

BILL OF QUANTITY

Name of the work :-

**Construction of Sub Centre Building at Kendeiposi under Patna block for the year 2022-23
under OMBADC.**

TENDER AMOUNT	Rs. 3897377.00
EMD @ 1%	Rs. 39000.00
COST OF TENDER PAPER	Rs 6000.00
TIME OF COMPLETION	Nine months
CLASS OF CONTRACTOR	C & B

SI No	Item of Work	Quantity	Unit	Rate	Amount
1	2	3	4	5	6
1	Earth work in excavation of foundation in hard soil or gravelly soil within 50 m initial lead and initial lift, including dressing and levelling the bed etc. complete	90.17	Each cum	215.15	19400.08
2	Filling in foundation and plinth with excavated earth including watering and ramming as directed by the E.I.C. etc. complete	90.17	Each cum	143.43	12933.38
3	Supplying and filling foundation and plinth with sand well watered and rammed with cost conveyance and royalty, taxes of all materials and labour (T&P) etc. complete.	79.74	Each cum	346.42	27623.46
4	Cement Concrete (1:3:6) in Foundation using 4 cm size bhg metal including watering, curing with cost, conveyance, royalty and taxes of all materials and cost of all labour (T&P) etc. complete as per the direction of Engineer-in-Charge.	24.52	Each cum	4207.37	103164.72
5	Cement Concrete (1:1.5:3) using 12mm size cbhg chips including watering, curing with cost, conveyance, royalty and taxes of all materials and cost of all labour (T&P) etc. complete as per the direction of Engineer-in-Charge.	1.02	Each cum	6587.81	6719.56
6	R.C.C. M20 using 20 mm & down size b.h.g.c.b chips including watering, curing with cost, conveyance, taxes and cost of all labour (T&P) etc. complete as per the direction of Engineer-in-Charge.				
A	Foundation footing	13.40	Each Cum	4912.39	65825.96
B	Plinth Beam	6.05	Each Cum	5276.88	31925.13
C	Column and Beams				
a	GF	8.58	Each Cum	10767.90	92388.58
b	FF	7.12	Each Cum	12045.58	85764.55
c	2nd F	1.18	Each Cum	13575.03	15747.04
D	Lintel				
a	GF	3.64	Each Cum	8539.98	31085.53
b	FF	2.46	Each Cum	9372.08	23055.32
E	Sunshade				
a	GF	8.28	Each Sqm	790.52	6547.57
b	FF	6.14	Each Sqm	891.69	5473.20
c	2nd F	0.84	Each Sqm	1012.85	847.76

F	R.C.C Shelves				
a	GF	2.14	Each Sqm	762.93	1631.91
b	FF	1.12	Each Sqm	871.73	972.85
G	R.C.C Stair				
a	GF	1.42	Each Cum	10289.54	14604.56
b	FF	1.42	Each Cum	11471.54	16282.24
H	Roof slab,landing & Chajja				
a	GF	10.21	Each Cum	9132.25	93240.30
b	FF	8.69	Each Cum	10082.80	87619.54
c	2nd F	1.26	Each Cum	11219.69	14136.81
7	Cutting, Bending, binding and tying the grills and placing in position including cost, conveyance, taxes of all materials and cost of all labour (T&P) etc. complete as per the direction of Engineer-in-Charge.				
a	GF	48.19	Each Qntl	9185.00	442625.15
b	FF	25.46	Each Qntl	9396.95	239246.36
c	2nd F	3.20	Each Qntl	9619.50	30782.40
8	20mm thick C.P. (1:4) as grading plaster including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.				
a	FF	77.58	Each Sqm	231.75	17978.93
b	2nd F	12.50	Each Sqm	236.91	2961.37
9	Fly Ash Brick masonry with CM (1:6) in foundation including watering, curing with cost, conveyance, royalty and taxes of all materials & labour (T&P) etc. complete as per the direction of Engineer-in-Charge.	38.34	Each Cum	4217.84	161712.00
10	Fly Ash Brick masonry with CM (1:6) in superstructure including watering, curing with cost, conveyance, royalty and taxes of all materials & labour (T&P) etc. complete as per the direction of Engineer-in-Charge.				
a	GF	50.39	Each Cum	4251.17	214216.48
b	FF	37.98	Each cum	4488.77	170483.66
c	2nd F	8.98	Each cum	4762.03	42763.00
11	16mm thick C.P. (1:6) including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.				
a	GF	305.83	Each Sqm	200.48	61307.45
b	FF	252.28	Each Sqm	207.78	52418.67
c	2nd F	26.20	Each Sqm	215.46	5644.88
12	12mm thick C.P. (1:6) including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.				
a	GF	180.05	Each Sqm	139.98	25202.77

