

**TENDER SCHEDULE ( Bill of quantities )**

**Tender Inviting Authority: Block Development Officer, Raikia, Kandhamal.**

1	Name of the Work :-	Construction of office building of Raikia Block
2	Estimated Cost :-	Rs. 40,00,000.00 ( Rupees fourty lakh ) only
3	Tender Amount :-	Rs. 33,89,841.00 ( Rupees thirty three lakh eighty nine thousand & eight hundred forty one ) only
4	E.M.D Required :-	Rs. 33,898.00 ( Rupees thirty three thousand eighty hundred ninety eight ) only
5	Cost of Tender Paper :-	Rs. 6000.00 ( Rupees six thousand ) only
6	Class of Contractor :-	"B" & "C" class
7	Time of Completion :-	06 (Six) Calender Month
8	Last date of Sale of Tender Paper :-	<del>17-01-2023</del>
9	Last date of Receive of Tender Paper :-	<del>17-01-2023</del> up to 2:00 PM
10	Date of Opening of tender Paper :-	<del>17-01-2023</del> (at 4.00pm) at Block Office Raikia

SI No	Description of Items	Unit	Qty	Rate ( IN Rs.)	Amount ( IN Rs.)
1	Earthwork in excavation of foundation & plinth in hard soil mixed with gravels including dressing and levelling the bed up to the required depth & removing the excavated earth & depositing the same away from the work site within initial lead of 50 mtr & initial lift of 1.5 mtr, including cost of labour T&P articles required for the work including shoring, shuttering, propping & dewatering if required, etc. complete in all respect as per the specification & direction of the Engineer-in-Charge.	Cum	81.36	195.38	15896.00
2	Supplying and filling foundation trenches and plinth, ditches with sand well watered and rammed in layers not exceed 23.5cm(9") in depth with all lead and lift including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, sundries, T&P required for the work etc complete in all respect as per direction by the Engineer -in- Charge	Cum	191.63	428.58	82129.00
3	Providing and laying plain cement concrete of proportion (1:3:6) in foundation and floors using 4 cm. size black hand broken granite stone metal and screened and washed sharp sand for mortar of approved quality and from approved quarry including hoisting, lowering, laying concrete, ramming, watering and curing etc. complete to required levels laid in layers not exceeding 15 cm. thick in each layer including cost, conveyance, royalties, taxes of all materials and cost of all labours, T&P etc required for the work including shoring, shuttering and dewatering if required including hire & running charges of all machineries required for the work etc complete as per the direction of the Engineer -in -charge	Cum	31.31	4897.21	153332.00
4	Random rubble H.G. stone masonry in cement mortar (1:6) n foundation and plinth including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-charge	Cum	26.04	3718.71	96835.00
5	Brick Masonry work with Fly Ash brick of size 25 cm. x 12 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm. in cement mortar of mix (1:6) with screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in superstructure including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-charge.				
	Foundation and Plinth	Cum	8.86	4636.45	41079.00

6	Brick Masonry work with Fly Ash brick of size 25 cm. x 12 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm. in cement mortar of mix (1:6) with screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in superstructure including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-charge.				
	A) Super structure	Cum	77.75	4674.78	363464.00
	B) First floor	Cum	11.44	4910.03	56171.00
7	R.C.C (M 20) using 20 mm and down graded H.G crusher broken chips of approved quality and from approved quarry including hoisting, lowering, laying concrete, ramming, watering and curing etc. complete and cost, conveyance royalties and taxes of all materials, labour and T&P required for the work etc complete as directed by Engineer – in- charge.				
	A) Ground floor	Cum	87.40	5917.76	517212.00
	B) First floor	Cum	1.01	5992.35	6052.00
8	Providing, Cutting, straightening coiled or bent up Fe-415 grade steel welding or jointing if necessary, bending, binding, tying the grills as required for RCC works, and hoisting, lowering and placing in proper position according to approved designs and drawings including cost, conveyance, loading, unloading, taxes of M.S. rods, Fe-415 or equivalent and binding wires of 18 to 20 gauge required for the work and cost of all labour, sundries, T&P and scaffolding complete in all respect as directed by the Engineer-in-Charge (payment will be made according to the actual weight of M.S. rod, Fe-415 or equivalent consumed in the work and no separate payment will be made towards weight of binding wires which is to be borne by the contractor at his own cost) as per the direction of Engineer-in-charge.				
	A) Ground floor	Qtl	94.22	9347.26	880699.00
	B) First floor	Qtl	1.01	9557.11	9653.00
9	Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after required period of casting including cost of all materials, labour required for the work complete as directed by Engineer – in- charge..				
	A) Ground floor				
	I) Plinth bend/Column footing	Sqm	65.03	102.76	6682.00
	II) Lintel	Sqm	49.62	267.58	13277.00
	III) Column & Beam	Sqm	187.41	749.40	140445.00
	IV) Roof slab & Chajjah	Sqm	224.57	436.17	97951.00
	V) Staircase	Sqm	17.32	611.82	10597.00
	B) First floor				
	I) Column	Sqm	10.51	899.28	9451.00
	II) Lintel	Sqm	0.81	321.10	260.00
	III) Chajjah	Sqm	1.14	523.41	597.00
10	Providing 20mm thick cement plaster for grading with cement mortar (1:4) including finishing the plaster surface smooth using wooden floats only to proper plumbs and level as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.				
	Ground floor	Sqm	246.44	245.81	60577.00

11	Providing 12mm thick cement plaster to the outside surface of brick masonry wall with cement mortar (1:6) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and levels as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per direction of the Engineer-in-charge				
	A) Ground floor	Sqm	196.26	154.55	30332.00
	B) First floor	Sqm	77.81	159.42	12404.00
12	Providing 16mm thick cement plaster to the inside surface of Brick masonry work with cement mortar (1:6) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and level as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.				
	A) Ground floor	Sqm	661.37	217.97	144159.00
	B) First floor	Sqm	34.77	222.32	7730.00
13	Providing 20 mm thick cement plaster to the outside surface of stone masonry work with cement mortar (1:6) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and level as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.				
	Ground floor	Sqm	59.45	231.78	13779.00
14	Providing 6mm thick cement plaster(1:4) to R.C.C surface finished smooth including deep chipping and slurry treatment, curing etc complete. to the inside surface as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.				
	Ground floor	Sqm	255.96	160.73	41140.00
15	Supplying, fitting and fixing vetrified tiles of 8mm to 10mm thickness & 600 MM X 600 MM size of Marbonite or equivalent made in floors over 25 mm thick cement plaster in cement mortar ( 1:1) jointing with neat cement slushy mixed with pigment to match the shade of the tiles etc complete with all cost, conveyance, taxes of all materials, labour, T&P etc required for the work complete in all respect.				
	Ground floor	Sqm	175.34	1274.77	223518.00
16	Supplying, fitting and fixing ceramic tiles of approved quality , size & thickness in floors over 25 mm thick cement plaster in cement mortar ( 1:1) jointing with neat cement slushy mixed with pigment to match the shade of the tiles etc complete with all cost, conveyance, taxes of all materials, labour, T&P etc required for the work complete in all respect.				
	Ground floor	Sqm	18.53	1058.94	19622.00
17	Supplying, fitting and fixing chequered tiles of approved quality , size & thickness in floors over 25 mm thick cement plaster in cement mortar ( 1:1) jointing with neat cement slushy mixed with pigment to match the shade of the tiles etc complete with all cost, conveyance, taxes of all materials, labour, T&P etc required for the work complete in all respect.				
	Ground floor	Sqm	16.32	905.75	14782.00

