00	Rm	578.00	5202.00	INR Five Thousand Two Hundred & Two Only
61	Supply and fixing of PVC 110 mm dia top plug of heavy quality including all labour material & T&P. (CSI No. 19.20b)	2.00	No	276.00	552.00	INR Five Hundred & Fifty Two Only
62	Supply and fixing 32mm dia of G.I. ("B" class) column pipes JTC/ JINDAL make with column coupling socket as required for proper completion of work including all labour material & T&P. CSI 19.22 (d)	24.00	RM	512.00	12288.00	INR Twelve Thousand Two Hundred & Eighty Eight Only
63	Supply and stacking pee gravel properly at levelled ground for measurement as directed by Engineer I/C, including all labour, T&P required for proper completion of work. (CSI No. 19.25)	0.60	Cum	5376.00	3225.60	INR Three Thousand Two Hundred & Twenty Five and Paise Sixty Only
64	Supply & installation of electrical control panel of L&T / Havells or equivalent make for submersible pump / pumpset containing contractor relay condenser. (b) for 0.50/ 2 H.P pump set single phase. CSI No-19.31(a)	1.00	Nos.	4689.00	4689.00	INR Four Thousand Six Hundred & Eighty Nine Only
65	Supply & Installation of submersible pump of K.S.B/ CALAMA. or eqt. make including cost of labour, T&P and material required for completion of work. (a) 1 HP, outlet 32mm dia. or more, Head 71/36, Discharge 2000/6000 LPH (CSI No.19.32 a)	1.00	No	18541.00	18541.00	INR Eighteen Thousand Five Hundred & Forty One Only

66	Supply and fixing of submersible cable Havels or equivalent make, for submersible pump complete in all respect. (a) 1.5 mm ² for pump up to 1 HP Hp. (CSI 19.33 a)	40.00	RM	81.00	3240.00	INR Three Thousand Two Hundred & Forty Only
67	Supply and fixing steel wire rope for submersible pump including all labour, T&P required for proper completion of work. CSI 19.34	45.00	RM	42.00	1890.00	INR One Thousand Eight Hundred & Ninety Only
68	Providing and laying of 25mm dia P.V.C. pipe with special such as tee, sockets etc for laying submersible cable including excavation of trenches (300x300) mm size and back filling of the same etc. required for proper completion of the work. (old sor 2020-21 CSI 18.18)	10.00	RM	45.00	450.00	INR Four Hundred & Fifty Only
69	Cartage of Tand P and boring set by manual boring to and fro from site of work. (old sor 2020-21 CSI 18.19)	1.00	job	2500.00	2500.00	INR Two Thousand Five Hundred Only
70	Testing and developing charges of tubewell for 48 hours or till supply of good discharge of water free from any foreign materials such as silt, sand etc. is obtained by O.P. unit/tractor. (old sor 2020-21 CSI 18.22)	12.00	Per hour	75.00	900.00	INR Nine Hundred Only
71	Renewing panes of 4.8 to 5.7 mm glass including supply of glass with putty and brads including supply of all materials, labour and t&P etc. required for proper completion of the work.(a) glass of 4 mm thick. CSI No. 20.04 (b)	24.00	Sqm	838.00	20112.00	INR Twenty Thousand One Hundred & Twelve Only
72	Cleaning of Septic tank including disposal of wastage out side the UPPCL area as per directed by the Engineer-I/C including cost of all materials, labour, T&P required for proper completion of work CSI No. 20.12	2.00	Nos	1870.00	3740.00	INR Three Thousand Seven Hundred & Forty Only
73	Disposal of Rubbish / debris out side the UPPCL area directed by the Engineer-I/C including cartage labour, and materials, T&P required for proper completion of work.(no deduction for voids shall be made) CSI No. 20.16	32.00	cum	374.00	11968.00	INR Eleven Thousand Nine Hundred & Sixty Eight Only