b	FF	195.34	Each Sqm	144.89	28302.63
c	2nd F	95.37	Each Sqm	150.05	14311.12
13	Supplying, fitting, fixing of Vetrified tile flooring on 20mm thick bed of C.M. (1:4) jointed with neat cement slurry & pigment to match the shade including watering & curing with cost, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.				
a	GF	73.50	Each Sqm	961.68	70683.23
b	FF	58.68	Each Sqm	970.43	56944.62
14	Supplying, fitting, fixing of Vetrified tile in dados on 12mm thick C.P. (1:3) jointed with neat cement slurry & pigment to match the shade including watering & curing with cost, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.				
a	GF	13.74	Each Sqm	1389.51	19091.87
b	FF	10.05	Each Sqm	1416.72	14238.01
15	Fixing tiles (Vitrified Industrial Tiles) in floors treads or steps and landing on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing with cost, conveyance of all materials etc. complete.				
a	GF	29.10	Each Sqm	1226.91	35703.94
b	FF	33.91	Each Sqm	1245.82	42239.69
c	2nd F	0.33	Each Sqm	1265.68	411.98
16	Supplying, fitting, fixing of Vetrified Industrial tile in dados on 12mm thick C.P. (1:3) jointed with neat cement slurry & pigment to match the shade including watering & curing with cost, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.				
a	GF	9.90	Each Sqm	1278.85	12666.37
b	FF	6.65	Each Sqm	1306.06	8684.66
17	6mm thick C.P. (1:4) as ceiling plaster including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.				
a	GF	139.59	Each Sqm	157.45	21978.17
b	FF	115.89	Each Sqm	160.89	18645.63
c	2nd F	10.77	Each Sqm	166.80	1796.47
18	Providing, supplying and fitting and fixing of M S Door / Window shutters, gates & M.S. grills as per approved design etc. complete.M.S.Grill				
		50.00	Each KG	95.33	4766.36
19	Providing, supplying and fitting and fixing of M.S. Door / Window shutters, gates & M.S. grills as per approved design etc. complete.M.S door/window				
		2733.25	Each KG	152.58	417036.55
20	Wall painting two coat with plastic emulsion paint over a coat of priming including cost of all materials and labour etc.				
a	GF	409.73	Each Sqm	144.51	59210.87
b	FF	336.36	Each Sqm	147.23	49522.36

