

## TENDER SCHEDULE

Name of the work

Proposed Sub-Centre HWC building at Panchup  
under Baliapal Block in the District of Balasore  
for the year 2020-21"

Estimated cost

₹ 6.20 Lakh

E.M.D. to be deposited

1% of Estimated Cost.

Cost of tender paper

₹ 4000.00

Date of sale of tender

Date of receipt of tender

Date of opening of tender

Time of completion

Class of contractor

'C' &amp; 'D' class

| Sl. No. | DESCRIPTION OF ITEMS   | Quantity | Unit | Rate in Figure | Amount |
|---------|--|----------|------|----------------|--------|
| 1       | Earth work in excavation of foundation in hard soil with all leads and lifts and to required depth including dressing and levelling the bed and depositing the excavated materials away from work site etc. complete as per direction of the Engineer-in-charge. | 2.04     | Sqm  | 184.63         |        |
| 2       | Filling foundation and plinth with sand well watered and rammed including cost, conveyance of materials, labour T&P, royalty etc. complete as per direction of the Engineer-in-charge.   | 0.25     | Cum  | 650.80         |        |
| 3       | Providing P.C.C. (1:3:6) with 4cm size h.g. metal of approved quality in foundation / floor including hoisting laying concrete, cost & conveyance of materials, labour, T&P, royalty, taxes, curing etc. complete as per direction of the Engineer-in-charge.    | 0.25     | Cum  | 4982.68        |        |
| 4       | R.C.C.M-20 using 20mm & down graded size hard granite chips of approved quality from approved quarry including hoisting laying concrete to required thickness with cost, conveyance of materials labour including royalty, watering curing etc complete          |          |      |                |        |
| 4a      | Column Base  | 0.69     | Cum  | 5193.15        |        |
| 4b      | Column (GF)  | 0.63     | Cum  | 10925.11       |        |
| 4c      | Column & Beam (FF)   | 2.26     | Cum  | 11914.95       |        |
| 4d      | Lintel   | 1.60     | Cum  | 9303.97        |        |
| 4e      | Roof slab  | 5.11     | Cum  | 10025.27       |        |
| 4f      | Chajja   | 0.36     | Cum  | 12970.77       |        |
| 4g      | Staircase  | 1.79     | Cum  | 10426.24       |        |
| 5       | Cutting, bending, binding of HYSD bars in proper position including cost of binding wire of 18 to 20 gauge, labour, T & P etc complete as per direction of the Engineer-in-charge  |          |      |                |        |
| 6       | Brick work with KB bricks having c.strength between 75 to 99 kg/cm <sup>2</sup> in cm (1:6) including cost of all materials royalty, watering, and labour etc. complete as per direction of the Engineer-in-charge.  | 12.97    | Qntl | 6074.10        |        |
|         | b) Super Structure(1st Floor)  | 18.96    | Cum  | 4647.41        |        |
|         | b) Super Structure(G. Floor)   | 2.06     | Cum  | 4272.16        |        |
| 7       | 10mm thick C.P. in C.M.(1:6) over brick work finished smooth after racking out joints with cost, conveyance of materials labour, T&P required for the work including royalty etc complete as per direction of the Engineer-in-charge.                            | 115.61   | Sqm  | 201.40         |        |
| 8       | 12mm thick C.P. in C.M.(1:6) over brick work finished smooth after racking out joints with cost, conveyance of materials labour, T&P required for the work including royalty etc complete as per direction of the Engineer-in-charge.                            | 115.48   | Sqm  | 141.50         |        |

