

BILL OF QUANTITY					
FOR CONSTRUCTION OF FIREWALL & OTHER MISC. CIVIL WORK AT-33/11 K.V. SUB-STATION, DARULSAFA, LUCKNOW.					
Sr.No.	Particulars	Unit	Qty	Rate	Amount
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.	cum	4.50	133.00	598.50
	(S.I. No 4.01)	#NAME?			
2	Local sand filling in plinth including supply of necessary quantity of local sand from outside the UPPCL premises including watering, dressing etc. Rate to include cost of all materials, labour and T&P etc. required for proper completion of work.	cum	0.50	662.00	331.00
	(S.I. No. 4.05)	#NAME?			
3	Clearing jungle including uprooting of rank vegetations, grass, bush, wood, trees and saplings of girth upto 30cm measured at a height of 1.0m above ground level and removal of rubbish upto a distance of 50m outside the periphery of UPPCL area cleared.	Sqm	10.00	5.00	50.00
	(CSI No. 4.08)	#NAME?			
4	Levelling and dressing and making proper slopes including cutting and filling of earth upto a depth 100mm if so required including all labour T&P etc. required for proper completion of the work .	Sqm	5.00	3.00	15.00
	(CSI No. 4.11)	#NAME?			
5	Concrete with 4cm gauge I class brick ballast (class 150) , coarse sand (F.M. 1.8 to 2.5) and cement in proportion of 10:5:1 in foundations and under floors including supply of all materials, labour and tools and plants etc. required for proper completion.	cum	2.00	4428.00	8856.00
	(CSI No.5.03)	#NAME?			
6	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.	cum	0.30	6422.00	1926.60
	(CSI No. 5.06)	#NAME?			
7	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 fixing the same in position including cost of all other material, labor and T&P .	cum	1.00	8274.00	8274.00
	(CSI No. 5.22)	#NAME?			
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 from Dalla, Jhansi or other quarries and approved coarse sand 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. .	cum	1.20	7965.00	9558.00
	(CSI No. 5.23)	#NAME?			
9	R.C.C. work with cement approved coarse sand (F.M. 1.8 to 2.5) and 2 Cm gauge graded approved hard stone ballast in proportion 1:1.5:3 in the lighter beams i.e. having span upto 6m. excluding supply of reinforcement and its bending but including its fixing & binding the same with 24 BWG G.I. binding wire and including necessary centering & shuttering etc. and also including cost of all materials, labour and T&P etc. required for proper completion of the work. (Binding wire is to be supplied by the contractor free of cost)	cum	1.00	9912.00	9912.00

	(S.I. No. 5.25)	#NAME?			
10	RCC work with cement approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like grainite, quartzite etc from Dalla, Jhansi or other quarries and approved coarse sand 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.	cum	2.50	7618.00	19045.00
	(CSI No. 5.27)	#NAME?			
11	RCC work with cement approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like grainite, quartzite etc from Dalla, Jhansi or other quarries and approved coarse sand in proportion 1:1.5:3 in RCC T beamslab 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 .	cum	3.00	10055.00	30165.00
	(CSI No. 5.29)	#NAME?			
12	First class brick (class-150) work in 1:6 cement and coarse sand (F.M.1.8 to 2.5) mortar in foundation and plinth including supply of all materials, labour & T&P etc. required for proper completion of work.	cum	2.00	5481.00	10962.00
	(CSI No. 6.01)	#NAME?			
13	First class brick work in 1:6 cement and coarse sand (F.M.1.8 to 2.5) mortar in super structure for wall thickness of one brick including supply of all materials, labour & T&P etc. required for proper completion of work.	cum	0.50	6039.00	3019.50
	(S.I. No. 6.01+6.07+6.08)	#NAME?			
14	Half brick thick (115mm) wall with 1 st class brick (class 150) in 1:4 cement & coarse sand(F.M.1.8 to 2.5) mortar in super structure 1/3 supply of all materials, labour and T&P etc. required for proper completion of work.	cum	0.50	6365.00	3182.50
	(S.I.No 6.03+6.07+6.09)	#NAME?			
15	First class brick (class-150) work in 1:6 cement and coarse sand (F.M.1.8 to 2.5) mortar in super structure including necessary cutting and moulding of bricks as required and also including honeycomb brick work,thickness of wall not to be less than 1.5 brick.	cum	2.00	5783.00	11566.00
	(CSI No. 6.01+6.07)	#NAME?			
16	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.	Sqm	2.10	1989.00	4176.90
	(S.I. No. 8.57)	#NAME?			
17	Supply and fixing Anodized Aluminium Door fittings like 2 no 150 mm handles,2 no 250 mm tower rail, 1 no stopper and 1 no 12 mm belan including all materials, labour & T&P etc. required for proper completion of work.	Sqm	2.10	378.00	793.80
	(CSI No. 8.61)	#NAME?			
18	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)	Qtl.	3.50	6545.20	22908.20
	(CSI No. 9.03)	#NAME?			
19	Fabrication & supply and fixing of Tubular steel trusses duly painted with one coat of red oxide paint, designed & manufactured as per latest I.S.S. suitable for A.C. sheet roofing cover of the Store Shed.Thickness of Tubes shall not be less than 3.25 mm. Including cost of all materials, labour T&P etc. complete as required for proper completion of work & cartage upto site as per drawing including all accessories.	Qtl.	0.5	7382.70	3691.35
	(CSI No. 9.16)	#NAME?			
20	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.	Sqm	20.00	160.00	3200.00
	(CSI No. 11.07)	#NAME?			