c	2nd F	37.73	Each Sqm	150.03	5660.60		
21	Finishing wall surface with Acrylic wall putty(water based of approved make and finished smooth and even to receive paint in including cost of scaffolding etc complete						
a	GF	409.73	Each Sqm	73.87	30266.47		
b	FF	336.36	Each Sqm	75.06	25248.52		
c	2nd F	37.73	Each Sqm	76.29	2878.54		
22	Painting two coats over a coat of primer with any approved Enamel paints including cost, conveyance of all materials and labour (T&P) etc. complete as per the direction of Engineer-in-Charge.						
a	GF	77.77	Each Sqm	197.67	15373.00		
b	FF	63.36	Each Sqm	202.08	12803.98		
c	2nd F	5.13	Each Sqm	206.63	1060.01		
23	Finishing out side wall surface with Weather Coat (I.S.I) two coats with any approved shade over a coat of priming including cost of all materials and labour (T&P) etc. complete as per the direction of Engineer-in-Charge.						
a	GF	215.74	Each Sqm	137.99	29770.05		
b	FF	245.35	Each Sqm	151.04	37056.50		
c	2nd F	84.70	Each Sqm	154.85	13116.30		
24	Supplying, fitting and fixing of stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm 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 complete as per the direction of Engineer-in-Charge.	26.83	Each Rmt	3508.95	94142.66		
25	Providing and fixing 100 mm dia PVC rain water pipe with all cost of labour and materials etc. complete.	24.00	Each Rmt	250.05	6001.20		
					3373945.52		
1	Recessed wiring to light point / fan point / exhaust fan point / call bell point with 1.5 sq.mm FRLS PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non-metallic PVC flexible conduit with 5 Amp, 250 V ISI marked and ceiling rose ISI marked mounted on MS box having front bakelite cover of suitable size, MS box with 1.5 sq.mm FRLS PVC insulated single core multistrand copper conductor as earth wire including all accessories, connection as per direction of Engineer in Charge. (Make of wire Finolex / L&T / Anchor / Havels / Polycab)						
	Group-A -L.P-	F.P-	C.B.P-	20	Point	429	8580.00
	Group-B L.P-	F.P-	C.B.P-	20	Point	665	13300.00
	Group-C L.P-	F.P-	C.B.P-	20	Point	962	19240.00

2	Point wiring to 5A /6Amp socket outlet with 2 X 1.5sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked with 20mm dia non-metallic PVC flexible conduit on MS board (Make of wire -Finolex/ L&T/ Anchor/ Havells)	2	Point	435	870.00
3	Supply and fixing of 5 Amp plug with switch on existing board (Piano type/cover including connection etc. as required)	12	Set	90	1080.00
4	S/F of 3 pin 15 Amp plug point on M.S. Board (Make-Cona/Anchor)	4	Each	276	1104.00
5	Circuit Submain wiring in PVC Conduit				
	2 X 1.5 sq.mm +1 X 1.5 sq.mm in 20 mm dia	40	Mtr.	130	5200.00
	2 X 2.5 sq.mm +1 X 1.5 sq.mm -do-	210	Mtr.	142	29820.00
	2 X 4 sq.mm +1 X 1.5 sq.mm -do-	30	Mtr.	161	4830.00
	2 X 6 sq.mm +1 X 2.5 sq.mm -do-	10	Mtr.	192	1920.00
6	S/F of Bakelite angle holder/batten holder of ISI marked including connection etc as required .	41	Each	58	2378.00
7	S/F of 15 watt LED bulb (Havells/Phillips/CG)	41	Each	156	6396.00
8	S/F of AC ceiling fan 36" high speed(Usha-Allure plus/Havells/Bajaj/CG)	10	Each	1915	19150.00
9	Supply and fixing of Electronic Step Type fan regulator (Make-Cona/ Anchor/ Cona /Bajaj)	10	Each	233	2330.00
10	Installation, Testing and commissioning of ceiling fan including wiring the down rod of standard length(up to 30 cm) with 1.5 sq.mm FR PVC inslated single core multistrand copper conductor etc. as required.	10	Each	123	1230.00
11	Supply of 12" Exhaust fan heavy duty (Make-Usha /Almonard)	7	Each	1697	11879.00
12	Installation, Testing and commissioning if exhaust fan up to 450mm sweep in the existing opening including making the hole to suit the size of the above fan, making good the damage complete, connection, etc as required.	7	Each	606	4242.00
13	S/F of computer board consisting 3 nos 5amp and 1 nos 15amp switch and socket (Make-Havells/Anchor)	1	Each	879	879.00
14	S/F of 20 watt LED tube light fitting.(Havells/Phillips/CG)	10	Each	783	7830.00
15	S/F of 30 watt LED street light(Havells/Phillips/HPL)	4	NOS	3485	13940.00
16	S/F of G.I. Bend pipe for street light	2	NOS	480	960.00
17	Supply and fixing of 12 way double door single pole MCB DB with sheet steel enclosure,distribution board,on suface/recess,complete with tinned copper bus bar,neutral bus bar,earth bar,din bar,detachable gland plate,interconnection,phosphate and powder painted including earthing etc as required.	2	Each	1902	3804.00
18	Supply and fixing of 6Amp single pole MCB(Make-Havells/L&T)	14	Each	131	1834.00
19	Supply and fixing of 10Amp single pole MCB(Make-Havells/L&T)	5	Each	131	655.00