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|----|---|--------|-----|---------|--|
| 9  | Providing, <b>fitting and fixing of M.S. door &amp;</b> window shutter with frame including cost of all materials, labour, T&P etc. complete as per direction of the Engineer-in-charge.  | 588.83 | Kg  | 125.60  |  |
| 10 | 6mm thick cement plaster(1:4) to RCC surface finished smooth including closed deep chipping and slurry treatment watering ,curing,cost of all materials & labour tec complete.  | 66.29  | Sqm | 156.98  |  |
| 11 | <b>Distempering two coats</b> with approved shed over new all surface including cost of distemper etc.complete as per direction of the Engineer-in-charge.  | 152.22 | Sqm | 111.54  |  |
| 12 | Painting two coats over new iron work including cost, conveyance of materials labour. T&P etc.complete as per direction of the Engineer-in-charge.  | 75.12  | Sqm | 187.38  |  |
| 13 | Providing & fixing vitrified floor tiles of premium grade having thickness 8mm to 10mm (600mmx600mm) size coloured / printed series (Homogeneous) confirming to IS 13756 in floors over 25 mm thick bed of cement mortar (1:1) jointed with neat cement slurry mixed with pigment to match the shade of tiles etc.complete as per direction of the Engineer-in-charge.  | 33.44  | Sqm | 1152.04 |  |
| 14 | Providing two coats of weather coat paint including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete as per direction of the Engineer-in-charge.   | 351.51 | Sqm | 92.27   |  |
| 15 | S&F 4mm plain glass with cost of nail ,screws etc. complete to shape as per direction of Engineer in charge.  | 1.49   | Sqm | 515.85  |  |
|    | <b>PH</b>   |        |     |         |  |
| 16 | Supplying all materials, labour T&P and fixing water closet. (Orissa pattern squatting pan) duly embedded in c.c. (1:5:10) using 4cm h.g metal all complete as per direction of E.I.C.-- (583x440)mm Orissa pan (Neycer/Cerra/ Parry ware/ Hindware)  |        |     |         |  |
|    | a) (583x440)mm Orissa pan (Neycer/Cerra/ Parry ware/ Hindware)  | 1.00   | NO  | 2,611.6 |  |
| 17 | Supplying all materials, labour T&P and fixing Wash Down Water Closet(European type W.C. pan) with Integral 'S' or 'P' trap to the floor with wooden plug and C.P.screws including jointing the trap with soil pipe in C.M.(1:1) etc. all complete as per specification & direction of E.I.C  |        |     |         |  |
| 9  | a) E.W.C. with 'S' trap plain(Neycer/Cerra/ Parrywear/ Hindware)  | 1.00   | NO  | 2,176.7 |  |
| 18 | Supplying all materials, labour, T&P fitting and fixing Plastic Seat and cover for E.W.C. with chromium plated brass hinges and rubber buffers all complete as per specification and direction of E.I.C. (Neycer/ Cerra/Parry ware/ Hindware)   | 1.00   | NO  | 611.6   |  |
| 19 | Supplying all materials, labour T&P and fitting & 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 (Neycer/Cerra/ Parry ware/ Hindware) | 2.00   | NO  | 1568.80 |  |
| 20 | Supplying all materials, labour T&P and fixing wash basins with hole for pillar taps with C.I./M.S brackets painted white including holes in walls and making good the damages etc. all complete as per P.H specification and direction of E.I.C.-- 550mm x 400mm WHB with all Fittings with C.P. Waste, PVC Waste Pipe & Connection Pipe. (Neycer/Cerra/ Parry ware/ Hindware)   | 1.00   | NO  | 1998.80 |  |

complete (2)

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|----|--|-------|-------|----------|----------|
| 21 | Supplying all materials, labour T&P and fixing mirror of superior glass mounted on 6mm thick plywood sheet and fixed to wooden plugs with C.P screws and washers complete as per P.H specification and direction of E.I.C -- <b>600mm x 450mm B.E. Mirror (fixed type)</b>   | 1.00  | NO    | 699.90   | 699.90   |
| 22 | Supplying all materials, labour T&P and fixing standard size <b>C.P. towel rail / ring</b> complete with c.p. brass brackets fixed to wooden plugs with c.p screws as per P.H specification and direction of E.I.C. -- <b>25 mm x 600 mm long C.P Towel rail</b><br>C.P. Towel Ring (St)   | 1.00  | NO    | 427.20   | 427.20   |
| 23 | Supplying all materials, labour, T&P and laying <b>110 mm dia U-PVC Pipe</b> and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, refilling the same in layer of 0.3 mtrs with watering and ramming, removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. <b>110 mm dia U-PVC Pipe Sewerage line with all round encasing ( IS 4985/2000- 4 Kgf/Cm2)</b> | 2.00  | Rmt   | 1077.80  | 2155.60  |
| 24 | 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-40/80) 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 E.I.C - <b>15 mm dia PVC (ASTM) Pipe [Internal]</b>  | 5.00  | Rmt   | 95.50    | 477.50   |
| 25 | 25mm dia HDPE Pipe [External Including E/W]  | 30.00 | Rmt   | 89.57    | 2687.10  |
| 26 | Supplying all materials labour, T&P and cutting holes through brick/stone masonry works including making good the damages in cm (1:4) for taking P.V.C pipes & fittings etc. all complete as per P.H. specification and direction of E.I.C   | 4.00  | NO    | 47.80    | 171.20   |
| 27 | Supplying all materials, labour, T&P and cutting grooves in pucca floors and walls for taking G.I./P.V.C. pipes and making good the damages as per direction of the E.I.C.   | 5.00  | Rmt   | 162.40   | 812.00   |
| 28 | Supplying all materials, labour, T&P and fitting & fixing brass /C.P. fittings of the following nominal bore with supply of all jointing materials etc. complete as per P.H. specification and direction of E.I.C -- <b>15 mm dia C .P S.B. Bib Cock [Jaquar]</b>  |       |       |          | 1700.00  |
|    | 15 mm dia C .P L B. Bib Cock [Jaquar]  |       | 2 Nos | 700.00   |          |
|    | 15 mm dia C .P Angle Stop Cock [Jaquar]  |       | 2 Nos | 927.00   | 1854.00  |
|    | 15 mm dia C .P Pillar Cock with long neck [Jaquar]   |       | 3 Nos | 709.00   | 2127.00  |
|    | 15mm dia C.P. Two Way Bib cock [Jaquar]  |       | 1 Nos | 924.00   | 924.00   |
|    | 15mm dia C.P. Health Faucet [Jaquar]   |       | 1 No  | 927.00   | 927.00   |
|    | 15 mm dia C .P Extension Piece   |       | 1 No  | 1,153.00 | 1153.00  |
|    | 25 mm dia PVC F W V[Good Quality]  |       | 7 Nos | 58.70    | 410.90   |
|    |  |       | 1 Nos | 324.40   | 324.40   |
| 29 | Supply of all labours T&P for fixing & fixing of CP soap holder completed fixed to wooden plugs with screw etc.all complete as per PHE Sepcification   | 3.00  | NO    | 268.90   | 268.90   |
| 30 | Supplying all materials, labour T&P and fixing Ceramic Tiles in floors on 25mm thick bed of cement mortar (1:1) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including rubbing and polishing complete as per specificat--  | 7.45  | Sqm   | 981.50   | 7357.08  |
| 31 | Supplying all materials, labour T&P and fixing porcelain glazed tiles in dados skirting, on 12mm thick C.P. (1:3) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including rubbing and polishing complete as per direction of Engineer-in-Charge.-   | 15.74 | Sqm   | 1044.90  | 16387.33 |