74	Supply and replacing chromium polished L drops 16 mm dia x 300 long including cost of nuts, bolts etc.complete. CSI No. 20.17 (a)	22.00	Nos	187.00	4114.00	INR Four Thousand One Hundred & Fourteen Only
75	Supply and replacing chromium polished Tower bolts 10 mm dia x 250 mm long including cost of nuts, bolts etc.complete.) . CSI No. 20.17 (b)	28.00	Nos	88.00	2464.00	INR Two Thousand Four Hundred & Sixty Four Only
76	Supply and replacing chromium polished Iron hinges 100 mm size.12 gauge.thick including cost of nuts, bolts etc.complete.) CSI No. 20.17 (d)	34.00	Nos	77.00	2618.00	INR Two Thousand Six Hundred & Eighteen Only
77	Supply and replacing chromium polished M.S.handles 100 mm size including cost of nuts, bolts etc.complete.) CSI No. 20.17 (f)	13.00	Nos	39.00	507.00	INR Five Hundred & Seven Only
78	Boring with 4" dia casing pipe (150mm dia bore) up to a profeble depth of 50m from ground level with skilled and unskilled labouour and T&P boring apparatus supervision charge etc. required for proper completion of the work. (CSI No. 20.23a)	60.00	RM	486.00	29160.00	INR Twenty Nine Thousand One Hundred & Sixty Only
79	Providing and fixing full way 20 mm dia G.M. gate valve with wheel ,ISI ,mark heavy quality including supply of all materials, labours, T&P etc required for proper completion of work. CSI No. 26.04(b)	5.00	Nos.	976.00	4880.00	INR Four Thousand Eight Hundred & Eighty Only
80	Providing and fixing full way 25 mm dia G.M. gate valve with wheel ,ISI ,mark heavy quality including supply of all materials, labours, T&P etc required for proper completion of work CSI No. 26.04(c)	5.00	Nos.	1371.00	6855.00	INR Six Thousand Eight Hundred & Fifty Five Only
81	P/F GI Unions nominal bore 20 mm ISI ,mark heavy quality including supply of all materials, labours, T&P etc required for proper completion of work. CSI No. 26.10(b)	5.00	Nos.	132.00	660.00	INR Six Hundred & Sixty Only
82	P/F GI Unions nominal bore 25 mm ISI ,mark heavy quality including supply of all materials, labours, T&P etc required for proper completion of work. CSI No. 26.10(c)	5.00	Nos.	193.00	965.00	INR Nine Hundred & Sixty Five Only

83	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	2500.00	Ltr	11.00	27500.00	INR Twenty Seven Thousand Five Hundred Only
84	Providing and fixing CP BRASS BIB COCK 15 mm dia. HEAVY QUALITY (400gm) (L & K and equi.) fittings, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.16 (a)	10.00	Nos	678.00	6780.00	INR Six Thousand Seven Hundred & Eighty Only
85	Same as CSI No. 26.16(a) but for CP BRASS Angle Valve HEAVY QUALITY (L&K or equi.). CSI No. 26.16 (i)	10.00	Nos	571.00	5710.00	INR Five Thousand Seven Hundred & Ten Only
86	Same as CSI No. 26.16(a) but for CP BRASS Pillar Cock HEAVY QUALITY (L&K or equi.). CSI No. 26.16 (j)	10.00	Nos	685.00	6850.00	INR Six Thousand Eight Hundred & Fifty Only
87	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	85.00	RM	294.00	24990.00	INR Twenty Four Thousand Nine Hundred & Ninety Only
88	Providing and fixing 20 mm dia ISI Approved CPVC complete with special such as bend, tee, socket ,cross, clamps etc earth work including filling the treanches etc require proper completion of the work, the rate also includes concealed GI fitting where require, cutting and making good the walls etc and all materials, labour and T&P complete. CSI No. 26.20	92.00	RM	141.00	12972.00	INR Twelve Thousand Nine Hundred & Seventy Two Only
89	Providing and fixing 25 mm dia ISI Approved CPVC complete with special such as bend, tee, socket ,cross, clamps etc earth work including filling the treanches etc require proper completion of the work, the rate also includes concealed GI fitting where require, cutting and making good the walls etc and all materials, labour and T&P complete. CSI No. 26.21	150.00	RM	180.00	27000.00	INR Twenty Seven Thousand Only
90	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	5.00	Nos	2503.00	12515.00	INR Twelve Thousand Five Hundred & Fifteen Only
91	Providing and fixing flat back 465x 355x 265 mm size lipped front urinal basin of white glazed earthen ware first quality . CSI no. 27.05	5.00	Nos	3054.00	15270.00	INR Fifteen Thousand Two Hundred & Seventy Only
92	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	5.00	Nos	3283.00	16415.00	INR Sixteen Thousand Four Hundred & Fifteen Only

93	Providing and Fixing 10 Liters 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	5.00	Nos	1430.00	7150.00	INR Seven Thousand One Hundred & Fifty Only
94	Providing and fixing in position 32 mm dia PVC Flush Pipe for WC with union bend etc. including supply of all materials, labour and T&P etc.required for proper completion of the work. CSI No. 27.13	1.00	Nos	112.00	112.00	INR One Hundred & Twelve Only
95	Providing and fixing in position 32 mm dia PVC 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	5.00	Nos	92.00	460.00	INR Four Hundred & Sixty Only
96	Providing and fixing 600 mm x 450 mm beveled edge mirror of Atul,Kiran makeglass with Indian polish 6.50 mm thick complete with back of 600 mm x 450 mm x 6 mm hard board sheet fixed to wooden cieats with C.P. brass screws and washers including supply of all materials, labour and T&P etc.required for proper completion of the work. CSI No. 27.15	5.00	Nos	969.00	4845.00	INR Four Thousand Eight Hundred & Forty Five Only
97	Providing and fixing 600 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. 27.17	5.00	Nos	567.00	2835.00	INR Two Thousand Eight Hundred & Thirty Five Only
98	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	7.00	Nos	272.00	1904.00	INR One Thousand Nine Hundred & Four Only
99	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)	7.00	Nos	568.00	3976.00	INR Three Thousand Nine Hundred & Seventy Six Only
100	Providing and Fixing 100 mm dia PVC "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. 27.24	7.00	Nos	554.00	3878.00	INR Three Thousand Eight Hundred & Seventy Eight Only
101	Providing and Fixing GI GRATING 100 mm dia including all materials, labour cartage T&P etc. required for proper completion of the work. CSI No. 27.25	7.00	Nos	61.00	427.00	INR Four Hundred & Twenty Seven Only

102	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	857.00	Sqm	159.00	136263.00	INR One Lakh Thirty Six Thousand Two Hundred & Sixty Three Only
103	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	857.00	Sqm	979.00	839003.00	INR Eight Lakh Thirty Nine Thousand & Three Only
104	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)	1.00	Nos.	643.00	643.00	INR Six Hundred & Forty Three Only
105	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)	1.00	Nos.	708.00	708.00	INR Seven Hundred & Eight Only

106	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)	1.00	Nos.	335.00	335.00	INR Three Hundred & Thirty Five Only
107	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	2.00	Nos.	340.00	680.00	INR Six Hundred & Eighty Only
108	S/R of regulator for ceiling fan of GEC or equivalent make of approved quality including cost of all labour material, T&P etc. required for proper completion of the work. (B) Electronic type CSI No. 22.60 (as per old SOR 2020)	1.00	Each	170.00	170.00	INR One Hundred & Seventy Only
109	Supply and wiring of submain with two numbers 4 sq. mm FR PVC insulated 1100 V grade multistrand single core copper conductor cable in 25 mm dia heavy duty (2 mm thick) PVC conduit concealed in wall complete with 1 number 2.5 Sq. mm FR PVC insulated multistrand copper conductor cable as earth continuity wire etc. complete in all respects. UP PWD SOR 2018 211 (C)	5.00	RM	153.00	765.00	INR Seven Hundred & Sixty Five Only
110	Supply and fixing 6A to 32A SP MCB of approved make and as per sample approved by E/I (10 KA) UP PWD SOR 2018 1002 C	4.00	Each	206.00	824.00	INR Eight Hundred & Twenty Four Only
111	S/F 63 amp. S.P. Isolator of approved make and as per sample approved by E/I. UPPWD SOR 2018 1004(B)	2.00	Each	280.00	560.00	INR Five Hundred & Sixty Only
112	S/F surface/flush mounting 8 ways SPN distribution board without MCB complete in all respect as per direction of E/I UPPWD SOR 2018 1024 (B)	4.00	Each	1575.00	6300.00	INR Six Thousand Three Hundred Only
Total in Figures					2424000.00	INR Twenty Four Lakh Twenty Four Thousand Only