

**TENDER SCHEDULE**

**Construction of Daycare subcentre building at Sarkubandha under Chirakonda Block of Malkangiri district for the year 2022-23**

1	Estimated cost put to tender	Rs.	38,34,318.00			
2	EMD required (1% of estimated cost)	Presently not applicable as per OM No-8943/18.03.2021 of finance department.				
3	Time of completion	6Months				
4	Cost of tender paper	Rs. 6000.00				
5	Class of Contractor	"B" & "C" Class				
<b>Sl. No.</b>	<b>Items of Works</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Total Amount</b>	
1	2	3	4	5	6	
1	Earth work in excavation of foundation with all kinds of soil within initial lead & lift including rough dressing & leveling the bed and making fit for laying concrete with removing the excavated materials away from worksite including Cess as directed by the E.I.C. complete in all respect.	100 Cum	78.15	234.93	Rs. 18,359.78	
2	Filling sand on foundation trenches with well watered, rammed including all cost, conveyance, royalty including Cess of materials with labour, T&P etc.complete as per specification and direction of the Engineer-in-charge.	One Cum	83.86	813.79	Rs. 68,244.43	
3	Plain Cement concrete(1:3:6) in foundation and plinth with 40mm size and down graded crusher broken hard granite metal of approved quality from approved quarry including hoisting ramming, lowers not exceeding 150mm thick with proper packing including curing, dewatering, shoring, shuttering if necessary at the time of laying concrete with cost, conveyance, including Cess, royalty, taxes of all materials required for the work including supplying and working of pumps, T&P articles & finishing the exposed surface smooth as per specification and direction of the E.I.C. etc complete in all respect	One Cum	20.51	4815.86	Rs. 98,773.29	

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
4	Cement concrete (1:2:4) with 12mm size hard granite metal per one cum including cost, conveyance, royalties, taxes of all materials and cost of all labours, T&P etc complete as per the direction of the Engineer -in -charge.	One Cum	4.20	6240.62	Rs. 26,210.60
5	CB Brick (23x11x8cm) size having crushing strength not less than 75kg/cm <sup>2</sup> with cement mortar (1:6) in foundation and plinth per cum as directed by the Engineer-in-charge.	One Cum	22.76	4643.35	Rs. 1,05,682.65
6	R.C.C. work with M-20 grade In Different Works having minimum compressive strength in work test of 200 Kg/Cm <sup>2</sup> at 28 days using 20 mm and down graded size black hard crusher broken granite stone chips of approved quality and from approved quarry including hoisting lowering and laying concrete and compacting by using vibrators watering, curing for 28 days, centring & shuttering and finishing the exposed surface smooth providing grooves or beads where necessary in all floors including cost, conveyance, royalties and taxes of all materials , cost of all labour with cost of all T&P required for the work etc. complete in all respect but excluding cost and conveyance of M.S. rods or steel & binding wires and labour charges for strengthening, cutting, bending grills and placing in proper position.				
A	Column Base	One Cum	12.31	5213.72	Rs. 64,180.89
B	Plinth beam	One Cum	6.43	5584.74	Rs. 35,909.88
C	Column Shaft				
(i)	Ground Floor	One Cum	3.33	12724.08	Rs. 42,371.19
(ii)	1st Floor	One Cum	3.86	13673.21	Rs. 52,778.59
(iii)	2nd Floor	One Cum	1.15	15469.98	Rs. 17,790.48
D	Lintel				

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
(i)	Ground Floor	One Cum	2.56	8843.45	Rs. 22,639.23
(ii)	1st Floor	One Cum	2.13	9678.09	Rs. 20,614.33
E	Chajja (65mm Thick)				
(i)	Ground Floor	One Sqm	6.12	821.60	Rs. 5,028.19
(ii)	1st Floor	One Sqm	5.31	995.20	Rs. 5,284.51
(iii)	2nd Floor	One Sqm	0.54	1188.52	Rs. 641.80
F	Roof Beam				
(i)	Ground Floor	One Cum	5.75	11190.20	Rs. 64,343.65
(ii)	1st Floor	One Cum	6.83	12494.21	Rs. 85,335.45
(iii)	2nd Floor	One Cum	0.84	14055.17	Rs. 11,806.34
G	Roof Slab				
(i)	Ground Floor	One Cum	12.86	9536.94	Rs. 1,22,645.05
(ii)	1st Floor	One Cum	9.74	10111.19	Rs. 98,482.99
(iii)	2nd Floor	One Cum	1.52	11195.55	Rs. 17,017.24
H	Stair Case				
(i)	Ground Floor	One Cum	5.71	10664.07	Rs. 60,891.84
(ii)	1st Floor	One Cum	5.71	11862.85	Rs. 67,736.87
7	Straightening cutting, bending bent up or coiled rods, including cranking, hooking, welding or jointing the M.S. rods or tor conforming to I.S. 432 (Plain) and 1785 (Tor) steel and binding, tying the grills, hoisting, lowering and placing in proper position required for R.C.C. works including cost, conveyance and taxes of M.S. rods or tor steel and binding wires of 18 to 20 gauge and cost of all labour with all T&P required for the work etc. complete as directed by the Engineer- in-Charge.				
(i)	Ground Floor	One Qtl	41.21	9198.40	Rs. 3,79,066.06

