

Bill of Quantities

CONSTN OF OFFICE BUILDING AT PANCHAYAT SAMITI, JHUMPURA

SL No.	Description of Items	Unit	Quantity	Rate	Amount in Rs
1	2	3	4	5	6
1	Earth Excavation of foundation in hard soil within initial lead & lift including leveling the bed & depositing the soil away working area.	cum	70.47	182.77	12879.8019
2	Filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty of materials.	cum	32.08	410.83	13179.4264
3	Cement concrete (1:3:6) with 4cm size H.G. metal including cost, conveyance & royalty of materials.	cum	11.89	4522.6	53773.714
4	Brick work with Fly ash .Bricks having crushing strength not less than 35 kg/Sqcm in cement mortar (1:6) in F & P including cost, conveyance & royalty of materials.	cum	2.26	4213.5	9522.51
5	Brick work with Fly ash.Bricks having crushing strength not less than 35 kg/Sqcm in cement mortar (1:6) in superstructure including cost, conveyance & royalty of materials.	cum	47.4	4251.43	201517.782
6	Fly ash Brick Massonry(1:6) in 1st floor for wall including all cost,etc complete.	cum	9.71	4508.43	43776.8553
7	RCC M-20 work with crushed granite 20mm down grade course aggregate of approved quality mixing by concrete mixer including hoisting, lowering and laying the concrete in position to proper slope and level and compacting by Vibrators in layers .not exceeding 0.15m depth including watering, curing for required period 28 days, centering & shuttering and finishing exposed surface smooth providing grooves wherever necessary including cost, conveyance, royalty and other taxes of all materials labour, T&P materials required for this item including hire and running charges of the machineries complete.				
	(A) Col Foundation	cum	12.74	4970.83	63328.3742
	(B) Plinth Beam	cum	0.29	5324.47	1544.0963
	(C-1) Col and Beam	cum	27.1	10554.63	286030.473
	(C-2)Column for 1st floor	cum	0.47	11782.81	5537.9207
	(D) Lintel band	cum	9.36	8472.71	79304.5656
	(E) Chhaja	cum	18.51	764.30	14147.193
	(F) Slab	cum	35.94	9029.27	324511.9638
8	Labour for M.S. reinforcement for RCC work including cutting, bending, binding and tying the grills and placing in position including cost of binding wire 18 to 20 gauge.	qtl	87.7	6080.94	533298.438
9	(A)16 mm thick cement plaster in cement mortar (1:6) for brick masonry including cost, conveyance & royalty of materials.	sqm	274.12	200.2	54878.824
	(B)For stair case head room	sqm	40.37	204.90	8271.813
10	12 mm thick cement plaster in cement mortar (1:6) for brick masonry including cost, conveyance & royalty of materials.	sqm	321.72	141.50	45523.38
11	6 mm thick cement plaster in cement mortar (1:4) to RCC surface finished smooth including deep chipping and slury treatment including punning including cost, conveyance & royalty of materials.	sqm	518.71	153.9	79829.469
12	20mm. thick cement plaster grading in c.m. 1:4 including cost conveyance and royalty of materials curing etc. complete.	sqm	417.19	222.4	92783.056
13	Supplying,fitting & fixing of stainless steel of 304 grade in hand railing using 50mm. Dia of 2mm. thick circular pipe with Balustrade of size 32mm.x32mm. x2mm.@ 0.90m.C/C and stainless square pipe bracing of size 32mm.x32mm.x2mm. In 3 rows in stair case as per approved design and specification,buffing,polishing etc. with cost, conveyance, taxes of all materials labour T & P etc. required for the completion in all respect.	RM	7.62	3454.7	26324.814
14	Supplying ,fitting and fixing verified tiles in floors,treads or steps of size 600mm x 600mm of approved make conforming to IS: 13755 laid on 20mm thick cement mortar (1:4) (1 cement : 4 course sand) and filling joints with white cement of approved quality including cost of materials, labour T&P etc required for the work all complete as per direction of Engineer-in-Charge (For New work Only)	sqm	405.15	1077.74	436646.361
15	Manufacturing, supplying, fitting and fixing MS doors & windows & frame made out of 35mmx35mmx6mm size MS angle iron of approved design including cost, conveyance, taxes with all labour charges required for the work.	kg	61.25	86.3	5285.875
16	Painting two coats with enamel paint over priming one coats with ready mixed zinc chromate yellow primer of approved brand on Iron work including labour & material charges.	sqm	5.12	188.9	967.168
17	Labour for fixing G.C.I. Sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc	sqm	21.36	428.2	9146.352
18	Provision for fitting and fixing and cost of RCC Jally and all other taxes etc. complete as per direction of Engineer-in-Charge.	nos	44	150	6600

