

BILL OF QUANTITY

**NAME OF THE WORK: - Construction of proposed Subcenter Building at Rebanapalaspal
under Harichandanpur block for the year 2022-23**

TENDER AMOUNT

Rs. 3898303.00

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	219.77	19816.66
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	146.51	13211.11
3	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.	79.74	Each cum	516.29	41169.29
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	4708.84	115460.71
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	6912.52	7050.77
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	5191.23	69562.52
B	Plinth Beam	6.08	Each Cum	5558.58	33796.14
C	Column and Beams (GF)	8.58	Each Cum	11130.71	95501.49
	Column and Beams (FF)	7.12	Each Cum	12427.00	88480.24
	Column and Beams (2ndF)	1.16	Each Cum	13978.71	16215.30
D	Lintel(GF)	3.64	Each Cum	8854.09	32228.90
	Lintel (FF)	2.46	Each Cum	9695.07	23849.88
E	Sunshade(GF)	8.28	Each Sqm	814.03	6742.28
	Sunshade(FF)	6.14	Each Sqm	916.40	5624.85
	Sunshade(2nd F)	0.84	Each Sqm	1038.99	869.63
F	R.C.C Shelves	2.14	Each Sqm	782.78	1674.37
	R.C.C Shelves(FF)	1.12	Each Sqm	892.85	996.42
G	R.C.C Stair	1.42	Each Cum	10647.66	15112.86
	R.C.C Stair(FF)	1.42	Each Cum	11847.35	16815.65
H	Roof slab,landing & Chajja	10.21	Each Sqm	9459.57	96582.18
	Roof slab,landing & Chajja(FF)	8.69	Each Sqm	10421.63	90564.00

	Roof slab,landing & Chajja(2 nd F)	1.26	Each Sqm	11572.27	14581.06
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.	48.22	Each Qntl	9215.25	444359.36
	FF	25.46	Each Qntl	9431.24	240119.46
	2 nd floor	3.20	Each Qntl	9658.04	30905.72
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.	77.58	Each Sqm	243.67	18903.61
	2 nd floor	12.50	Each Sqm	248.93	3111.56
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	4529.31	173653.63
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	4562.64	229911.28
B	FF	37.98	Each cum	4804.87	182488.92
C		8.98	Each cum	5083.44	45649.25
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	210.66	64426.91
C	FF	252.28	Each Sqm	218.11	55025.30
B	2nd Floor	26.20	Each Sqm	225.94	5919.47
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	147.87	26623.90
B	FF	195.34	Each Sqm	152.88	29864.01
C	2nd Floor	95.37	Each Sqm	158.14	15082.66
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.	73.50	Each Sqm	979.90	72022.88
	FF	58.68	Each Sqm	988.81	58023.14
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.	13.74	Each Sqm	1414.12	19430.01
	FF	10.05	Each Sqm	1441.83	14490.39

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	1250.07	36377.94
B	FF	33.91	Each Sqm	1269.33	43036.71
C	2nd Floor	0.33	Each Sqm	1289.56	419.75
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.	9.90	Each Sqm	1303.47	12910.22
	FF	6.65	Each Sqm	1331.17	8851.64
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	163.25	22788.56
B	FF	115.89	Each Sqm	166.76	19325.76
C	2nd Floor	10.77	Each Sqm	172.78	1860.89
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	95.57	4778.36
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	153.86	420536.48
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	146.37	59971.12
B	FF	336.36	Each Sqm	149.13	50162.01
C	2nd Floor	37.73	Each Sqm	151.98	5734.21
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				
A	GF	409.73	Each Sqm	74.90	30689.04
B	FF	336.36	Each Sqm	76.12	25603.13
C	2nd Floor	37.73	Each Sqm	77.37	2919.20
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	200.63	15603.18
B	FF	63.36	Each Sqm	205.12	12996.31
C	2nd Floor	5.13	Each Sqm	209.74	1075.98
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	139.85	30170.36
B	FF	245.35	Each Sqm	153.00	37539.64