20/05/2020

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|----|---|----------|-------|---------|---------|
| 32 | Supplying all labour, materials, T&P, fitting and fixing of plastic door shutters to be made of selective PVC Profiles. The styles & rails are made of section measuring 24mm x 59mm. A lock rail is provided horizontally at the required place for strength and firmness measuring 24mm x 100mm. The panel are provided a size measuring 200mm x 20mm. All the four corners are provided with MS/Fibre 'L' angles of size 200mm x 100mm and fitted with steel screw. The door to be hanged to the frame with the help of 100mm S.S. hinges and self tapping screw three nos. steel handle two nos and 150mm long steel tower bolt two nos. all complete as per specification and direction of E.I.C (Joint less Single Piece) | 2.72     | NO    | 2283.10 |         |
| 33 | Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O D conforming to ISI No. 4985/2000 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 specification, testing, e.w. in excavation in all kinds of soil and refilling of trenches as per direction of E.I.C.-- <b>110 mm dia U-PVC Pipes (4 Kgf/Cm2)</b>  |          |       |         |         |
|    | 110 mm dia U-PVC P' Trap  | 5.30 Mtr |       | 217.70  |         |
|    | 110 mm dia U-PVC Door cross Tee   | 5 Nos    |       | 299.70  |         |
|    | 110 mm dia U-PVC Door Bend  | 1 No     |       | 350.30  |         |
|    | 110 mm dia U-PVC Plain Bend   | 3 Nos    |       | 204.70  |         |
|    | 110 mm dia U-PVC Cowl   | 1 Nos    |       | 147.00  |         |
|    | 110 mm dia U-PVC Offset   | 1 Nos    |       | 77.30   |         |
|    | 125 mm dia C.P grating  | 1 Nos    |       | 180.50  |         |
|    | 75 mm dia U-PVC Pipes (4 Kgf/Cm2)   | 3 Nos    |       | 69.60   |         |
|    | 75 mm dia U-PVC Plain bend  | 1.00 Mtr |       | 128.60  |         |
|    | 75 mm dia U-PVC Door Bend   | 1 Nos    |       | 93.00   |         |
|    |   | 1 No     |       | 122.90  |         |
| 34 | Supplying all materials, labour T&P and <b>cutting holes</b> through brick/stone masonry walls for taking PVC pipes and fittings including making good the damages etc all complete as per P.H. specification and direction of E.I.C -- <b>250 mm thick wall</b>  |          |       |         |         |
|    | 75 mm thick wall  | 1 Nos    |       | 174.80  |         |
|    |   | 4 Nos    |       | 222.40  |         |
| 35 | Recessed wiring to light point with 1.5sqmm FR PVC insulated single core multistrand copper conductor of ISI marked with 20mm dia non-metallic PVC flexible conduit with 5Amp, 250V piano type switch 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 FR PVC insulated single core multistrand copper conductor and earth wire including all accessories and connection as per direction of engineer in charge ( Make of wire = Finollex/L & T/ Anchor/Havels/ V-Guard) deducting the cost of S/F of 100mmx 100mmx60mm M.S Box with bakelite cover - 1 no)  |          |       |         |         |
|    | do- Light point <b>Group A</b> (1.1.1-1.24.2)   | 9        | Point | 290.87  | 2617.83 |
|    | do- Light point <b>Group B</b> (1.1.1-1.24.2)   | 1        | Point | 502.76  | 502.76  |
|    | do- Fan point <b>Group B</b> (1.1.2-1.24.2)   | 2        | Point | 502.76  | 1005.52 |
|    | do- Ex-Fan point <b>Group B</b> (1.1.3-1.24.2)  | 2        | Point | 767.38  | 1534.76 |
| 36 | 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  |          |       |         |         |
| 37 | do-200mmx150mmx60mm deep(1.24.7)  |          |       |         |         |
| 38 | S/F of 5 amp switch and 5A socket out let of ISI marked on existing board (1.25.1 & 1.25.4)   | 4        | Each  | 165.29  | 661.16  |
| 39 | S/F of metal box of 180mm x 100mmx 60mm deep ( Nominal size) in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 5pin, 15/16 amp. socket out let & 15/16 amp. piano type switch, connection, painting etc as required ( 1.27 )   | 2        | Each  | 83.14   | 166.28  |
|    |   | 1        | Each  | 263.88  | 263.88  |

Amalato (27)