20	S/F of 32 Amp DP MCB (L&T/Havells)	1	Each	681	681.00
21	S/F of 63 Amp DP MCB (L&T/Havells)	1	Each	1093	1093.00
22	S/F of 63 Amp ICDP main switch (Havells/L&T/Anchor)	1	Each	3453	3453.00
23	S/F of 63Amp 4 way TPN Copper Bus-bar with Bus bar chamber (Havells/L&T)	1	Each	5172	5172.00
24	S/F of 6 sq.mm 2 core Aluminium unarmoured cable (Havells / Polycab / HPL)	59.87	Mtr.	108	6465.96
25	Supply and fixing of Earthing with G.I earth pipe 3mtr. 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.	2	Each	2462	4924.00
26	Supply of Extra running earth with 8 SWG (4mm) dia copper wire	20	Mtr.	60	1200.00
					186439.96
	PH WORK (Internal)				
1	Supplying all materials , labour, T&P and providing and fixing to wall or ceiling and floor PVC pipes conforming to ASTM-D-1785/89 (Sch-80) and G.I pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor ,testing all complete as per P.H. specification and direction of Engineer-in-charge				
a)	15mm dia ASTM (Sch-80) PVC Pipe	5.00	mtr	99.40	497.00
b)	20mm dia ASTM (Sch-80) PVC Pipe	10.00	mtr	119.60	1196.00
c)	25mm dia ASTM (Sch-80) PVC Pipe	15.00	mtr	153.10	2296.50
d)	32mm dia ASTM (Sch-80) PVC Pipe	20.00	mtr	205.50	4110.00
2	Supplying all materials, labour, T&P and cutting holes through existing brick work including making good the damages in cement mortar(1:4) for taking GI pipes and fittings/PVC pipes and fittings etc.all complete as per PH specification and direction of the Engineer-in-charge.	5	each	46.00	230.00
3	Supplying all materials , labour, T&P and cutting holes in RCC floors and roofs upto 19cm thick for passing P.V.C pipes and G.I fittings etc. , and repairing the holes after insertion of pipe etc. with cement concrete (1:2:4) including finishing complete so as to make it leak-proof as per P.H. specification and direction of Engineer-in-charge	4	each	152.10	608.40
4	Supplying all materials , labour, T&P and cutting grooves in pucca floors and walls for taking P.V.C pipes and G.I fittings etc. and making good the damages including finishing complete as per P.H. specification and direction of Engineer-in-charge	10.00	mtr	168.80	1688.00
5	Supplying all materials , labour, T&P and fitting and fixing brass/CP fittings of following nominal bore with supply of all jointing materials complete as per P.H. specification and direction of Engineer-in-charge				
i)	15mm dia. C.P angle stop cock (Jaquar make)	6	each	656.40	3938.40