33	S/F of 32 Amp ICDP Main Swich (Make - Havells / L&T / Anchor)	Each	1	1175.00		1175.00
34	LED 10 Watt Bulb	Each	10	156.00		1560.00
35	S/F of extra running earth with 8SWG (4.0mm) dia copper wire	Mtr	15	59.00		885.00
36	S/F of Standard earthing with G.I earth pipe 3.0mtr long 40mm dia ISI marked including accessories and providing masonry enclosure with cover plate having locking arragement and watering pipe etc with charcoal and salt as required	Each	2	2446.00		4892.00
	Add 1% towards labour Cess				Total	2634490.68
	GST 12%					26344.91
	Total					316138.88

GRAND TOTAL 2976974.47
 Limited to 2976974.00

(Twenty Nine lakhs Seventy Six thousand Nine hundred Seventy Four) only.

K. S. Sharma
 18/6/21
 Assistant Executive Engineer
 Jhumpura Block

S. K. Sharma
 18/6/21
 Block Development Officer
 Jhumpura Block

Executive Engineer
 DRDA, Keonjhar 21/06/2021

My / our quoted rate is _____ % (both in figure and words) excess over / less than / equal to the above estimated cost.

NOTES:

1. The contractor should not write any thing excepting quoting of percentage and in case anything else regarding tender rate is mentioned, the tender is liable for rejection.
2. Strike out which is not applicable.
3. Percentage should be quoted up to 2 (two) digits after the decimal point.
4. Rate of all items are inclusive of cost, carriage, royalty and other taxes of material.

Tenderer
 No. of Correction:
 No. of over writing:
 No. of interpolation:

Bill of Quantities

CONSTN OF OFFICE BUILDING AT PANCHAYAT SAMITI, JHUMPURA

SL No.	Description of Items	Unit	Quantity	Rate	Amount in Rs
1	2	3	4	5	6
1	Earth Excavation of foundation in hard soil within initial lead & lift including leveling the bed & depositing the soil away working area.	cum	70.47	182.77	12879.8019
2	Filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty of materials.	cum	32.08	410.83	13179.4264
3	Cement concrete (1:3:6) with 4cm size H.G. metal including cost, conveyance & royalty of materials.	cum	11.89	4522.6	53773.714
4	Brick work with Fly ash .Bricks having crushing strength not less than 35 kg/Sqcm in cement mortar (1:6) in F & P including cost, conveyance & royalty of materials.	cum	2.26	4213.5	9522.51
5	Brick work with Fly ash.Bricks having crushing strength not less than 35 kg/Sqcm in cement mortar (1:6) in superstructure including cost, conveyance & royalty of materials.	cum	47.4	4251.43	201517.782
6	Fly ash Brick Massonry(1:6) in 1st floor for wall including all cost,etc complete.	cum	9.71	4508.43	43776.8553
7	RCC M-20 work with crushed granite 20mm down grade course aggregate of approved quality mixing by concrete mixer including hoisting, lowering and laying the concrete in position to proper slope and level and compacting by Vibrators in layers .not exceeding 0.15m depth including watering, curing for required period 28 days, centering & shuttering and finishing exposed surface smooth providing grooves wherever necessary including cost, conveyance, royalty and other taxes of all materials labour, T&P materials required for this item including hire and running charges of the machineries complete.				
	(A) Col Foundation	cum	12.74	4970.83	63328.3742
	(B) Plinth Beam	cum	0.29	5324.47	1544.0963
	(C-1) Col and Beam	cum	27.1	10554.63	286030.473
	(C-2)Column for 1st floor	cum	0.47	11782.81	5537.9207
	(D) Lintel band	cum	9.36	8472.71	79304.5656
	(E) Chhaja	cum	18.51	764.30	14147.193
	(F) Slab	cum	35.94	9029.27	324511.9638
8	Labour for M.S. reinforcement for RCC work including cutting, bending, binding and tying the grills and placing in position including cost of binding wire 18 to 20 gauge.	qtl	87.7	6080.94	533298.438
9	(A)16 mm thick cement plaster in cement mortar (1:6) for brick masonry including cost, conveyance & royalty of materials.	sqm	274.12	200.2	54878.824
	(B)For stair case head room	sqm	40.37	204.90	8271.813
10	12 mm thick cement plaster in cement mortar (1:6) for brick masonry including cost, conveyance & royalty of materials.	sqm	321.72	141.50	45523.38
11	6 mm thick cement plaster in cement mortar (1:4) to RCC surface finished smooth including deep chipping and slury treatment including punning including cost, conveyance & royalty of materials.	sqm	518.71	153.9	79829.469
12	20mm. thick cement plaster grading in c.m. 1:4 including cost conveyance and royalty of materials curing etc. complete.	sqm	417.19	222.4	92783.056
13	Supplying,fitting & fixing of stainless steel of 304 grade in hand railing using 50mm. Dia of 2mm. thick circular pipe with Balustrade of size 32mm.x32mm. x2mm.@ 0.90m.C/C and stainless square pipe bracing of size 32mm.x32mm.x2mm. In 3 rows in stair case as per approved design and specification,buffering,polishing etc. with cost, conveyance, taxes of all materials labour T & P etc. required for the completion in all respect.	RM	7.62	3454.7	26324.814
14	Supplying ,fitting and fixing vertrified tiles in floors,treads or steps of size 600mm x 600mm of approved make conforming to IS: 13755 laid on 20mm thick cement mortar (1:4) (1 cement : 4 cource sand) and filling joints with white cement of approved quality including cost of materials, labour T&P etc required for the work all complete as per direction of Engineer-in-Charge (For New work Only)	sqm	405.15	1077.74	436646.361
15	Manufacturing, supplying, fitting and fixing MS doors & windows & frame made out of 35mmx35mmx6mm size MS angle iron of approved design including cost, conveyance, taxes with all labour charges required for the work.	kg	61.25	86.3	5285.875
16	Painting two coats with enamel paint over priming one coats with ready mixed zinc chromate yellow primer of approved brand on Iron work including labour & material charges.	sqm	5.12	188.9	967.168
17	Labour for fixing G.C.I. Sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc	sqm	21.36	428.2	9146.352
18	Provision for fitting and fixing and cost of RCC Jally and all other taxes etc. complete as per direction of Engineer-in-Charge.	nos	44	150	6600

