

Percentage BoQ

Authority: Superintending Engineer Electricity Civil Distribution Circle, P.V.N.L., Meerut.

Work: Roof Treatment work of S.G.R. Building at 33/11 K.V Sub-Station Bhora Kalan Distt- Muzaffarnagar.

IECDC/MRT/2021-22

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only.)

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	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	0.10	Cum	6955.00	695.50	INR Six Hundred & Ninety Five and Paise Fifty Only
2	Precast cement concrete door sills, chauhats 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 fixing the same in position including cost of all other material, labor and T&P. CSI No. 5.22	0.20	Cum	8405.00	1681.00	INR One Thousand Six Hundred & Eighty One Only
3	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	0.10	Cum	8058.00	805.80	INR Eight Hundred & Five and Paise Eighty Only
4	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	1.00	Cum	4820.00	4820.00	INR Four Thousand Eight Hundred & Twenty Only
5	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	0.010	M.T.	83076.00	830.76	INR Eight Hundred & Thirty and Paise Seventy Six Only
6	TMT/For 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	0.010	M.T.	74620.00	746.20	INR Seven Hundred & Forty Six and Paise Twenty Only
7	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	10.00	Sqm	178.00	1780.00	INR One Thousand Seven Hundred & Eighty Only
8	Same as item No. 7 above but with 1:6 cement and coarse sand mortar. CSI No. 11.09	60.00	Sqm	169.00	10140.00	INR Ten Thousand One Hundred & Forty Only
9	Add for extra labour to all items of plaster if done in ceiling. No. 11.10	2.00	Sqm	21.40	42.80	INR Forty Two and Paise Eighty Only
10	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	8.00	Sqm	260.00	2080.00	INR Two Thousand & Eighty Only
11	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	4.00	Kg	47.00	188.00	INR One Hundred & Eighty Eight Only
12	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	4.00	Sqm	19.00	76.00	INR Seventy Six Only
13	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	10.00	Sqm	84.00	840.00	INR Eight Hundred & Forty Only
14	Applying BIRLA PUTTY or equivalent putty on previously birla 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	10.00	Sqm	41.00	410.00	INR Four Hundred & Ten Only
15	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	2.00	Cum	505.00	1010.00	INR One Thousand & Ten Only

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	Demantling 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	7.83	Cum	1128.00	8832.24	INR Eight Thousand Eight Hundred & Thirty Two and Paise Twenty Four Only
	Demantling existing plaster including disposal of refuse as directed by the Engineer-I/C within a distance of 60 M. CSI No. 15.11	10.00	Sqm	41.00	410.00	INR Four Hundred & Ten Only
	Dismantling of existing damaged Mud Faska over the roof Cleaning the surface with wire brush, removal and disposal of rubbish at a distance 100 meters also including the cost of cleaning and stacking of usable materials etc. including cost of all materials, labour, T&P required for proper completion of work. CSI No. 15.14	5.00	Sqm	139.00	695.00	INR Six Hundred & Ninety Five Only
19	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	330.00	660.00	INR Six Hundred & Sixty Only
20	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	3.00	Sqm	80.00	240.00	INR Two Hundred & Forty Only
21	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 Engineer-in-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	104.00	Sqm	932.00	96928.00	INR Ninety Six Thousand Nine Hundred & Twenty Eight Only
22	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	2.00	Each	3994.00	7988.00	INR Seven Thousand Nine Hundred & Eighty Eight Only
23	Water Proofing coat with 3mm thick neat cement layer including 200 ml water Proofing Compound like as Dr. Fixit and other equivalent with all labour T&P . NSI	20.00	sqm	80.00	1600.00	INR One Thousand Six Hundred Only
24	Finishing of walls with three coats water proof exterior emulsion paint "ACE" "Out Look" or equivalent make on new work including one priming coat (1 Liter paint diluted including 0.75 liter of water) to give an even shade complete including cost of all materials, labour and T&P etc. as per direction of E/I.	33.00	sqm	76.50	2524.50	INR Two Thousand Five Hundred & Twenty Four and Paise Fifty Only
Total in Figures					146023.80	INR One Lakh Forty Six Thousand & Twenty Three and Paise Eighty Only
Quoted Rate in Figures				Select	0.00	INR Zero Only
Quoted Rate in Words				INR Zero Only		


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