21	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.	Sqm	15.00	150.00	2250.00
(CSI No. 11.09)		#NAME?			
22	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.	kg	10.00	47.00	470.00

	(CSI No. 11.15)	#NAME?			
23	2.5 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 including supply of	sqm	5.00	250.00	1250.00
	(CSI No. 12.02)	#NAME?			
24	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.	Sqm	10.00	589.00	5890.00
	(CSI No. 12.07)	#NAME?			
25	Supply and Laying 6 mm thick glazed tiles of size 200x300 mm 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.	Sqm	1.00	1005.00	1005.00
	(CSI No. 12.12)	#NAME?			
26	Supply and Laying 8 mm thick glazed floor tiles of Somany, Johnson or equivalent make, of size 300x300 mm, 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.	Sqm	1.00	1170.00	1170.00
	(CSI No. 12.11)	#NAME?			
27	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. completion required for proper completion of work.	Rm	5.00	25.00	125.00
	(CSI No.12.13)	#NAME?			
28	Supply of 80 mm thick I shaped mechanically compressed rubber mould 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 Engineerin- charge but excluding U.P.T.T. which shall be paid extra as per rules.	Sqm	5.00	770.00	3850.00
	(S.I. No. 12.24)	#NAME?			
29	For every coat after first coat on new/old iron work in small areas or new wood work with previously 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.	Sqm	10.00	31.00	310.00
	(S.I. No 13.02)	#NAME?			
30	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.	sqm	10.00	43.00	430.00
	(S.I. No 13.03)	#NAME?			
31	Every coat after first coat or subsequent coat of oil bound distemper including supply of all material, labour T&P etc required for proper completion of the work.	Sqm	80.00	25.00	2000.00
	(S.I. No. 13.09)	#NAME?			
32	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.	Sqm	80.00	58.00	4640.00
	(CSI No. 13.08)	#NAME?			
33	Finishing walls with water proof cement paint of approved made like "Super Snowcem" or equivalent quality on new work with three coats to give an even shade including supply of all materials, labour etc. required for proper completion of work.	sqm	50.00	74.00	3700.00
	(S.I. No. 13.17+13.18)	#NAME?			
34	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.	Sqm	100.00	37.00	3700.00
	(S.I. No. 13.21)	#NAME?			
35	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.	Sqm	100.00	10.00	1000

	(CSI No. 15.12)	#NAME?			
36	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.	NOS	2.00	1348.00	2696.00
	(CSI No. 20.12)	#NAME?			
37	S/laying chicken mesh of (20 mm.)hexagonal heavy quality over roofs of joints of roof as per direction of the Engineer - in - charge.	sqm	10.00	67.00	670
	(CSI No. 20.21)	#NAME?			
38	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.	NOS	2	87.00	174.00
	(CSI No. 27.14)	#NAME?			
39	Providing and fixing 15 mm dia B-class Jindal,JTC, ISI marked G.I. 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.	RM	20.00	179.00	3580.00
	(S.I. No. 26.01a)	#NAME?			
40	Supply and fixing of Syntex or equivalent make water storage tank including all materials, labours, T&P etc required for proper completion of work.	Lit.	500	11.00	5500.00
	(CSI No. 26.12)	#NAME?			
41	P/FBRASS BIB COCK, 15 mm dia (200 gsm) ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work.	Nos.	1	420.00	420.00
	(CSI No. 26.16b)	#NAME?			
42	Providing and fixing CP BRASS Pillar COCK15 mm dia. HEAVY QUALITY (L & K and equi.) fittings, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work.	Each	1	628.00	628.00
	(S.I. No. 26.16j)	#NAME?			
43	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.	Each	1	2236.00	2236.00