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|    |   |    |      |         |                  |
|----|---|----|------|---------|------------------|
| 40 | Wiring for circuit / sub main wiring alongwith earth wire with following sizes of PVC insulated single core multistrand copper conductor with ISI marked conforming to IS- 694/1990 in 20mm dia non metallic heavy duty flexible conduit 16mm in recessed PVC conduit as required ( Make of wire- Finolex/ L & T /Anchor/ Havels/V-guard) |    |      |         |                  |
|    | do-2x2.5sqmm +1x1.5sqmm ( 1.8.2 )   | 30 | Mtr. | 134.06  | 4021.8           |
|    | do- 2x4sqmm +1x1.5sqmm ( 1.8.3 )  | 10 | Mtr. | 151.44  | 1514.4           |
| 41 | Supply, Installation testing and commissioning of 63 Amp. IC DP Main Switches (IS13940 part 3/1993) with supply of metal box of following capacity on existing surface/Wall mounting & complete with H.R.C fuse links, inter connections earthing etc as required as per direction of Engineer-in-charge.(Make-Anchor ) (2 15 1)          | 1  | Each | 2060.55 | 2060.55          |
| 42 | 250mmx300mmx100mm deep(1.24.13) for fixing 63Amp IC DP Main switch.   | 1  | Each | 274.07  | 274.07           |
| 43 | S/F of "B" series SP MCB of 5A to 32 Amp rating 240Volt "B" series MCB 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)  | 3  | Each | 127.50  | 382.5            |
| 44 | S/F of following 4way single pole and neutral sheet steel MCB DISTRIBUTION BOARD 250v on surface /recess complete with tinned copper bus bar, neutral bar earth bar din bar ,detachable gland plate interconnections phosphatized and powder painted including earthing etc. as required (except MCB) 2.3.1.                              | 1  | Each | 848.90  | 848.9            |
| 45 | S/F of batten holder BK angle holder ISI marked including connection etc instead of ceiling rose (1.29-1.28)  | 5  | Each | 14.68   | 73.4             |
| 46 | Supply and laying 6 SWG G I wire in recess for loop earthing as required (3.18)   | 7  | Mtr. | 47.68   | 333.76           |
| 47 | Supply & Fixing of 48" A.C. ceiling fan without regulator includig numbering of reputed mark including all connections (Make Usha-Striker One/Neo/ Crompton/ Riviera nighspeed/Havells-Samrat/ Anchor-Penta Turbo/ Orient-Summer king/ breeze )   | 2  | Each | 2103.00 | 4206             |
| 48 | S/F of electric step ceiling fan regulator in existing switch box including connection with 1.5sqmm FR PVC insulated single core multistrand copper conductor earthing the regulator as required (1.38)   | 2  | Each | 284.17  | 568.34           |
| 49 | S/F of Fan hok S'type made of 16mm MS rod as per specificationn   | 2  | Each | 204.00  | 408              |
| 50 | S/F of 18-25 watt LED Tube light fitting compoete with all connection including fixing and all accessories as per direction of Engineer-in-charge (Make Havels /Philips /Crompton/Polycab/PAC/HPL)  | 4  | Each | 657.00  | 2628             |
| 51 | S/F of 9W LED bulb (Make: Havels /Philips /Crompton/Polycab/PAC/HPL)  | 5  | Each | 167.58  | 837.9            |
|    |   |    |      |         | <b>619524.00</b> |

My / our Quoted rate is (in figure) ..... % (in words) ..... Percent  
 Excess over / Less than / equal to / the above estimated cost.

**Signature of Contractor**

Sold vide Money Receipt No. \_\_\_\_\_

Date \_\_\_\_\_

towards cost of \_\_\_\_\_

( Rupees

only)

**Chief District Medical & Public Health Officer  
Balasore**

**FOR OFFICIAL USE ONLY**

|                                   |  |   |  |
|-----------------------------------|--|---|--|
| No. of Corrections                |  | : |  |
| No. of Overwriting                |  | : |  |
| No. of Interpolation              |  | : |  |
| E. M. D.                          |  | : |  |
| PAN                               |  | : |  |
| VAT                               |  | : |  |
| Affidavit                         |  | : |  |
| Reg. certificate                  |  | : |  |
| Difference in words & Figures.    |  | : |  |
| Price preference applied / or not |  | : |  |

*Ramesh Kumar* (21)

## TENDER SCHEDULE

Name of the work

Proposed Sub-Centre HWC building at Tapundia  
under Basliapal Block in the District of Balasore  
for the year 2020-21"

Estimated cost

₹ 6.21 Lakh

E.M.D. to be deposited

1% Estimated Cost.

Cost of tender paper

₹ 4000.00

Date of sale of tender

Date of receipt of tender

Date of opening of tender

Time of completion

Class of contractor

C &amp; D class

| Sl. No. | DESCRIPTION OF ITEMS   | Quantity | Unit | Rate in Figure | Amount |
|---------|--|----------|------|----------------|--------|
| 1       | Earth work in excavation of foundation in hard soil with all leads and lifts and to required depth including dressing and levelling the bed and depositing the excavated materials away from work site etc. complete as per direction of the Engineer-in-charge.   | 2.04     | Sqm  | 184.63         |        |
| 2       | <b>Filling foundation and plinth</b> with sand well watered and rammed including cost, conveyance of materials, labour T&P, royalty etc. complete as per direction of the Engineer-in-charge.  | 0.25     | Cum  | 650.80         |        |
| 3       | Providing P.C.C. (1:3:6) with 4cm size h.g. metal of approved quality in foundation / floor including hoisting laying concrete, cost & conveyance of materials, labour T&P, royalty, taxes, curing etc. complete as per direction of the Engineer-in-charge.       | 0.25     | Cum  | 4982.68        |        |
| 5       | <b>R.C.C.M-20 using 20mm &amp; down graded size hard granite</b> chips of approved quality from approved quarry including hoisting laying concrete to required thickness with cost, conveyance of materials labour including royalty, watering curing etc complete |          |      |                |        |
| 5a      | <b>Column Base</b>   | 0.69     | Cum  | 5193.15        |        |
| 5b      | <b>Column (GF)</b>   | 0.63     | Cum  | 10925.11       |        |
| 5c      | <b>Column &amp; Beam (FF)</b>  | 2.26     | Cum  | 11914.95       |        |
| 5e      | <b>Lintel</b>  | 1.60     | Cum  | 9303.97        |        |
| 5f      | <b>Roof slab</b>   | 5.11     | Cum  | 10025.27       |        |
| 5g      | <b>Chajja</b>  | 0.36     | Cum  | 12970.77       |        |
| 5h      | <b>Staircase</b>   | 1.79     | Cum  | 10426.24       |        |
| 6       | Cutting, bending, binding of HYSD bars in proper position including cost of binding wire of 18 to 20 gauge, labour T & P etc complete as per direction of the Engineer-in-charge.  | 13.44    | Qntl | 6037.52        |        |
| 7       | Brick work with <b>KB bricks</b> having c.strength between 75 to 99 kg/cm <sup>2</sup> in cm (1:6) including cost of all materials royalty, watering, and labour etc. complete as per direction of the Engineer-in-charge.   |          |      |                |        |
|         | a) Super Structure(1st Floor)  | 18.96    | Cum  | 4600.65        |        |
|         | b) Super Structure(G. Floor)   | 2.06     | Cum  | 4272.16        |        |
| 8       | 16mm thick C.P in C.M.(1:6) over brick work finished smooth after racking out joints with cost, conveyance of materials labour. T&P required for the work including royalty etc complete as per direction of the Engineer-in-charge.                               | 115.61   | Sqm  | 201.40         |        |

Whole Sheet (20)