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
(ii)	1st Floor	One Qtl	29.14	9220.01	Rs. 2,68,671.09
(iii)	2nd Floor	One Qtl	3.79	9242.68	Rs. 35,029.76
8	CB Brick (23x11x8cm) size having crushing strength not less than 75kg/cm <sup>2</sup> with cement mortar (1:6) in Superstructure per cum as directed by the Engineer-in-charge.				
(i)	Ground Floor	One Cum	41.36	4676.68	Rs. 1,93,427.48
(ii)	1st Floor	One Cum	32.14	4918.91	Rs. 1,58,093.77
(iii)	2nd Floor	One Cum	12.05	5197.48	Rs. 62,629.63
9	Providing 16 mm thick cement plaster with cement mortar of mix (1:6) with screened and washed sharp sand for mortar and finished smooth to the rough surface of walls in all heights after racking out joints including watering and curing, rounding of corners, providing grooves where ever necessary with cost, conveyance, royalties and taxes of all materials with cost of all labour, T&P, and scaffolding required for the work etc. complete in all respect as directed by the Engineer in charge.				
(i)	Ground Floor	One Sqm	273.78	214.49	Rs. 58,723.07
(ii)	1st Floor	One Sqm	231.55	218.97	Rs. 50,702.50
(iii)	2nd Floor	One Sqm	29.83	223.57	Rs. 6,669.09

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
10	Providing 12 mm thick cement plaster with cement mortar of mix (1:6) with screened and washed sharp sand for mortar and finished smooth to the rough surface of walls in all heights after racking out joints including watering and curing, rounding of corners, providing grooves where ever necessary with cost, conveyance, royalties and taxes of all materials with cost of all labour, T&P, and scaffolding required for the work etc. complete in all respect as directed by the Engineer in charge.				
(i)	Ground Floor	One Sqm	144.03	151.06	Rs. 21,757.17
(ii)	1st Floor	One Sqm	118.12	156.07	Rs. 18,434.99
(iii)	2nd Floor	One Sqm	93.51	161.33	Rs. 15,085.97
11	20 mm thick plaster (1:6) with stone work with cost, conveyance, royalties and taxes of all materials with cost of all labour, T&P, and scaffolding required for the work etc. complete in all respect as directed by the Engineer in charge.				
(i)	Ground Floor	One Sqm	38.61	226.29	Rs. 8,737.06
12	Providing 2.5cm thick Grading Concrete over roof slab with cement concrete (1:2:2) using 6mm size black hard granite crusher broken chips and screened & washed sharp sand for mortar and finished smooth to the rough surface of slab including watering and curing with cost, conveyance, royalties and taxes of all materials with cost of all labour, and T&P required for the work etc. complete in all respect as directed by the Engineer in charge.				
(i)	Ground Floor	One Sqm	16.65	311.85	Rs. 5,192.30
(ii)	1st Floor	One Sqm	77.93	337.33	Rs. 26,288.13

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
(iii)	2nd Floor	One Sqm	12.14	366.63	Rs. 4,450.89
13	Providing fitting & fixing of Vitrified tiles in floor of premium grade having thickness 8mm to 10mm conforming to I.S. 13756 OF size(600 mm x 600 mm) coloured/printed series (Homogeneous) including cost, conveyance etc complete.				
(i)	Ground Floor	One Sqm	74.06	988.22	Rs. 73,187.57
(ii)	1st Floor	One Sqm	64.60	997.12	Rs. 64,414.08
14	Supplying, fitting & fixing of Granite tiles on floor including of all cost, conveyance etc all complete.				
(i)	Ground Floor	One Sqm	2.62	2222.31	Rs. 5,822.45
(ii)	1st Floor	One Sqm	2.93	2231.21	Rs. 6,537.45
15	Supplying, fitting, fixing of Industrial tile in floors marbonite or equivalent make in all floors using Vetrified tile over 25mm thick bed of cement mortar (1:1) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including cost, conveyance and taxes of all materials, cost of all labour, T&P etc. complete as per the direction of the Engineer-in-charge.				
(i)	Ground Floor	One Sqm	32.40	877.57	Rs. 28,433.27
(ii)	1st Floor	One Sqm	12.49	886.47	Rs. 11,072.06
16	Providing fitting & fixing of Ceramic tiles in dado including cost, conveyance etc complete. including cost, conveyance and taxes of all materials, cost of all labour, T&P etc. complete as per the direction of the Engineer-in-charge.				
(i)	Ground Floor	One Sqm	7.40	783.80	Rs. 5,800.12

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
(ii)	1st Floor	One Sqm	86.22	797.19	Rs. 68,733.72
17	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 x 2mm @ 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, cost of all labour, T&P etc. required for the complete in all respect as per direction of the Engineer-in-charge.	One Kg	189.69	287.90	Rs. 54,611.75
18	Priming one coat to wall surface using water bound cement primer including cost, conveyance all materials, labour and T & P etc complete.				
(i)	Ground Floor	One Sqm	340.44	61.25	Rs. 20,851.95
(ii)	1st Floor	One Sqm	209.93	63.46	Rs. 13,322.16
(iii)	2nd Floor	One Sqm	37.84	65.78	Rs. 2,489.12
19	Painting two coats with approved weather coats of approved colour, shade on wall surface over a coat of wall primer including sand papering, polishing the surface, cost, conveyances, taxes of all materials and cost of all labour with T&P etc, complete as per specification & direction of Engineer-in-charge.				
(i)	Ground Floor	One Sqm	182.64	134.65	Rs. 24,592.48
(ii)	1st Floor	One Sqm	118.12	139.27	Rs. 16,450.57
(iii)	2nd Floor	One Sqm	93.51	144.11	Rs. 13,475.73