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18	Providing, fitting and fixing of pre cast verified wall tiles of approved quality, thickness and sizes in dadoes skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including finished smooth, watering, curing with cost conveyance, royalties taxes of all materials, all labour, T&P required for the work etc. complete in all respect as per the direction of Engineer in-charge.				
	Ground floor	Sqm	31.84	1357.46	43222.00
19	Priming 1-coat with any approved primer ( Water bound ) on interior plastered surface including cost,carriage & taxes of all materials , labour , T&P etc. complete as per the direction of EIC.				
	A) Ground floor	Sqm	1141.2	61.91	70652.00
	B) First floor	Sqm	77.81	63.21	4918.00
20	Distempering 2-coats to interior walls with distemper of approved shade on new work to give on even shade including cost,carriage & taxes of all materials , labour , T&P etc. complete as per the direction of EIC.				
	Ground floor	Sqm	885.48	67.32	59611.00
21	Painting 2-coats with Approved quality weather coats over exterior plastered surface including cost,carriage & taxes of all materials , labour , T&P etc. complete as per the direction of EIC.				
	A) Ground floor	Sqm	255.72	68.18	17435.00
	B) First floor	Sqm	77.81	68.81	5354.00
22	Painting 2-coats with approved enamel paint over a coat of red oxide primer to new iron works with sand papering, cleaning including cost,carriage & taxes of all materials , labour , T&P etc. complete as per the direction of EIC.				
	Ground floor	Sqm	88.36	197.61	17461.00
23	Supplying fitting and fixing of M.S grills, MS door, M.S gates, shutters of approved quality and design to windows and openings and stair case railing and parapet railing etc made of M.S flat, Angle, sheets in proper position including making holes in walls RCC structure and wood work etc and making good to the damages to walls or R.C.C. structure including mending or cutting to sizes or grooved in walls and fixing with R.C.C.(1:2:4) with hard black broken granite stone chips of 12mm to 20mm ( 1/2" to 3/4") (20mm not to exceed 25%) with cost and conveyance of all materials, labour ,taxes and royalties with all T&P etc. complete. In all floors.				
	A) Ground floor	Kg	92.90	100.00	9290.00
	B) First floor	Kg	123.32	100.00	12332.00
24	Supplying fitting and fixing of PVC door shutters with frames of approved quality and design including making holes in walls RCC structure and wood work etc and making good to the damages to walls or R.C.C. structure including mending or cutting to sizes or grooved in walls and fixing with R.C.C.(1:2:4) with hard black broken granite stone chips of 12mm to 20mm ( 1/2" to 3/4") (20mm not to exceed 25%) with cost and conveyance of all materials, fittings, labour, taxes and royalties with all T&P etc. complete. In all floors.				
	Ground floor	Sqm	6.503	3000.00	19509.00
25	Supplying fitting and fixing of GCI deck sheet in roofing of approved quality and design with 10 % lapping including making holes in walls RCC structure and wood work etc and making good to the damages to walls or R.C.C. structure including mending or cutting to sizes or grooved in walls and fixing with R.C.C.(1:2:4) with hard black broken granite stone chips of 12mm to 20mm ( 1/2" to 3/4") (20mm not to exceed 25%) with cost and conveyance of all materials, fittings, labour, taxes and royalties with all T&P etc. complete. In all floors.				
	First floor	Sqm	16.96	1321.61	22415.00

26	Supplying fitting and fixing of 0.05 X 0.05 m size GI square bars in roofing of approved quality and design including making holes in walls RCC structure and wood work etc and making good to the damages to walls or R.C.C. structure including mending or cutting to sizes or grooved in walls and fixing with R.C.C.(1:2:4) with hard black broken granite stone chips of 12mm to 20mm ( 1/2" to 3/4") (20mm not to exceed 25%) with cost and conveyance of all materials, fittings, labour, taxes and royalties with all T&P etc. complete. In all floors.				
	First floor	Kg	284.32	125	35540.00
27	Supplying fitting and fixing in position of 50 mm thick precast Cement concrete Jally (1:2:4) & finishing in CM (1:3) of approved quality and design including making holes in walls RCC structure and wood work etc and making good to the damages to walls or R.C.C. structure including mending or cutting to sizes or grooved in walls and fixing with R.C.C.(1:2:4) with hard black broken granite stone chips of 12mm to 20mm ( 1/2" to 3/4") (20mm not to exceed 25%) with cost and conveyance of all materials, fittings, labour, taxes and royalties with all T&P etc. complete. In all floors.				
	First floor	Sqm	0.84	330.00	277.00
28	Cost of citizen information board of brick masonry finished for painting, lettering required information including all cost of materials, labour, paint etc complete as per direction of the Engineer in charge.	No	1	2000.00	2000.00
	<b>Total</b>				<b>3389841.00</b>

( Total twenty eight items ) only

  
Block Dev. Officer  
Raikia