c	2nd Floor	84.70	Each Sqm	156.89	13288.79
24	Supplying, fitting afixing 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	3513.40	94261.85
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
TOTAL					3492820.11
PH WORK					
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	32.00	mtr	118.50	3792.00
b)	20mm dia ASTM (Sch-80) PVC Pipe	20.00	mtr	135.90	2718.00
c)	25mm dia ASTM (Sch-80) PVC Pipe	24.00	mtr	186.90	4485.60
d)	32mm dia ASTM (Sch-80) PVC Pipe	20.00	mtr	245.70	4914.00
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.	9	each	46.00	414.00
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	158.90	635.60
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)	7	each	875.30	6127.10
iii	20mm dia. C.P concealed stop cock (Jaquar make)	2	each	1246.80	2493.60
iv	25mm dia. Brass Full Way Valve (Shakti make)	2	each	927.30	1854.60
v	32mm dia. Brass Full Way Valve (Shakti make)	2	each	1357.50	2715.00
viii	15mm dia. C.P extension piece	15	each	59.30	889.50
ix	125mm dia CP grating	9	each	83.50	751.50
x	15mm dia. C.P flange	13	each	40.30	523.90
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	3	each	890.40	2671.20

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	15988.00	15988.00
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				
i	110mm dia. U-PVC SWR pipes(Ori-plast make Type-A)	20.00	mtr	390.20	7804.00
ii	110mm dia. U-PVC "P" trap	4	each	497.30	1989.20
iii	110mm dia. U-PVC door bend	4	each	407.40	1629.60
iv	110mm dia. U-PVC plain bend	4	each	232.00	928.00
v	110mm dia. U-PVC offset without ear	2	each	407.40	814.80
vi	110mm dia. U-PVC vent cowl	2	each	58.20	116.40
vii	110mm dia. U-PVC plain tee	3	each	322.70	968.10
viii	110mm dia. U-PVC door tee	2	each	386.00	772.00
ix	110mm dia. U-PVC plain shoe bend	2	each	232.00	464.00
x	110mm dia. U-PVC door cross tee	2	each	551.20	1102.40
xi	110mm dia. U-PVC Socket	6	each	160.10	960.60
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	6	each	192.40	1154.40
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	3	each	145.40	436.20
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	4	each	109.40	437.60
12	Supplying all materials , labour, T&P and cutting by chiselling in brick masonry wall for fixing HCl or U-PVC pipe and fittings of following nominal bore including making good the same with brick work in cement mortar 1:3 including plastering etc. all complete as per P.H. specification and direction of Engineer-in-charge				
a)	100mm dia U-PVC pipe	20.00	mtr	296.10	5922.00

13	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 pan in cement mortar (1:1), cutting the floor and mending good the damages etc. all complete as per P.H. specification and direction of Engineer-in-charge				
a)	580mmx440mm size Orissa Pan (White)	5	each	2198.90	10994.50
14	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	1442.10	7210.50
15	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	4906.00	14718.00
16	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)	3	each	2393.20	7179.60
17	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	665.50	1996.50

18	Supplying all materials,labour,T&P and fixing standard sized Glass-shelf with C.P brass bracket and guard rail complete fixed to wooden plugs with screw etc.all complete as per specification and direction of Engineer-in-charge				
a)	600mmx125mm size glass shelf with C.P guard rail	2	each	647.80	1295.60
19	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	3	each	698.90	2096.70
b)	C P Towel Ring	2	each	466.10	932.20
20	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	3	each	207.90	623.70
				TOTAL	129146.60
	External PH work				
1	Supplying all materials ,labour ,T&P and constructing Inspection Chamber of inside size 760mmx760mmx460mm with cement concrete (1:3:6) using 40mm size crusher broken hard black granite metal on bed , KB brick work in cement mortar (1:6) in foundation and plinth, moulding and shaping the channel inside and benching with cement concrete (1:2:4) using 12mm size crusher broken hard black granite chips, 12mm thick cement plaster (1:3) with cement punning to inside, cement flush pointing (1:3) to outside, R.C.C cover slab (1:2:4) using 12mm size crusher broken hard black granite chips with R.C.C man hole cover, earth work in excavation in all kinds of soil and refilling the cavity around the chamber including 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				
a)	Inside size : 760mmx760mmx460mm	1	each	8278.20	8278.20
2	Supplying all materials, labour, T&P & constructing Soak Way Pit of the following size with dry brick walling from bottom upto invert of inlet pipe and KB brick work in cement mortar (1:6) for the remaining height at top, cement concrete (1:4:8) using 40mm size crusher broken hard black granite metal on bed, 12mm thick cement plaster in cement mortar (1:4) inside and outside over masonry brick work, gravel backing in the rear of well steining, RCC cover slab in cement concrete (1:2:4) using 12mm size crusher broken hard black granite chips fitted with iron lifting handles including earth work in open well excavation in all kinds of soil and refilling of cavity around the pit and painting the iron works, watering, curing, cost of all materials, conveyance of all materials to worksite, payment of royalty, all taxes etc. all complete as per approved drawing,PH specification and direction of the Engineer-in-				
a)	1.40m dia x 2.00m deep inside size Soakway Pit	1	each	18940.60	18940.60

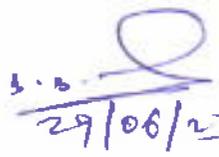
3	Supplying all materials,labour,T&P and laying in trenches (to level or slope) unplasticized PVC pipe conforming to IS:4985/2000 of the following outside dia for class-3 (0.60mpa) including jointing with supply of approved solvent cement by non-heat application method/ as per manufactures's providing and laying in trench cement concrete(1:4:8) with 40 mm size hard granite metal in the Type-C-1 standard bedding surrounding or encasing including concrete for bedding and curing etc all complete as per PH specification and direction of the Engineer-in-charge				
a)	110mm dia U-PVC pipe (Allround concrete)	8.00	mtr	892.50	7140.00
4	Supplying all labour , T&P and earth work in excavation of foundation in all kinds of soil within 50m initial lead and 1.5m initial lift including rough dressing & breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per direction of Engineer-in-charge	16.10	cum	199.68	3214.85
5	Supplying all labour , T&P and earth work in excavation of foundation in all kinds of soil within 50m initial lead and 1.5m initial lift including rough dressing & breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per direction of Engineer-in-charge	11.27	cum	214.35	2415.72
6	Supplying all materials,labour ,T&P and filling in foundation and plinth with sand well watered and rammed including cost, conveyance of all materials to work site ,payment of royalty,taxes etc. all complete as per direction of the Engineer-in -charge	3.22	cum	332.50	1070.65
7	Supplying all materials, labour, T&P and providing cement concrete (1:3:6) with 4cm size crusher broken hard granite metal including watering, curing, cost of all materials,conveyance of all materials to work site with payment of royalty, all taxes etc all complete as per P.W.D specification and direction of Engineer-in-charge	1.61	cum	4632.00	7457.52
8	Supplying all materials, labour, T&P and providing cement concrete (1:2:4) with 12mm size crusher broken hard black granite chips including watering, curing,cost of all materials, conveyance of all materials to work site with payment of royalty, all taxes etc all complete as per P.W.D specification and direction of Engineer-in-charge	1.07	cum	6116.30	6544.44
9	Supplying all materials,labour,T&P and providing brick work with KB bricks having curshing strength not less than 75 kg/sqcm with dimensional tolerance+ 8% in cement mortar(1:4) including watering,curing,cost of all materials,conveyance of all materials to worksite,payment of royalty,all taxes etc.all complete as per PWD specification and direction of the Engineer in charge.	5.24	cum	4900.60	25679.14
10	Supplying all materials,labour,T&P and providing 12mm thick cement plaster(1:3) on brick work including watering,curing,cost of all materials, conveyance of all materials to worksite,payment of royalty,all taxes etc.all complete as per PWD specification and direction of the Engineer-in-charge	23.95	sqm	172.90	4140.96
11	Supplying all materials,labour,T&P and providing 12mm thick cement plaster(1:4) on brick work including watering,curing,cost of all materials, conveyance of all materials to worksite,payment of royalty,all taxes etc.all complete as per PWD specification and direction of the Engineer-in-charge.	19.09	sqm	158.40	3023.86