ii	15mm dia.long body C.P bib cock (Jaquar make)	9	each	875.30	7877.70
iii	20mm dia. C.P concealed stop cock (Jaquar make)	3	each	1137.90	3413.70
iv	25mm dia. Brass Full Way Valve (Shakti make)	3	each	779.30	2337.90
v	32mm dia. Brass Full Way Valve (Shakti make)	2	each	1134.70	2269.40
viii	15mm dia. C.P extension piece	15	each	40.40	606.00
ix	125mm dia CP grating	9	each	67.50	607.50
x	15mm dia. C.P flange	15	each	20.20	303.00
6	Supplying all materials ,labour ,T&P and fitting and fixing CP shower with 15mm or 20mm inlet including polishing etc.all complete as per specification and direction of Engineer-in-charge	5	each	543.90	2719.50
7	Supplying all materials , labour, T&P and fixing rotational moulded polyethylene cylindrical vertical water storage tanks conforming to IS:12701/1996 including cutting holes through the tank and fixing mild steel tubes and fittings and providing extra sockets and jam nuts, fixing ball valve etc. including hoisting upto a height of 5 metres above ground level and placing the tank to the required position and providing 5.40 mtr. lengthx0.25 mtr width KB brickwork in cement mortar (1:6) of 0.46m height in staging and 0.13mtr thick circular protection wall of 0.46mtr height to support the tank,12mm thick cement plaster in cement mortar (1:6) over brick work, RCC slab of size 1.60mX1.60m and 0.10m thick ,RCC beam of 0.25mx0.30m and 2.60m average length in cement concrete (1:2:4) using 12mm size crusher broken hard black granite chips including centering and shuttering,watering,curing ,cost of all materials,conveyance of all materials to worksite , payment of royalty, all taxes etc.all complete as per approved drawing , P.H specification and direction of Engineer-in-charge.				
	1000 ltrs capacity rotational moulded polyethylene cylindrical vertical water storage tank	1	each	19613.90	19613.90
8	Supplying all materials,labour,T&P and fitting and fixing U-PVC SWR soil waste ventilating pipes and fittings of the following outside diameter conforming to ISI No.13592/1992 to walls with nails,bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method/as per manufacturer's				
i	110mm dia. U-PVC SWR pipes(Ori-plast make Type-	20.00	mtr	309.80	6196.00
ii	110mm dia. U-PVC "P" trap	4	each	238.10	952.40
iii	110mm dia. U-PVC door bend	4	each	139.40	557.60
iv	110mm dia. U-PVC plain bend	4	each	87.10	348.40
v	110mm dia. U-PVC offset without ear	2	each	122.00	244.00
vi	110mm dia. U-PVC vent cowl	2	each	40.70	81.40
vii	110mm dia. U-PVC plain tee	3	each	122.00	366.00
viii	110mm dia. U-PVC door tee	2	each	145.20	290.40
ix	110mm dia. U-PVC plain shoe bend	2	each	171.70	343.40
x	110mm dia U-PVC door cross tee	2	each	336.80	673.60

xi	110mm dia. U-PVC Socket	6	each	34.80	208.80
9	Supplying all materials , labour, T&P and cutting holes through existing brick or laterite masonry wall for taking U-PVC / HCl pipes and fittings including making good the damages etc. all complete as per P.H. specification and direction of Engineer-in-charge	5	each	192.40	962.00
10	Supplying all materials , labour, T&P and cutting of RCC roof or cornice for taking HCl or U-PVC pipe and fittings including making good the damages etc. all complete as per P.H. specification and direction of Engineer-in-charge	2	each	145.40	290.80
11	Supplying all materials , labour, T&P and cutting of RCC chajja for taking HCl or U-PVC pipe and fittings including making good the damages etc. all complete as per P.H. specification and direction of Engineer-in-charge	2	each	109.40	218.80
12	Supplying all materials , labour, T&P and fixing Vitreous china water closet ,squatting pan (Indian type W.C. pan / Orissa pattern squatting pan) duly embedded in cement concrete 1:5:10 using hard granite metal 4cm nominal size including fixing a pair of vitreous china 250mmx130mmx30mm foot rest, fixing 100mm dia hci 'P' or 'S' trap for water closet squatting pan including jointing the trap with				
a)	580mmx440mm size Orissa Pan (White)	5	each	2048.30	10241.50
13	Supplying all materials ,labour ,T&P and fixing 10 litres capacity PVC low level flushing cistern with a pair of PVC brackets complete with fittings such as pvc siphonic arrangements, 15mm dia nominal size pvc ball valve with polythene float ,pvc handles, unions and couplings for connection with inlet, outlet and overflow pipes, 32mm dia CP long flush bend, 15mm dia pvc inlet connection pipe including cutting holes and making good the same and connecting the flush bend with cistern and closet , and connecting the inlet pipe with supply main etc.all complete as per specification and direction of Engineer-in-charge				
a)	10 ltrs. capacity PVC low level cistern (Slimline-Deluxe-white-Parryware make)	5	each	1336.80	6684.00
14	Supplying all materials ,labour ,T&P and fixing wash kitchen sink with outlet at end and weir overflow including fitting and fixing a pair of cast iron or MS brackets painted white, fixing 50mm/40mm dia CP brass waste , fixing 50mm/40mm dia PVC waste pipe 910mm long with supply of wooden plugs, screws and cement etc. including cutting holes in walls and making good the damages etc.all complete as per specification and direction of Engineer-in-charge				
a)	600x450x250 mm stainless steel Kitchen sink (Jayna make)	3	each	4872.30	14616.90