19	Dismantling brick or stone masonry in cement mortar under 3m height including stacking the useful materials for reuse and removing the debris within 50m lead.		cum	39.6	657.08	26020.368
20	Dismantling G C I or AC sheet roofing after carefully removing the bolts and nuts including stacking the useful materials for reuse and removing the debris within 50m lead.		sqm	497.94	69.43	34571.9742
21	Dismantling and removing of old tiled flooring including removing the base coarse stacking the useful materials for reuse and removing the debris within 50m lead		sqm	340.06	95.21	32377.1126
ELECTRICAL WIRING						
22	Recessed wiring to Light Point / Fan Point / Exhaust Fan Point / Call Bell Point with 1.50mm square FR PVC insulated single core multistand copper conductor of ISI marked with 20mm dia non metallic PVC flexible conduit on MS board (Make of Wire - Finolex / L&T / Anchor / Havells / V-Guard / HPL)					
	Group - A L.P F.P C.B.P	Point	10	417.00		4170.00
	Group - B L.P F.P C.B.P	Point	10	642.00		6420.00
	Group - C L.P F.P C.B.P	Point	16	924.00		14784.00
23	Point wiring to 5A / 6Amp Socket outlet with 2 x 1.5 mm square FR PVC insulated single core multistand copper conductor of ISI marked with 20mm dia non metallic PVC flexible conduit on MS board (Make of Wire - Finolex / L&T / Anchor / Havells / V-Guard / HPL)					
		Point	25	423.00		10575.00
24	Supply and fixing of 5 Amp Plug with switch on existing board (Piano type / cover including connection etc. as required					
		Set	25	88.00		2200.00
25	Circuit Sub-main wiring in PVC Conduit (with inverter wiring)					
	2 x 1.5 Sq mm + 1 x 1.5 sq. mm in 20mm dia	Mtr	47	126.00		5922.00
	2 x 2.5 Sq mm + 1 x 1.5 sq. mm in 20mm dia	Mtr	68	140.00		9520.00
	2 x 4.0 Sq mm + 1 x 1.5 sq. mm in 20mm dia	Mtr	53	157.00		8321.00
26	S/F of Bakelite angle holder / batten holder (Make - Cona / Anchor)					
		Set	30	58.00		1740.00
27	Supply of AC Ceilling Fan of 48" size (Make - Havells / Usha / Phillips)					
		Each	14	1914.00		26796.00
28	Installation, testing and commissioning of Ceilling fan including wiring the down rod of standard length with 1.5 sq.mm FR PVC insulated single core multistand copper conductor etc. as required					
		Each	14	121.00		1694.00
29	S/F of electronic step type fan regulator (Make - Havells / Cona / Anchor)					
		Each	14	233.00		3262.00
30	S/F of 4 way double door horizontal SP MCB DP on recess without MCB (Make - Havells / Anchor / HPL)					
		Each	5	841.09		4205.00
31	S/F of 5Amp to 16 Amp SP MCB (Make - Havells / Anchor / HPL)					
		Each	10	130.00		1300.00
32	S/F of 20 watt LED Tube Light (Make - Philips / Havells / CGJ)					
		Each	30	783.00		23490.00

33	S/F of 32 Amp ICDP Main Swich (Make - Havells / L&T / Anchor)					
	Each	1	1175.00			1175.00
34	LED 10 Watt Bulb	Each	10	156.00		1560.00
35	S/F of extra running earth with 8SWG (4.0mm) dia copper wire					
	Mtr	15	59.00			885.00
36	S/F of Standard earthing with G.I earth pipe 3.0mtr long 40mm dia ISI marked including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc with charcoal and salt as required					
	Each	2	2446.00			4892.00
					Total	2634490.68
	Add 1% towards labour Cess					26344.91
	GST 12%					316138.88

Total

GRAND TOTAL 2976974.47
Limited to 2976974.00

(Twenty Nine lakhs Seventy Six thousand Nine hundred Seventy Four) only.

K. S. Chohan
18/6/21
Assistant Executive Engineer
Jhumpura Block

[Signature]
18/6/21
Block Development Officer
Jhumpura Block

[Signature]
21/06/2021
Executive Engineer
DRDA, Keonjhar

My / our quoted rate is _____ % (both in figure and words) excess over / less than / equal to the above estimated cost.

NOTES:

1. The contractor should not write any thing excepting quoting of percentage and in case anything else regarding tender rate is mentioned, the tender is liable for rejection.
2. Strike out which is not applicable.
3. Percentage should be quoted up to 2 (two) digits after the decimal point.
4. Rate of all items are inclusive of cost, carriage, royalty and other taxes of material.

Tenderer

No. of Correction:

No. of over writing:

No. of interpolation: