

## Annexure-II

Name of Work: Roof Treatment and other Miscellaneous Civil Maintenance Works of E.D.D.-2 office Building at 33/11 K.V Sub Station Ghantaghar Distt. Saharanpur.

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
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	2.00	Cum	198.00	396.00	INR Three Hundred & Ninety Six 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	3.00	Cum	436.00	1308.00	INR One Thousand Three Hundred & 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	1.00	Cum	5820.00	5820.00	INR Five Thousand Eight Hundred & Twenty 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 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	1.00	Cum	7989.00	7989.00	INR Seven Thousand Nine Hundred & Eighty Nine Only
5	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 Dalia, 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	0.56	Cum	9205.00	5154.80	INR Five Thousand One Hundred & Fifty Four and Paise Eighty 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 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	3.20	Cum	8801.00	28163.20	INR Twenty Eight Thousand One Hundred & Sixty Three and Paise Twenty Only
7	1st class brick work in 1:6 C.M. with cement and coarse sand ( F.M. 1.8 to 2.5) 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	1.00	Cum	4873.00	4873.00	INR Four Thousand Eight Hundred & Seventy Three Only
8	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+6.08	2.00	Cum	5194.00	10388.00	INR Ten Thousand Three Hundred & Eighty Eight Only
9	Same as item no. 15 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. 6.01+6.09	0.50	Cum	5355.00	2677.50	INR Two Thousand Six Hundred & Seventy Seven and Paise Fifty Only
10	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	2.00	Sqm	340.00	680.00	INR Six Hundred & Eighty Only
11	Fixing of Departmental doors & windows Shutters including supply & fixing of hinges and other fixtures. (excluding their supply) including all material, labour & T&P etc. required for proper completion of work. CSI No. 8.51	6.00	Sqm	991.00	5946.00	INR Five Thousand Nine Hundred & Forty Six Only

  
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Name of Work: Roof Treatment and other Miscellaneous Civil Maintenance Works of E.D.D.-2 office Building at 33/11 K.V Sub Station Ghantaghar Distt. Saharanpur.

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
12	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	4.00	Sqm	1928.00	7712.00	INR Seven Thousand Seven Hundred & Twelve Only
13	Supplying & fixing 24 gauge anodized aluminium sheet of approved quality including cutting, wastage and fixing the same over the wooden door shutter with nails with all material labour and T&P etc. required for proper complete. CSI No. 8.60	3.00	Sqm	412.00	1236.00	INR One Thousand Two Hundred & Thirty Six Only
14	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	0.03	M.T.	99064.00	2971.92	INR Two Thousand Nine Hundred & Seventy One and Paise Ninety Two Only
15	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	0.05	M.T.	88068.00	4403.40	INR Four Thousand Four Hundred & Three and Paise Forty Only
16	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	12.00	Sqm	729.00	8748.00	INR Eight Thousand Seven Hundred & Forty Eight Only
17	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	4720.00	INR Four Thousand Seven Hundred & Twenty Only
18	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 than 10 mm including supply of all material, labour and T&P etc for proper completion of work. CSI No. 11.07	50.00	Sqm	193.00	9650.00	INR Nine Thousand Six Hundred & Fifty Only
19	Same as item No. 18 above but with 1:6 cement and coarse sand mortar. CSI No. 11.09	20.00	Sqm	182.00	3640.00	INR Three Thousand Six Hundred & Forty Only
20	Add for extra labour to all items of plaster if done in ceiling. CSI No. 11.10	25.00	Sqm	21.40	535.00	INR Five Hundred & Thirty Five Only
21	Add for extra labour and Materials for plaster over rough face of one brick thick wall. CSI No. 11.12	10.00	Sqm	26.00	260.00	INR Two Hundred & Sixty Only
22	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	6.00	Sqm	283.00	1698.00	INR One Thousand Six Hundred & Ninety Eight Only
23	S/mixing approved water proofing compound / hardner (CICO, DR FIXIT etc) in cement mortar in plaster or concrete work in the proportion as recommended by the manufacturer. CSI No. 11.15	10.00	Kg	47.00	470.00	INR Four Hundred & Seventy Only
24	Making drip course (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	INR One Hundred & Twenty Only