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
20	Finishing plastered surfaces of walls with cement putty (water based) of approved make and finishing the surface smooth and even by sand papering to receive paint in walls, at all heights with staging wherever necessary with cost, conveyance, taxes of all materials, cost of all labour, all T&P etc. required for the work complete in all respect as per the direction of the Engineer-in-charge.				
(i)	Ground Floor	One Sqm	340.44	68.40	Rs. 23,286.10
(ii)	1st Floor	One Sqm	209.93	69.61	Rs. 14,613.23
(iii)	2nd Floor	One Sqm	37.84	70.86	Rs. 2,681.34
21	Plastic emulsion paint two coats of approved shade on new work.				
(i)	Ground Floor	One Sqm	340.44	78.84	Rs. 26,840.29
(ii)	1st Floor	One Sqm	209.93	80.25	Rs. 16,846.88
(iii)	2nd Floor	One Sqm	37.84	81.71	Rs. 3,091.91
22	Supplying and Fixing of M.S. Grills, M.S.Doors, M.S. Gate etc including cost,conveyance of all materials and labour for fitting fixing etc.complete as per the instruction of Engineer-in-Charge	One Kg	2472.30	74.05	Rs. 1,83,073.82
23	Painting two coats with approved paint on wood work & Iron work. (Old & New)				
(i)	Ground Floor	One Sqm	22.47	140.34	Rs. 3,153.44
(ii)	1st Floor	One Sqm	42.69	143.50	Rs. 6,126.02
(iii)	2nd Floor	One Sqm	5.06	146.75	Rs. 742.56
	<u>Internal Electrification Works</u>				

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
24	Recessed wiring to Light point/ Exhaust Fan point with 1.5 Sqmm FR PVC insulated single core multistrand copper conductor of ISI marked with 20mm dia non-metallic PVC flexible conduit with 5 Amp, 250V piano type switch ISI marked & ceiling rose ISI marked mounted on MS box having front backlite cover of suitable size. MS box with 1.0Sqmm PF 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/ V-Guard) (deducting the cost of S/F of 100mm X 100mm X 60mm M.S. Box with bakelite cover - 1no.)				
a)	- Do - Group A (1.2.1-1.24.2)	Point	20.00	292.00	Rs. 5,840.00
b)	- Do - Group B (1.2.2-1.24.2)	Point	20.00	511.00	Rs. 10,220.00
c)	- Do - Group C (1.2.3-1.24.2)	Point	8.00	786.00	Rs. 6,288.00
25	Recessed wiring to Fan point in				
a)	- Do - Group B (1.2.2-1.24.2)	Point	20.00	511.00	Rs. 10,220.00
26	Recessed wiring to Call bell point in				
a)	- Do - Group B (1.2.2-1.24.2)	Point	4.00	511.00	Rs. 2,044.00
27	Recessed wiring to Exhaust Fan point in				
a)	- Do - Group B (1.2.2-1.24.2)	Point	4.00	511.00	Rs. 2,044.00
b)	- Do - Group C (1.2.3-1.24.2)	Point	1.00	786.00	Rs. 786.00
28	S/F of Angle holder replacing ceiling rose	Each	22.00	16.00	Rs. 352.00
29	S/F of 5A Switch & 5A Socket outlet of ISI marked on existing board (1.25.1+1.25.4)	Each	12.00	86.00	Rs. 1,032.00
30	S/F of extension board with Metal box of 180mm X 100mm X 60mm deep (Normal size) in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing of 2 nos. of 3 pin 5/6 AMP socket out let & 2 nos. of 5/6 AMP piano type switch, connection, painting etc as required (1.24.5+2X(1.25.1+1.25.4))	Each	14.00	308.00	Rs. 4,312.00

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
31	S/F of 20A SPN MCB industrial socket (2.12)	Each	4.00	591.44	Rs. 2,365.76
32	S/F of Power point with metal box of 180mm X 100mm X 60mm deep (Normal size) in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 5 pin 15/16 AMP piano type switch & socket, connection, painting etc as required (1.27)	Each	4.00	296.00	Rs. 1,184.00
33	S/F of 1 no. of 5 pin 15/16 AMP socket with switch & 1 no. of 15/16A top & 1 no. of mini MCB, with metal box of 180mm X 100mm X 60mm deep (Nominal size) in recess with suitable size of phenolic laminated sheet cover in front with connection, painting etc as required for Inverter connection	Each	2.00	612.00	Rs. 1,224.00
34	S/F of 16/18 SWG metal box of following sizes (Nominal size) in recess with suitable size of phenolic laminated sheet cover in front including cutting the wall and making good the same in case of recessed conduit as required				
a)	150x75x60 (1.24.3)	Each	4.00	123.00	Rs. 492.00
b)	180x100x60 (1.24.5)	Each	2.00	136.00	Rs. 272.00
c)	250x100x60 (1.24.7)	Each	12.00	170.00	Rs. 2,040.00
35	Wiring for circuit / sub-main wiring along with earth wire with following sizes of PVC insulated single core multistand copper conductor with ISI marked conforming to IS-694 / 1990 in 20mm dia non metallic heavy duty flexible conduit 1.6mm in recessed PVC conduit as required (Make of wire Finolex/L&T/Anchor/Havels/V-guard)				
a)	2x1.5+1x1.0 (1.8)	Mtrs	26.00	123.00	Rs. 3,198.00
b)	2x1.5+1x1.5 (1.8.1)	Mtrs	12.00	124.00	Rs. 1,488.00
c)	2x2.5+1x1.5 (1.8.2)	Mtrs	135.00	138.00	Rs. 18,630.00
d)	2x4+1x1.5 (1.8.3)	Mtrs	130.00	155.00	Rs. 20,150.00
e)	Inverter wiring (1x1.5mm) Copper wire (1.19.1)	Mtrs	70.00	45.00	Rs. 3,150.00

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
36	S/F of 'B/C/D' series SP MCB of 5-32A AMP rating (as per direction of engineer in charge) 240Volt for lighting and other loads in the existing MCB Distribution board ISI marked complete with connection, testing and commissioning etc. as required single pole (SP) (2.6.1)	Each	14.00	129.00	Rs. 1,806.00
37	Supply, installation testing & commissioning of Main Switches (IS13940 part 3/1993) of following capacity on existing surface / wall mounting & complete with H.R.C fuse link, inter connections earthing etc as required as per direction of Engineer in charge (Make- Seimens/HPL/Anchor/L&T/Havel/C&S /R K)				
a)	S/F of MCB 4 way Single door (2.3.1 (a))	Each	2.00	857.00	Rs. 1,714.00
b)	S/F of MCB 4 way Double door (2.3.5)	Each	4.00	1185.00	Rs. 4,740.00
38	Supply, installation testing & commissioning of Main Switches (IS13940 part 3/1993) of following capacity on existing surface / wall mounting & complete with H.R.C fuse link, inter connections earthing etc as required as per direction of Engineer in charge (Make- Seimens/HPL/Anchor/L&T/Havel/C&S /R K)				
a)	S/F of 32A ICDP main switch with MS box of 200mm X 250mm X 60mm deep ((2.15.1)+(1.24.14))	Each	4.00	1067.00	Rs. 4,268.00
b)	S/F of 63A ICDP main switch with MS box of 250mm X 300mm X 60mm deep ((2.15A)+(1.24.16))	Each	2.00	2307.00	Rs. 4,614.00
39	Earthing with G.I earth pipe 3 mtr Long 40mm dia ISI marked including accessories & providing masonry enclosure with cover plate having locking arrangement & watering pipe with charcoat & salt as required (3.2)	Set	2.00	2423.00	Rs. 4,846.00
40	Supply & laying 6 SWG G.I wire in recess for loop earthing as required (3.17)	Mtrs	16.00	50.00	Rs. 800.00

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
41	Providing & fixing plain 16/0.2mm twin twisted flexible, FR PVC insulated copper cable in polythene sleeve or conduit of suitable size on the floor/ wall or side of the table/ door etc as required (1.31)	Mtrs	8.00	18.00	Rs. 144.00
42	Supply, installation testing & commissioning of exhaust fan upto 450mm sweep in the existing opening, including making the hole to suit the size of the above fan making good the damaged complete, connection etc as required. (1.43)	Each	8.00	1955.00	Rs. 15,640.00
43	S/F of Call bell/Buzzer (Ding dong type) ISI marked suitable for DC/AC single phase 230 volts complete as required. (1.30)	Each	3.00	119.00	Rs. 357.00
44	S/F of computer board consisting of 4 nos. of 5 AMP plug and switch and 6 AMP mini MCB. Indicator complete with wiring on (200mm X 250mm X 75mm) deep M.S. box with B.K. cover (1.25.1 + 1.25.4) X 4 + 1.24.9 + 2.6.1	Each	7.00	763.00	Rs. 5,341.00
45	S/F of 18-25 Watt LED tube light fitting with all accessories and connections (Make:HPL-Neptune Havells-Elite LED Pride Plus/PAC/Crompton-RetroPLL	Each	18.00	698.00	Rs. 12,564.00
46	Supply of 1200mm A.C Ceiling fan with all accessories and connections with out fan regulator (Make:Usha-Striker Milenium/Crompton-Jura/Anchor-XL/Havels-Velocity/Spark/Orient-Summer pride)	Each	11.00	2440.00	Rs. 26,840.00
47	S/F step type fan regulator	Each	11.00	375.00	Rs. 4,125.00
48	Supply and fixing of superior type C.I bulk head fitting with 9W LED Bulb for general domestic use ISI marked square / oval type with premetallic glass cover provided with galvanized steel wire guard including necessary connections (M-5)	Each	8.00	585.00	Rs. 4,680.00

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
49	Supply & fixing of 45-48 Watt single LED street light fitting with LED & Electronic driver including all accessories and connections (Make: Crompton/Phillips/HPL/Polycab/Havells)	Each	4.00	5751.00	Rs. 23,004.00
50	S/F of fan hook 'S' type made of 16 mm MS rod for fixing in the existing RCC roof	Each	9.00	210.50	Rs. 1,894.50
51	S/F of 6 Sqmm twin core unbonded aluminium service connection wire with no. 10 G.I. Guard wire to support the aluminium wire	Mtrs	45.00	40.50	Rs. 1,822.50
52	S/F of 1100 VA UPS, Make: Luminous, Model-ECO Watt + Rapid 1250	Each	1.00	10263.00	Rs. 10,263.00
53	S/F of 150 AH Battery. Make: Luminous, Model-ILTJ18030N	Each	1.00	15654.00	Rs. 15,654.00
	<b>PH Works</b>				
54	Earthwork in all kinds of soil in excavation of foundation trenches within 50m initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.30m in depth etc all complete as per direction of the E.I.C. Initial lift upto 1.5 mtr, a. 3.04 m x 1.94 m x 1.50 m = 8.846 cum	Cum	8.85	199.68	Rs 1,766.37
55	From 1.5 mtr to 3.0 mtr depth, 3.04m x 1.94 m x 0.70 m = 4.128 cum	Cum	4.13	214.35	Rs 884.84
56	Supplying all materials, labour, T&P and filling in foundation and plinth with river sand well watered and rammed including conveyance of all materials to work site, payment of royalty, taxes etc all complete as per the direction of the E.I.C. 3.04 m x 1.94 m x 0.15 m = .884 cum	Cum	0.88	417.90	Rs 369.42

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
57	Supplying all materials, labour, T&P and providing cement concrete (1:3:6) with 40mm H.G metal including watering, curing and conveyance of all materials to site payment of royalty, taxes etc all complete as per P.H specification and direction of the E.I.C. 3.04 m x 1.94 m x 0.10 m = .589 cum	Cum	0.59	4433.20	Rs 2,611.15
58	Supplying all materials, labour, T&P and providing plain cement concrete (1:1.5:3) with 12mm size H.G chips including watering, curing and conveyance of all materials to work site, payment of royalty, taxes etc all complete as per P.H specification and direction of the E.I.C. 3.04 m x 1.94 m x 0.10 m = .589 cum + 2.04 m x .94 m x 0.038 m = 0.072 Cum	Cum	0.66	6341.50	Rs 4,191.73
59	Supplying all materials, labour, T&P and providing Brick work with K.B. Brick having crushing strength not less than 75 Kg/CM <sup>2</sup> with dimensional tolerance of +/- 8% in C.M including watering, curing, conveyance of all materials to work site, payment of royalty, taxes etc all complete as per P.H specification and direction of the E.I.C. In Foundation and Plinth in C:M (1:4) a. 2 x ( 2.74+ .94) m x 0.35 m x 1.10 m = 2.833 cum + 2 x ( 2.5+ .94) m x 0.23 m x 0.80 m = 1.265 cum	Cum	4.10	4225.60	Rs 17,316.51
60	In Foundation and Plinth in C:M (1:6) 1 x 0.40 m x 0.40 m x 0.60 m = 0.096 cum	Cum	0.10	4036.70	Rs 387.52

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
61	Supplying all materials, labour, T&P and providing cement plaster on brick/ stone work including watering, curring and conveyance of all materials to work site, payment of royalty, taxes etc all complete as per P.H specification and direction of the E.I.C. 12 mm thick C.P in C:M (1:3), 2 x (2.04+.94 ) m x 1.90 m = 11.324 sqm+(2.04x .94) m = 1.917 sqm +(4 x 0.40 x 0.60 m ) = 0.96 sqm	Sqmt	14.20	154.60	Rs 2,195.47
62	Supplying all materials, labour, T&P and providing cement punning on plastered surface including watering, curring and conveyance of all materials to work site, payment of royalty, taxes etc all complete as per P.H specification and direction of the E.I.C. Same as above item 20mm C.P in 1:3	Sqmt	13.24	30.60	Rs 405.17
63	Supplying all materials, labour, T&P and providing rigid and smooth centering and shuttering for RCC work including false work and dismantling them after casting including conveyance of all materials to work site, payment of royalty, taxes etc all complete as per P.H specification and direction of the E.I.C. 2 x (2.5+ 2.631.4) m x 0.10 m =.78 sqm+(2.04 x .94 m) = 1.917 sqm	Sqmt	2.70	430.60	Rs 1,161.33
64	Supplying all materials, labour, T&P and providing M.S.reinforcements for RCC work including cutting, bending, binding, straightening and tying the grills and placing in position including cost of binding wire 18 to 20 gauge conveyance of all materials to work site, payment of royalty, taxes etc all complete as per P.H specification and direction of the E.I.C.	Qntl	0.31	5046.60	Rs 1,569.49

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
65	Supplying all materials, labour, T&P and providing Reinforced cement concrete (1:1.5:3) with 12mm size H.G chips including watering, curing and conveyance of all materials to work site, payment of royalty, taxes etc all complete as per P.H specification and direction of the E.I.C. 2.5 m x 1.4 m x 0.10 m=.39 cum	Cum	0.39	6341.50	Rs 2,473.19
66	Supplying all materials, labour, T&P and making M.S. Step Iron in 8mm Dia M.S Steel bars and fixing into walls of Manhole/ Septic Tanks duly embedded in C.C(1:2:4) etc all complete as per P.H specification and direction of the E.I.C.	Each	5.00	110.40	Rs 552.00
67	Supplying all materials, labour, T&P and providing 50mm thick pre-cast R.C.C. baffle wall in R.C.C (1:1.5:3) including reinforcement cage using 12mm size HG chips fitted and fixed in position, finished smooth etc. complete including cutting grooves and mending good the damages etc all complete as per P.H specification and direction of the E.I.C. 1.150 m x 0.45 m	Sqmt	0.52	655.50	Rs 338.89
68	Supplying all materials, labour, T&P and providing 160mm dia P.V.C Tee inside the septic tank including cutting holes and duly embedded in P.C.C (1:1.5:3) using 12mm size HG chips fitted and fixed in position and mending good the damages etc all complete as per P.H specification and direction of the E.I.C.	Each	2.00	570.40	Rs 1,140.80

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
69	Supplying all materials, labour, T&P and providing 12mm thick cement flush pointing in C:M (1:3) to Brick Masonry works including watering curring and conveyance of all materials to work site, payment of royalty, taxes etc all complete as per P.H specification and direction of the E.I.C. 2 x ( 2.74 + 1.64 ) m x 1.10 m = 9.636 Sqm+2 x ( 2.5+ 1.4 ) m x .80 m = 6.24 Sqm +2 x ( 2.74+ 1.4 ) m x 0.12 m = .993 Sqm	Sqmt	27.24	138.30	Rs 3,767.02
70	Supplying all materials, labour, T&P and filling Foundation and Plinth with excavated earth including watering, ramming etc all complete as per direction of the E.I.C.	Cum	2.67	112.05	Rs 299.17
71	supplying all materials, labour, T&P and cutting <b>grooves</b> in pucca Floors, and walls for taking G.I/PVC pipes and fittings and repairing the holes after insertion of pipes etc with C.C (1:3:6) including finishing with 12mm C.P (1:3) complete so as to make it leak proof etc. all complete as per P.H. specification and direction of E.I.C.	Mtr	25.00	164.30	Rs 4,107.50
72	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 including jointing with supply of approved rubber lubricant by non-heat application method/as per manufacturer's specification, testing etc all complete as per P.H specification and direction of the E.I.C. <b>110 mm diameter U-PVC SWR pipes</b>	Mtr	50.00	207.50	Rs 10,375.00
73	110mm U-PVC SWR P-trap	Each	6.00	299.70	Rs 1,798.20
74	110mm U-PVC SWR single junction door	Each	6.00	296.70	Rs 1,780.20
75	110mm U-PVC SWR door bend	Each	10.00	204.70	Rs 2,047.00

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
76	110mm U-PVC SWR Offset	Each	6.00	180.50	Rs 1,083.00
77	110mm U-PVC SWR plain bend	Each	6.00	147.00	Rs 882.00
78	110mm U-PVC SWR vent cowl	Each	10.00	77.30	Rs 773.00
79	75mm diameter U-PVC SWR pipes	Mtr	40.00	123.80	Rs 4,952.00
80	125 mm dia C.P Grating	Each	20.00	70.00	Rs 1,400.00
81	Supplying all materials, labour, T&P and fixing water closet, squatting pan (Indian type W.C pan/Oriassa pattern squatting pan) duly embedded in cement concrete (1:5:10) using 4cm size hard granite metal including fixing a pair of vitreous china 250mm x 130mm x 30mm footrest etc all complete as per specification and direction of the E.I.C. 580mm size orissa Pan (Hindware/paryware)	Each	2.00	2808.60	Rs 5,617.20
82	Supplying all materials, labour, T&P and fixing wash down water closet (E.W.C) with integral 'S' or 'P' trap to the floor with wooden plug and C.P screw including jointing the trap with soil waste pipe in C.M (1:1) etc all complete as per specification and direction of the E.I.C.	Each	5.00	2642.20	Rs 13,211.00
83	Supplying all materials, labour, T&P and fixing of plastic seat cover of E.W.C. with chromium plated brass hinges and rubber buffer etc all complete as per specification and direction of the E.I.C.	Each	4.00	522.30	Rs 2,089.20

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
84	<p>Supplying all materials, labour, T&amp;P and fitting &amp; fixing 10 Litres capacity low level cistern with a pair of cast iron of m.s. brackets complete with fittings such as siphonic arrangements 15mm nominal size brass/pvc ball valve with polythene float, c.p. brass handle, unions and couplings for connection with inlet, outlet and overflow pipe. 32 mm C.P flush bend 15mm PVC inlet connection pipe including cutting holes and making good the same and connecting the flush bend with cistern and closet and connecting inlet pipe with supply main etc. all complete as per specification and direction of E.I.C. (Cerra/Parry ware / Hindware)</p>	Each	6.00	1454.40	Rs 8,726.40
85	<p>Supplying all materials, labour, T&amp;P and laying in trenches U-PVC SWR/4kg/cm2 soil waste ventilating pipes and fittings of the following outside diameter conforming to ISI No. 13592/1992 including jointing with supply to approved rubber lubricant by non-heat application method/ as per manufacturer's specification, testing, earthwork in excavation in all kinds of soil and providing bed concrete in P.C.C. (1:4:8) using 40mm size metal and haunch top the pipe with refilling of trenches etc all complete as per P.H. specification and direction of the E.I.C 110mm dia PVC pipe hauch top</p>	Mtr	15.00	844.10	Rs 12,661.50

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
86	<p>Supplying all materials, labour, T&amp;P and laying in trenches U-PVC SWR/4kg/cm<sup>2</sup> soil waste ventilating pipes for sewer line of following dia in trenches (to slope or level) and jointing with supply of approved solvent cement by non-heat application method C.C (1:3:6) using 40mm size hard granite metal on bed of the trenches and all round concrete encasing with C:C (1:4:8) using 40 mm size H.G metal, earthwork in excavation in trenches in all kinds of soil, refilling the same in a layer of 0.30 mtr with wtering, ramming and removing of surplus earth, testing the S.W. pipeline etc. all complete as per approved drawing, specification and direction of the E.I.C 160mm dia PVC pipe all round</p>	Mtr	5.00	1642.80	Rs 8,214.00
87	<p>Supplying all materials, labour, T&amp;P and providing, laying soakway gallery with SW/PVC pipes, jointing lead loose packed allround with stone boulders 50mm to 150mm other than granite, covered at top with a layer of flat tiles 300mmx300mmx25mm including earthwork in excavation of trenches in all kinds of soil to an average depth of 1.5 mtr, covering of earth at the gallery top etc. all complete as per approved drawing and direction of the E.I.C. 160 mm dia <b>PVC gallery</b></p>	Mtr	5.00	1242.50	Rs 6,212.50

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
88	<p>Supplying all materials, labour, T&amp;P and constructing <b>Inspection Chamber</b> of the following sizes with cement concrete (1:3:6) using 40 mm size HG metal on bed 1st class KB Bricks work in CM (1:6) moulding and shaping the channel inside and benching with C.C (1:1.5:3) using 12mm size H.G. chips, 12mm thick cement plaster (1:3) with punning to inside, cement flush pointing (1:3) to outside, RCC cover slab in C.C (1:1.5:3) using 12mm HG chips with RCC man hole cover, earth work excavation in all kinds of soil and refiling the cavity around the chamber including watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc. all complete as per approved specification and direction of E.I.C inside size 760mm x 760mm x 460mm.</p>	Each	2.00	7019.60	Rs 14,039.20
89	<p>Supplying all materials, labour, T&amp;P and constructing <b>Gully Trap Chamber</b> of the following sizes with 8 cm thick precast cover in CC (1:2:4) mix using 12mm size H.G chips, foundation concrete (1:4:8) using 40mm size HG metal on bed and around trap, 1st class KB Bricks work in CM (1:6) in F&amp;P and <del>inside 12mm thick cement plaster (1:3)</del> finished with a floating coat of neat cement including fixing 100mmX100mm size HCl gully trap 150mmX150mm size C.I grating etc. all completed as per approval drawing, specification and direction of E.I.C.</p>	Each	6.00	1432.90	Rs 8,597.40

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
90	Supplying all materials, labour, T&P and constructing <b>Gully Trap Chamber</b> of the following sizes with 8 cm thick precast cover in CC (1:2:4) mix using 12mm size H.G chips, foundation concrete (1:4:8) using 40mm size HG metal on bed and around trap, 1st class KB Bricks work in CM (1:6) in F&P and inside 12mm thick cement plaster (1:3) finished with a floating coat of neat cement including fixing 100mmX100mm size HCl gully trap 150mmX150mm size C.I grating etc. all completed as per approved specification and direction of E.I.C. <b>1.20 m dia X 2.0 m deep soakway pit</b>	Each	4.00	13376.50	Rs 53,506.00
91	Construction of <b>RCC Ring Soak way pit</b> (1.22 m dia X 2.00m Deep)	Each	2.00	5392.20	Rs 10,784.40
92	Supplying all materials, labour, T&P and fixing wash basins (Hindware, Parryware) with C.I or M.S brackets painted white including cutting holes in walls and making good the damages with supply to wooden plugs, screws and cement etc, fixing PVC waste pipe of 32mm nominal diameter for wash basin including brass check nut complete, fixing 32mm dia CP brass waste, etc all complete as per specification and direction of E.I.C. <b>550mm X 400mm W.H Basin</b>	Each	6.00	2264.30	Rs 13,585.80
93	Supplying all materials, labour, T&P and fixing <b>Laboratory sink</b> with C.I/M.S brackets painted white including holes in walls and making good the damages fixing PVC waste pipe of 32mm nominal diameter including brass check nut complete, fixing 32mm dia CP brass waste, etc all complete as per specification and direction of E.I.C. <b>610mm X 150mm X 200mm</b>	Each	3.00	4278.30	Rs 12,834.90

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
94	Supplying all materials, labour, T&P and fixing Stainless Steel kitchen sink with C.I./M.S brackets painted white including holes in walls and making good the damages fixing PVC waste pipe of 32mm nominal diameter including brass check nut complete, fixing 32mm dia CP brass waste, etc all complete as per specification and direction of the E.I.C. 550mm X 404mm X 200m <b>Stainless steel kitchen sink.</b>	Each	3.00	4004.40	Rs 12,013.20
95	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixing to wooden plugs with CP screws and washers complete as per specification and direction of the E.I.C. <b>Mirror with plastic moulded frame.</b>	Each	5.00	781.10	Rs 3,905.50
96	Supplying all materials, labour, T&P and fixing standard sized CP towel rail complete with CP brass brackets fixed to wooden plugs rail complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C 20mm X 450mm long <b>CP towel rail</b>	Each	5.00	798.80	Rs 3,994.00
97	Supplying all materials, labour, T&P and fixing soap holder complete with CP brass fixed to wooden plugs with CP screw as per specification and direction of the E.I.C. <b>CP soap holder</b>	Each	5.00	262.40	Rs 1,312.00
98	Supplying all materials, labour, T&P and fitting and fixing of C.P Shower (Parryware, Hindware) with 15mm or 20mm inlet with C.P Shower arm including polishing etc all complete as per specification and direction of the E.I.C. 15mm X 150mm X dia <b>CP Shower with arm</b>	Each	5.00	548.00	Rs 2,740.00

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
99	Supplying all materials, labour, T&P fitting and fixing of Rotational moulded polythene cylindrical vertical water storage tank conforming to 15701/1996 including cutting holes through the tank and fixing mild steel tubes and fittings and providing extra sockets and jammuts, including hoisting upto a height of 5 mtr above G. Land placing the tank in required position including conveyance of all materials to work site, payment of royalty, taxes etc. all complete as per P.H specification and direction of the E.I.C <b>1000 Ltrs capacity on the roof of GF</b>	Each	2.00	8941.90	Rs 17,883.80
100	Supplying all materials, labour, T&P and construction of masonry staging with providing 1st class K.B. Bricks work in CM (1:6) of 0.46 mtr height in staging, 12mm cement plaster in CM (1:6), R.C.C. beam of 0.25m X 0.30m X 2.60m & roof slab of 1.40m X 1.40m in C.C (1:1.5:3) using 12mm size H.G. Chips including centering, shuttering, bending and binding of rod etc watering, curing, conveyance of all materials to work site, payment royalty, taxes etc. all complete as per P.H specification and direction of the E.I.C <b>1000 Ltrs capacity on the roof of GF</b>	Each	1.00	11268.80	Rs 11,268.80
101	Supplying all materials, labour, T&P and providing and fixing to wall or ceiling of floor G.I pipes and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor, testing all complete as per specification and direction of the E.I.C. <b>20mm dia PVC pipe</b>	Mtr	30.00	114.10	Rs 3,423.00
102	25mm dia PVC pipes	Mtr	40.00	87.60	Rs 3,504.00

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
103	Supplying all materials, labour, T&P and fitting and fixing Brass/CP fittings(Jaquar, Parryware) of the following nominal bore with supply of all jointing materials etc. all complete as per specification and the direction of the E.I.C. <b>15mm dia CP Bib Cock SB</b>	Each	4.00	834.10	Rs 3,336.40
104	15mm dia CP Bib Cock LB	Each	6.00	1040.80	Rs 6,244.80
105	15mm dia CP Angle Cock	Each	6.00	867.70	Rs 5,206.20
106	15mm dia CP Conceal Stop Cock	Each	6.00	1074.00	Rs 6,444.00
107	15mm dia CP Pillar Cock Elbow action	Each	6.00	1571.70	Rs 9,430.20
108	25mm dia Brass Full Way Valve	Each	6.00	1056.90	Rs 6,341.40
109	15mm dia CP nipple	Each	10.00	45.00	Rs 450.00
110	15mm dia CP Flange	Each	20.00	60.00	Rs 1,200.00
111	Aluminium door shutter with aluminium frame chowkat for Toilet & bath Room.	Nos.	5.00	5500.00	Rs 27,500.00
112	Supplying and fitting & fixing of HDPE pipes and pipe fittings with C.P Nippling and lowering to bore well, making connection to pumpset & testing etc all complete as per specification and the direction of the E.I.C. <b>32 mm dia HDPE pipes</b>	Mtr	60.00	119.50	Rs 7,170.00