15	Supplying all materials ,labour ,T&P and fixing Wash basin with hole for pillar taps with cast iron or MS brackets painted white including cutting holes in walls and making good the damages with supply of wooden plugs, screws and cement etc. fixing pedestral for wash basin recessed at the back for the reception of pipes and fittings, fixing PVC waste pipe of 32mm nominal diameter for wash basin including brass check nut complete, fixing pillar taps capstan head screw down high pressure lettered 'Hot' and 'Cold' with long screws, shanks and back nuts of 15mm dia nominal bore, fixing 15mm dia PVC inlet connection pipe and making connection with pillar cocks and supply mains for wash basin , fixing 12mm dia CP brass waste etc.all complete as per specification and direction of Engineer-in-charge.				
a)	550mmx400mm size wash hand basin(Parryware white)	2	each	1961.20	3922.40
16	Supplying all materials ,labour ,T&P and fixing Mirror of superior glass mounted on 6mm thick A.C. sheet or ply wood sheet and fixed to wooden plugs with chromium plated brass screws and washers etc.all complete as per specification and direction of Engineer-in-charge				
a)	600mmx450mm size B.E mirror (fixed type)	3	each	644.00	1932.00
17	Supplying all materials ,labour ,T&P and fixing standard sized CP brass towel rail complete with CP brass brackets fixed to wooden plugs with chromium plated brass screws etc.all complete as per specification and direction of Engineer-in-charge				
a)	25mmx600mm long CP Towel rail	5	each	416.00	2080.00
b)	C P Towel Ring	5	each	282.00	1410.00
18	Supplying all materials ,labour ,T&P and fixing CP Soap Holder complete with CP brass brackets fixed to wooden plugs with chromium plated brass screws etc all complete as per specification and direction of Engineer-in-charge				
a)	CP soap holder	10	each	207.90	2079.00

19	Factory made single leaf rigid FRP(alternately called GRP) sandwich composite door shutter of 32mm thick laminated with two GRP skins with wood grain finish fabricated using UV stabilised Isophthalic Gelcoat and one layer of 450 gsm E-glass chopped strand Mat (CSM) impregnated with orthophthalic polyester resin. The thickness of the skins shall not be less than 1.50mm Expanded polystyrene(EPS) structural foam panel of 29mm thickness and a density of 20kg/cu.mtr shall be used as core material. Wooden reinforcements made of seasoned sal wood block of cross section not less than 28mmx32mm and also necessary sal wood reinforcements for fitting the metal fittings such as tower bolts, aldrops, handles etc shall be provided. A structural adhesive compatible with(EPS) foam shall be used for bending the core material, the sal wood reinforcements and the skins. The material and process for manufacturing the door shutters shall conform to RV-TIFAC composites Design Centres standards and specifications and the door shutters tested in conformation to IS:4020-1998. The finish of door shutter will be plain colour using white/Ivory/Beige/Light grey/Mahogany /Teak wood or any other colour using high quality pigments. Three heavy whight mild steel butt hinges type-p-I(ISI marked) size 100m are to be fitted on one side of shutter and complete in all respect as per specification and direction of the Engineer-in-charge.				
		8.13	sqm	3200.00	26016.00
20	Supplying, fitting, fixing of Granite tile(20mmthick) flooring on 20mm thick bed of C.M. (1:4) jointed with neat cement slurry & pigment to match the shade including watering & curing with cost, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.				
a	GF	4.39	Each Sqm	2530.16	11107.42
b	FF	2.36	Each Sqm	2549.08	6015.82
21	Supplying, fitting, fixing of Ceramic wall tile in dados on 12mm thick C.P. (1:3) jointed with neat cement slurry & pigment to match the shade including watering & curing with cost, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.				
a	GF	34.25	Each Sqm	1079.47	36971.85
b	FF	22.28	Each Sqm	1106.68	24656.78
					213780.17
External PH work					
1	Earth work in excavation of foundation in hard soil or gravelly soil within 50 m initial lead and initial lift, including dressing and levelling the bed etc. complete	32.15	Each cum	215.15	6917.07