12	Supplying all materials, labour, T&P and providing cement concrete (1:1.5:3) with 12mm size crusher broken hard black granite chips for RCC works including hoisting, laying, watering, curing, cost of all materials, conveyance of all materials to worksite, payment of royalty, all taxes etc. all complete as per PWD specification and direction of the Engineer in charge.	0.28	cum	7017.30	1964.84
				TOTAL	89870.78
EI WORK					
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 necessary connection as per direction of Engineer in				
	Group-A -L.P- F.P- C.B.P-	20	429.00	Point	8580.00
	Group-B L.P- F.P- C.B.P-	20	665.00	Point	13300.00
	Group-C L.P- F.P- C.B.P-	20	962.00	Point	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	435.00	Point	870.00
3	Supply and fixing of 5 Amp plug with switch on existing board (Piano type/cover including connection etc. as required)	12	90.00	Set	1080.00
4	SF of 3 pin 15 Amp plug point on M.S. Board (Make-Cona/Anchor)	4	276.00	Each	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	59	130.00	Mtr.	7670.00
	2 X 2.5 sq.mm +1 X 1.5 sq.mm -do-	210	142.00	Mtr.	29820.00
	2 X 4 sq.mm +1 X 1.5 sq.mm -do-	45	161.00	Mtr.	7245.00
	2 X 6 sq.mm +1 X 2.5 sq.mm -do-	32	192.00	Mtr.	6144.00
6	S/F of Bakelite angle holder/batten holder of ISI marked including connection etc as required .	41	58.00	Each	2378.00
7	S/F of 15 watt LED bulb (Havells/Phillips/CG)	41	156.00	Each	6396.00
8	S/F of AC ceiling fan 36" high speed(Usha-Allure plus/Havells/Bajaj/CG)	10	1915.00	Each	19150.00
9	Supply and fixing of Electronic Step Type fan regulator (Make-Cona/ Anchor/ Cona/ Bajaj)	10	233.00	Each	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	123.00	Each	1230.00
11	Supply of 12" Exhaust fan heavy duty (Make-Usha /Almonard)	7	1697.00	Each	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	606.00	Each	4242.00
13	S/F of computer board consisting 3 nos 5amp and 1 nos 15amp switch and socket (Make- Havell/Anchor)	1	879.00	Each	879.00

14	S/F of 20 watt LED tube light fitting.(Havells/Phillips/CG)	10	783.00	Each	7830.00
15	S/F of 30 watt LED street light(Havells/Phillips/HPL)	2	3485.00	NOS	6970.00
16	S/F of G.I. Bend pipe for street light	2	480.00	NOS	960.00
17	Supply and fixing of 12 way double door single pole MCB DB with sheet steel enclosure,distribution board,on surface/recess,complete with tinned copper bus bar,neutral bus bar,earth bar,detachable gland plate,interconnection,phase plate and powder painted including earthing etc as required.	2	1902.00	Each	3804.00
18	Supply and fixing of 10 Amp single pole MCB(Make-Havells/L&T)	14	131.00	Each	1834.00
19	Supply and fixing of 10 Amp single pole MCB(Make-Havells/L&T)	5	131.00	Each	655.00
20	S/F of 32 Amp DP MCB (L&T/Havells)	1	681.00	Each	681.00
21	S/F of 63 Amp DP MCB (L&T/Havells)	1	1093.00	Each	1093.00
22	S/F of 63 Amp ICDP main switch (Havells/L&T/Anchor)	1	3453.00	Each	3453.00
23	S/F of 63Amp 4 way TPN Copper Bus-bar with Bus bar chamber (Havells/L&T)	1	5172.00	Each	5172.00
24	S/F of 6 sq.mm 2 core Aluminium unarmoured cable (Havells / Polycab / HPL)	42	108.00	Mtr.	4536.00
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	2462.00	Each	4924.00
26	Supply of Extra running cable with 8 SWG (4mm) dia copper wire	16.95	60.00	Mtr.	1017.00
			TOTAL EI		186466.00
			TOTAL CIVIL,EI & PH		3898303.50
			say		3898303.00

Approved for 25 (Twenty five) Civil Items only,32(Thirty two) PH Items only,26 (Twenty Six) EI Items only

Rupees Thirty Eight Lakhs Ninty Eight Thousand Three Hundred Three Only


29/06/23
Assistant Engineer
N.M Keonjhar


Additional Executive
Officer (Technical)
Zilla Parishad, Keonjhar


27/23
Block Development
Officer,Harichandanpur

TO BE FILLED BY THE TENDERER

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

	In Figure	%
Equal to Estimate Cost		%
Excess in Percentage		%
Less in Percentage		%

In words

Notes:-