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
113	Labour for drilling a perfectly vertical bore holes of specified dia for a specified depth below ground level through consolidated and unconsolidated rock with down the hole hammer drilled rig as required to suit condition as per the direction of the E.I.C including use of own rig with its accessories tools and plants and consumable etc. for lowering of 125mm dia consumable etc. for lowering if 125mm dia PVC/GI Pipes for housing filled with socket and with or without well screen as pe the necessity for sort, medium, hard and boulder formation (GI/PVC) casing pipes it required to prevent collapse of overburden portion is to be provided by the contractor including lowering and withdrawing after completion of <b>tubewell.</b> (a) Drilling of 125mm dia bore (i) 0m to 40 m.	Mtr	40.00	480.20	Rs 19,208.00
114	(b) Drilling of 100mm dia bore: (41m to 100m & above)	Mtr	40.00	480.20	Rs 19,208.00
115	Lowering the following sizes GI/PVC Pipes with or without shotted pipes as per the necessity from gravel level upto 30 mtr depth and fitted and fixed up in perfectly vertical position including cutting and threading pipe and slotted pipes and supplying and fixing all jointing materials tools and plants etc. completes and keeping the top of the casing pipes threaded including plugging tubewell to prevent event entry foreign materials lowering to 125mm dia PVC pipe	Mtr	30.00	71.60	Rs 2,148.00
116	Cost of 125mm dia PVC pipe	Mtr	20.00	528.73	Rs 10,574.60
117	Cleaning and developing the tube wells with their own <b>compressor</b> continuously worked till clear and adequate discharge is obtained from the tube well including supply and use of all necessary equipment and labour as per the direction of the EIC	Nos.	1.00	2147.00	Rs 2,147.00

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
118	Supplying all labour, T&P and materials for the fitting and fixing of India Mark-II Deep well <b>Hand Pump</b> with cast iron cylinder, 12mm/16mm dia B.S <del>connecting rod, 32mm dia G.I. pipe of</del> required lengths with supply of extra socket of approved make all complete including carriage, conveyance as per direction of the E.I.C.	Each Set	1.00	15362.25	Rs 15,362.25
119	Supplying all labour, T&P and materials for Construction of <b>Masonry Platform</b> for India Mark-II Hand pump as per I.S.specification of 1.85 mtr outside with Cement concrete (1:2:4) with 12mm size hard granite C.B. chips etc all complete including 760mm X 760mm X 400mm deep cement concrete embedded around the bore well pipe as per direction of the E.I.C.	each	1.00	5091.90	Rs 5,091.90
120	Supplying all materials, labour, T&P and construction of 100mm wide <b>waste water drain</b> for india Mark-II Hand pump platform as per UNICEF design and specification with C.C (1:2:4) using 12mm size hard granite crusher broken chips etc all complete as per specification and direction of the E.I.C.	Mtr	1.00	546.70	Rs 546.70
121	Supplying and fitting & fixing of I.S.I make 1.00 HP single phase Submersible pump set to give discharge of 3000 Ltr/hour at a head of 40 mtr etc all complete as per direction of the E.I.C.	Each	1.00	1475.00	Rs 1,475.00
122	Supplying all labour, T&P and fitting & fixing of I.S.I make 1.00 HP single phase <b>Submersible pump set</b> with commissioning and testing etc all complete as per direction of the E.I.C.	each	1.00	15849.15	Rs 15,849.15
123	Supplying all fitting & fixing of D.O.L starter for 1.0 HP single phase submersible pump etc all complete as per direction of the E.I.C.	each	1.00	2809.32	Rs 2,809.32

Sl. No.	Items of Works	Unit	Quantity	Rate	Total Amount
1	2	3	4	5	6
124	Supplying all fitting & fixing of suitable cable and connecting the pump and starter etc all complete as per direction of the E.I.C.	Mtr	80.00	71.70	Rs 5,736.00
125	Supplying all fitting & fixing of Plastic rope, M.S. well cover, M.S. clamp, etc all complete as per direction of the E.I.C.	each	1.00	1660.00	Rs 1,660.00
	<b>Total</b>				<b>Rs 38,34,318.00</b>

Total 125 (One hundred Twenty five) items only

Tender Schedule for the project " Construction of Daycare subcentre building at Sarkubandha " Technically approved for **Rs. 38,34,318/-** (Rupees Thirty eight lakh Thirty four thousand Three hundred Eighteen) only.

 28-12-22

**Addl. Project Director (Tech)**  
D.R.D.A, Malkangiri

My / Our quoted rate is.....% (both in figure an words) excess over / less than / equal to the above estiamted cost.

**Notes**

- 1
- 2
- 3
- 4 The contractor should not write anything excepting quoting of percentage and in any case anything else regarding tender rate is mentioned, the tender is liable for rejection.
- 5 Strike out which are not applicable.
- 6 Percentage quoted by the contractor shall be accurately filled in figures and words so there is no discrepancy. 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.  
The percentage quoted in the tender without mentioning excess or less will be treated as excess. the contractor will write percentage excess or less upto one decimal point only. If he writes the percentage excess or less upto two or more decimal point, the first decimal point shall only be considered.

Approved

 28-12-22

**Addl. Project Director (Tech)**  
D.R.D.A, Malkangiri

**Signature of Contractor.**