2	Supplying and filling foundation and plinth with sand wall watered and rammed with cost conveyance and royalty, taxes of all materials and labour (T&P) etc. complete.	2.89	Each cum	346.42	1001.15
3	Cement Concrete (1:3:6) in Foundation using 4 cm size bhg metal including watering, curing with cost, conveyance, royalty and taxes of all materials and cost of all labour (T&P) etc. complete as per the direction of Engineer-in-Charge.	2.02	Each cum	4207.37	8498.89
4	Cement Concrete (1:1.5:3) using 12mm size cbhg chips including watering, curing with cost, conveyance, royalty and taxes of all materials and cost of all labour (T&P) etc. complete as per the direction of Engineer-in-Charge.	1.04	Each cum	6587.81	6851.32
5	R.C.C. M20 using 20 mm & down size b.h.g.c.b chips including watering, curing with cost, conveyance, taxes and cost of all labour (T&P) etc. complete as per the direction of Engineer-in-Charge.				
a	Roof slab, landing & Chajja	2.15	Each Cum	9132.25	19634.34
6	Cutting, Bending, binding and tying the grills and placing in position including cost, conveyance, taxes of all materials and cost of all labour (T&P) etc. complete as per the direction of Engineer-in-Charge.	1.90	Each Qntl	9185.00	17451.50
7	12mm thick C.P. (1:4) with cement punning including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.	40.71	Each Sqm	157.73	6421.25
8	Fly Ash Brick masonry with CM (1:6) in foundation including watering, curing with cost, conveyance, royalty and taxes of all materials & labour (T&P) etc. complete as per the direction of Engineer-in-Charge.	10.36	Each Cum	4217.84	43696.83
9	12mm thick C.P. (1:6) including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.	33.49	Each Sqm	139.98	4687.81

10	Providing and laying 60 mm thick factory made cement concrete interlocking pavor block of M-30 grade made by block make machine with strong vibratory compaction of approved size, design and shape laid in required colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joint with fine sand etc. all complete as per the direction of engineer-in-charge.	8.37	Each Sqm	961.86	8050.73
					123210.90
					3897376.54
			say		3897377.00

Approved for 82 (Eighty two) items only

Rupees thirty eight lakh ninety seven thousand three hundred seventy seven only

S.A.
03/07/23
Assistant Engineer
NHM, Keonjhar

20/07/23
Additional Executive Officer(Technical)
Zilla Parishad, Keonjhar

20/07/23
Block Development Officer
Patna

TO BE FILLED BY THE TENDERER

1) My/ Our quoted rate is (both in figure and words)

Equal to Estimate Cost
Excess in Percentage
Less in Percentage

in Figure

%
%
%

In words

Notes:-

- 1) The Tenderer should quote the percentage up to one decimal point only.
- 2) The Tenderer should go through the special conditions in the DTCN for percentage rate contract before tendering .
- 3) The Tenderers should quoted their percentage only inside the space provided for the purpose .
- 4) The percentage quoted at any other place will not be taken into consideration.
- 5) If any discrepancy is found in the percentage quoted in words and figures then the percentage quoted by the contractor in words shall be taken as correct .

Additional Executive Officer (Technical)
Zilla Parishad, Keonjhar

Block Development Officer
Patna

Signature of the Contractor