	(CSI No. 27.01)	#NAME?			
44	Providing and fixing flat back 430X370X340 mm. size lipped front urinal basin of white glazed earthen ware first quality (Hindustan, Neycer make) I.S.I. marked including supply of all materials,labour and T&P etc. required for proper completion of the work.	Each	1	1901.00	1901.00
	(S.I. No. 27.06)	#NAME?			
45	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.	Each	1	2981.00	2981.00
	(CSI No. 27.08)	#NAME?			
46	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.	Each	1	1320.00	1320.00
	(CSI No. 27.12)	#NAME?			
47	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.	Each	1	112.00	112.00
	(CSI No. 27.13)	#NAME?			
48	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.	Each	1	739.00	739.00
	(CSI No. 27.21a)	#NAME?			
49	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.)	Each	1	655.00	655.00
	(CSI No. 27.23)	#NAME?			
50	Providing and laying SWR, PVC (Finolex or equivalent) pipe excluding 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.75 mm Dia.	RM	5.00	258.00	1290.00
	(CSI No. 27.29a)	#NAME?			
51	Providing and laying SWR, PVC (Finolex or equivalent) pipe excluding 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.110 mm Dia.	RM	10.00	368.00	3680.00
	CSI No. 27.29c)	#NAME?			
52	Providing and fixing SWR, PVC (Finolex or equivalent) Bends including cost of all materials, labour and T&P etc.required for proper completion of the work. (75 mm Dia.)	NOS	1	115.00	115.00
	(S.I. No. 27.30a)	#NAME?			
53	Applying two coat Tapcrete mixed with White Cement and water to proper consistency on leaky surface including supply of all materials, labour etc. required for proper completion of work.	Sqm	20.00	104.00	2080.00
	(CSI No. 28.16)	#NAME?			
54	Supply & Fixing of polycarbonated sheet with flat ,nut and bolt welded as required including cost of drilling holes,bolts nuts ,washer ,welding etc as required including cost of all labour ,material ,T&P required for proper completion of the work except cost of angle iron and flat	Sqm	5.00	1256.00	6280.00
	(NSI approved)	#NAME?			
55	Fire brick 230*115*75/63 mm MHD work with 6 mm thick fire cement ACC mortar in foundation and plinth including supply of all material,labour &T&P etc. Required for proper completion of work.(NSI)	cum	5.00	32714.00	163570.00
	(NSI Approved)	#NAME?			
56	Add to fire brick item no. 30 for extra labour in super structure including necessary cutting and moulding of brick as required and also including honeycomb bric kwork, thickness of wall not to be less than 1.5 brick.	cum	5.00	345.00	1725.00
	(NSI Approved)	#NAME?			
57	Add to fire brick item no. 31 for extra labour in super structure including necessary cutting and moulding of brick as required and also including honeycomb bric kwork, but for wall of one brick thickness	cum	5.00	325.00	1625.00
	(NSI Approved)	#NAME?			
				Total Rs.	387998.35

#NAME?

FORM FOR QUOTING RATES BY THE TENDERER

	Name of the work :	FOR CONSTRUCTION OF FIREWALL & OTHER MISC. CIVIL WORK AT-33/11 K.V. SUB-STATION, DARULSAFA, LUCKNOW.	
	Short term Tender Notice No.	01/ECD(D)/L/2016-17	
	Tender Specification No.	03/ECD(D)/L/2016-17	
	Estimated Cost of the Work	ANNEXURE - A	387249.40
		ANNEXURE - B	387517.02
		ANNEXURE - C	387998.35
	TOTAL RS.	Rs	1162764.77

Rupees Eleven Lakh Sixty Two Thousand Seven Hundred Sixty Four And Seventy Seven Paise Only

I/We offer our rates for the above work as under:-

(Use only ONE of the three options given below. Struck of the other two. If more than one options are found, the lowest offer shall be treated as the quotedrate by the tenderer.

- 1- My/Our rate are% (.....) Below the Estimated rates given in the Bill of Quantities
- 2- My/Our rate are "AT PAR" to the Estimated rates given in the Bill of Quantities.
- 3- My/Our rate are% (.....) Above the Estimated rates given in the Bill of Quantities

Signature of the Tenderer
(with seal, in case of a firm)
Name & Full Postal Address