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Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
25	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	3.00	Sqm	21.00	63.00	INR Sixty Three Only
26	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	4.00	Sqm	414.00	1656.00	INR One Thousand Six Hundred & Fifty Six Only
27	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	8.00	Sqm	1085.00	8680.00	INR Eight Thousand Six Hundred & Eighty Only
28	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	5.00	Sqm	748.00	3740.00	INR Three Thousand Seven Hundred & Forty Only
29	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. CSI No. 12.14	5.00	RM	33.00	165.00	INR One Hundred & Sixty Five Only
30	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	8.00	Sqm	77.00	616.00	INR Six Hundred & Sixteen Only
31	Same as item No 30 above but for every coat after 1st coat. CSI No. 13.02	150.00	Sqm	36.00	5400.00	INR Five Thousand Four Hundred Only
32	Same as item no. 30 above but every coat on previously painted old wood or steel work. CSI No. 13.03	142.00	Sqm	49.00	6958.00	INR Six Thousand Nine Hundred & Fifty Eight Only
33	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	65.00	Sqm	69.00	4485.00	INR Four Thousand Four Hundred & Eighty Five Only
34	Same as item No. 34 above but for every coat after the first coat. CSI No. 13.09	800.00	Sqm	28.00	22400.00	INR Twenty Two Thousand Four Hundred Only
35	Same as item No.34 above but for every coat on previously old distempored surface. CSI No. 13.10	725.00	Sqm	35.00	25375.00	INR Twenty Five Thousand Three Hundred & Seventy Five Only
36	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	65.00	Sqm	89.00	5785.00	INR Five Thousand Seven Hundred & Eighty Five Only

  
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Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
38	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	50.00	Sqm	98.00	4900.00	INR Four Thousand Nine Hundred Only
39	Same as in item no 38 above but for every coat of additional APEX or equivalent brand weather coat paint. CSI No. 13.23	255.00	Sqm	44.00	11220.00	INR Eleven Thousand Two Hundred & Twenty Only
40	Same as in item no.38 above but for every coat of additional APEX or equivalent brand weather coat paint coat paint previously treated surface. CSI No. 13.24	205.00	Sqm	65.00	13325.00	INR Thirteen Thousand Three Hundred & Twenty Five Only
41	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	1.00	Cum	583.00	583.00	INR Five Hundred & Eighty Three Only
42	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	1.00	Cum	1293.00	1293.00	INR One Thousand Two Hundred & Ninety Three Only
43	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	5.00	Sqm	67.00	335.00	INR Three Hundred & Thirty Five Only
44	As in item No 43 above but for floors to be stone flagged or tiled floor. CSI No. 15.06	4.00	Sqm	89.00	356.00	INR Three Hundred & Fifty Six Only
45	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	4.00	Sqm	74.00	296.00	INR Two Hundred & Ninety Six Only
46	Dismantling existing plaster including disposal of refuse as directed by the Engineer-I/C within a distance of 60 M. CSI No. 15.11	65.00	Sqm	47.00	3055.00	INR Three Thousand & Fifty Five Only
47	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	915.00	Sqm	15.00	13725.00	INR Thirteen Thousand Seven Hundred & Twenty Five Only
48	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)	2.00	Sqm	838.00	1676.00	INR One Thousand Six Hundred & Seventy Six Only
49	Fixing panes of glass with and including putty brads and includin supply of all materials, labour and t&P etc. required for proper completion of the work.but excluding cost of glass CSI No. 20.07	3.00	Sqm	255.00	765.00	INR Seven Hundred & Sixty Five Only
50	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	1.00	Nos	1870.00	1870.00	INR One Thousand Eight Hundred & Seventy Only
51	same as item no 50 but for inspection chamber CSI No. 20.13	2.00	Nos	261.00	522.00	INR Five Hundred & Twenty Two Only
52	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	2.00	cum	374.00	748.00	INR Seven Hundred & Forty Eight Only
53	Supply and replacing of following chromium polished iron fittings including cost of nuts, bolts etc.complete. (a) L drops 16 mm dia x 300 long CSI No. 20.17 (a)	6.00	Nos	187.00	1122.00	INR One Thousand One Hundred & Twenty Two Only
54	Same as item No.53 above but for (c) Tower bolts 10 mm dia x 100 mm long. CSI No. 20.17 (c)	6.00	Nos	64.00	384.00	INR Three Hundred & Eighty Four Only

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Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
55	Same as item No. 53 above but for (d) Iron hinges 100 mm size.12 gauge.thick. CSI No. 20.17 (d)	10.00	Nos	77.00	770.00	INR Seven Hundred & Seventy Only
56	Same as item No. 55 above but for (f) M.S.handles 100 mm size. CSI No. 20.17 (f)	6.00	Nos	39.00	234.00	INR Two Hundred & Thirty Four Only
57	Cleaning and opening of chocked W.C./ bath / Kitchen pipe line including opening and refixing of chamber cover including washing etc. complete.(Analysis based on NBO- 1125.020. CSI No. 20.19	1.00	Nos	269.00	269.00	INR Two Hundred & Sixty Nine Only
58	S/laying chicken mesh of (20 mm) hexagonal heavy quality over roofs of joints of roof as per direction Engineer-in-charge. CSI No. 20.21	5.00	Sqm	83.00	415.00	INR Four Hundred & Fifteen Only
59	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	2.00	Nos	43.00	86.00	INR Eighty Six Only
60	Supply and replacing of 6 Amp. Plano type switch of "Anchor" or Equivalent make of approved quality including all materials, labour and T&P etc. CSI No.22.02	3.00	Nos	49.00	147.00	INR One Hundred & Forty Seven Only
61	Supply and replacing of 6 Amp. Plano type socket of "Anchor" or Equivalent make of approved quality including all materials, labour and T&P etc. CSI No.22.03	4.00	Nos	60.00	240.00	INR Two Hundred & Forty Only
62	Supply and replacing of 16 Amp. Plano type switch of "Anchor" or Equivalent make of approved quality including all materials, labour and T&P etc. CSI No. 22.04	5.00	Nos	131.00	655.00	INR Six Hundred & Fifty Five Only
63	Supply and replacing of 16 Amp. Plano type socket of "Anchor" or Equivalent make of approved quality including all materials, labour and T&P etc. CSI No. 22.05	6.00	Nos	131.00	786.00	INR Seven Hundred & Eighty Six Only
64	Supply and lying 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)	10.00	RM	74.00	740.00	INR Seven Hundred & Forty Only
65	Supply and lying 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)	10.00	RM	96.00	960.00	INR Nine Hundred & Sixty Only
66	Labour for fixing of electrical fitting such as switches / plug / socket / holder /cut out /ceiling rose / wooden board etc. complete. CSI No.22.07	10.00	Nos	21.00	210.00	INR Two Hundred & Ten Only
67	Providing and fixing PVC BALL FLOAT VALVE 15 MM DIS WITH BRASS & UNION COMPLETE, ISI mark heavy quality including all materials, labours, T&P etc required for proper completion of work. CSI No. 26.06(a)	1.00	Nos	242.00	242.00	INR Two Hundred & Forty Two Only
68	Providing and fixing PVC CONNECTON PIPE, 300x15 with 2 brass unts ISI mark heavy quality including all materials, labours, T&P etc required for proper completion of work. CSI No. 26.09(a)	2.00	Nos	96.00	192.00	INR One Hundred & Ninety Two Only
69	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	Ltr	11.00	5500.00	INR Five Thousand Five Hundred Only
70	Supply and fixing 15 mm dia CI/PVC bib cock including replacing of old bib cock complete. CSI No. 26.13 (c)	1.00	No.	61.00	61.00	INR Sixty One Only
71	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)	2.00	Nos	678.00	1356.00	INR One Thousand Three Hundred & Fifty Six Only
72	Same as item No. 71 CP BRASS Angle Valve HEAVY QUALITY ( L&K or equi. ). CSI No. 26.16 (i)	2.00	Nos	571.00	1142.00	INR One Thousand One Hundred & Forty Two Only

  
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73	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	5.00	RM	294.00	1470.00	INR One Thousand Four Hundred & Seventy Only
74	Providing and fixing of 20 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. 26.20	8.00	RM	141.00	1128.00	INR One Thousand One Hundred & Twenty Eight Only
75	Providing and fixing of 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	8.00	RM	180.00	1440.00	INR One Thousand Four Hundred & Forty Only
76	Providing and fixing first quality white glazed European 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. 27.02	1.00	Nos	3303.00	3303.00	INR Three Thousand Three Hundred & Three Only
77	Providing and fixing PLASTIC SEAT COVER COMPLETE WITH PLASTIC LID FOR EUROPEAN TYPE WC ISI MARKED including supply of all material, labour, T&P etc complete . CSI No. 27.04	1.00	Nos	1062.00	1062.00	INR One Thousand & Sixty Two Only
78	Providing and fixing 510X400 mm wash hand basin of white glazed earthenware 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. 27.09	1.00	Nos	3183.00	3183.00	INR Three Thousand One Hundred & Eighty Three Only
79	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	1.00	Nos	1430.00	1430.00	INR One Thousand Four Hundred & Thirty Only
80	Providing and fixing in position 32 mm dia P.V.C WASTE PIPE FOR WASH BASIN including supply of all labour, material, T&P etc complete required for proper completion of work. CSI No. 27.14	1.00	Nos	92.00	92.00	INR Ninety Two Only
81	Providing and fixing 600 mm x 450 mm beveled edge mirror of Atul,Kiran make glass 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 cleats 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	1.00	Nos	969.00	969.00	INR Nine Hundred & Sixty Nine Only
82	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	INR Six Hundred & Seventeen Only
83	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	INR Two Hundred & Seventy Two Only
84	Supply and fixing CP 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 (a)	2.00	Nos	768.00	1536.00	INR One Thousand Five Hundred & Thirty Six Only
85	Providing and fixing CI GRATING 100 mm dia including all material, labour cartage T&P etc. required for proper completion of work. CSI No. 27.25	3.00	Nos	61.00	183.00	INR One Hundred & Eighty Three Only
86	Providing and applying plaster of Paris putty of 2 mm thickness over plastered surface to prepare the surface even the smooth complete. CSI No. 28.27	24.00	sqm	111.00	2664.00	INR Two Thousand Six Hundred & Sixty Four Only

  
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## Annexure-II

Name of Work: Roof Treatment and other Miscellaneous Civil Maintenance Works of E.D.D.-2 office Building at 33/11 K.V Sub Station Ghantaghar Distt. Saharanpur.

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
87	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 up to 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 Engineer-In-charge to required slope and treating similarly the adjoining wall upto 300 mm height including rounding of Junction of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/sqm 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 fiber cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat	27.00	sqm	979.00	26433.00	INR Twenty Six Thousand Four Hundred & Thirty Three Only
88	Providing and laying water proofing treatment on roof/terrace with Dr. Fixit Roof seal coat (white) including preparation of surface with following operation : (a) Cleaning & scrapping of complete roof with hand grinder and opening of all visible cracks in the form of V-notch to be filled with Dr. Fixit crack-x paste and cracks with more than 5mm width to be filled with 10% URP & Cement paste (b) Making of gola at parapet & slab Joint (75mm x 75mm) in size with 1:3 mortar mix. (c) applying priming coat with Dr. Fixit Prim seal primer. @ 0.20 ltr/sqm. (d) laying layer of fiber glass cloth of approved manufacture when priming coat is still green. (e) Applying two coat of Dr. Fixit Roof seal classic (white) @ 1.00 Ltr/sqm for all two coat, the time gap between two consecutive coats shall be 6 to 8 hours, the entire treatment shall be taken upto 30 cm on parapet wall, one coat should be applied in one direction and another coat in perpendicular direction to the below coat. The whole surface so treated shall be kept flooded atleast for four days after completion of above treatment process. All of the above operation shall be carried out as per manufacture's Specification and direction of engineer-in charge. . NSI	10.00	Sqm	722.00	7220.00	INR Seven Thousand Two Hundred & Twenty Only
89	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 (UPPWD 2018- 131(C))	3.00	Nos	643.00	1929.00	INR One Thousand Nine Hundred & Twenty Nine Only
90	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.	2.00	Nos	708.00	1416.00	INR One Thousand Four Hundred & Sixteen Only
91	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. (UPPWD 2018- 131(C))	5.00	Nos	335.00	1675.00	INR One Thousand Six Hundred & Seventy Five Only
92	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.	3.00	Nos.	340.00	1020.00	INR One Thousand & Twenty Only
93	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 in 10mm dia PVC conduit concealed in wall complete in all respects as per direction of E/I. (UPPWD 2018- 1002(a))	11.00	RM	153.00	1683.00	INR One Thousand Six Hundred & Eighty Three Only
94	S/F 6 Amp. to 32 Amp. "C" series MCB 9 KA/10 KA (Havells/MDS make) (UPPWD 2018- 1002(a))	3.00	Nos	260.00	780.00	INR Seven Hundred & Eighty Only
95	S/F surface/flush mounting 8 ways SPN distribution board without MCB complete in all respect as per direction of E/I. (UPPWD 2018- 1024 (B))	1.00	Nos.	1,575.00	1575.00	INR One Thousand Five Hundred & Seventy Five Only
96	S/F 63 amp. S.P. Isolator of approved make and as per sample approved by E/I. (UPPWD 2018 -1004 (B))	2.00	Nos.	280.00	560.00	INR Five Hundred & Sixty Only
				<b>Total</b>	<b>358912.82</b>	Three Lakh Fifty Eight Thousand Nine Hundred & Twelve and Paise Eighty Two Only

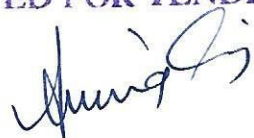
APPROVED FOR TENDER



DEVVRAT ARYA



RACHIT KUMAR



Anand Singh