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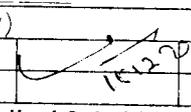
|    |   |       |     |          |  |
|----|---|-------|-----|----------|--|
| 11 | Supplying all materials, labour T&P and fixing <b>wash basins</b> with hole for pillar taps with C.I/M S brackets painted white including holes in walls and making good the damages etc. all complete as per P.H specification and direction of E.I.C -- 550mm x 400mm WHB with all <b>Fittings with C.P. Waste, PVC Waste Pipe &amp; Connection Pipe. (Neycer/Cerra/ Parry ware/ Hindware)</b>  | 1.00  | NO  | 1998.80  |  |
| 12 | Supplying all materials, labour T&P and fixing mirror of superior glass mounted on 6mm thick plywood sheet and fixed to wooden plugs with C.P screws and washers complete as per P.H specification and direction of E.I.C.-- <b>600mm x 450mm B.E. Mirror (fixed type)</b>  | 1.00  | NO  | 699.90   |  |
|    | Supplying all materials, labour T&P and fixing standard size C.P. <b>towel rail / ring</b> complete with c.p. brass brackets fixed to wooden plugs with c.p screws as per P.H specification and direction of E.I.C. -- <b>25 mm x 600 mm long C.P Towel rail</b><br>C.P. Towel Ring (St.)   | 1.00  | NO  | 427.20   |  |
| 13 | Supplying all materials, labour, T&P and laying <b>110 mm dia U-PVC Pipe</b> and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, refilling the same in layer of 0.3 mtrs with watering and ramming, removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. <b>110 mm dia U-PVC Pipe Sewerage line with all round encasing (IS 4985/2000- 4 Kgf/Cm2)</b> | 2.00  | Rmt | 1077.80  |  |
| 14 | 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-40/80) 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 E.I.C - <b>15 mm dia PVC (ASTM) Pipe [Internal]</b><br>25mm dia HDPE Pipe [External Including E/W]  | 5.00  | Rmt | 95.50    |  |
|    | Supplying all materials, labour, T&P and cutting holes through brick/stone masonry works including making good the damages in c.m. (1:4) for taking PVC pipes & fittings etc. all complete as per P.H specification and direction of E.I.C  | 30.00 | Rmt | 89.57    |  |
|    | Supplying all materials, labour, T&P and cutting grooves in pucca floors and walls for taking G.I./P.V.C. pipes and making good the damages as per direction of the E.I.C   | 4.00  | NO  | 47.80    |  |
|    | Supplying all materials, labour, T&P and fitting & fixing brass /C.P fittings of the following nominal bore with supply of all jointing materials etc. complete as per P.H. specification and direction of E.I.C. -- <b>15 mm dia C .P S.B. Bib Cock [Jaquar]</b>   | 5.00  | Rmt | 162.40   |  |
|    | 15 mm dia C .P L.B. Bib Cock [Jaquar]   | 2 Nos |     | 700.00   |  |
|    | 15 mm dia C .P Angle Stop Cock [Jaquar]   | 2 Nos |     | 927.00   |  |
|    | 15 mm dia C .P Pillar Cock with long neck [Jaquar]  | 3 Nos |     | 709.00   |  |
|    | 15mm dia C.P. Two Way Bib cock [Jaquar]   | 1 Nos |     | 924.00   |  |
|    | 15mm dia C.P. Health Faucet [Jaquar]  | 1 No  |     | 927.00   |  |
|    | 15 mm dia C .P Extension Piece  | 1 No  |     | 1,153.00 |  |
|    | 25 mm dia PVC F.W.V[Good Quality]   | 7 Nos |     | 58.70    |  |
|    |   | 1 Nos |     | 324.40   |  |
| 22 | Supply of all labours.T&P for fixing & fixing of CP soap holder completed fixed to wooden plugs with screw etc.all complete as per PHE Sepcification  | 3.00  | NO  | 268.90   |  |
|    | Supplying all materials, labour T&P and fixing Ceramic Tiles in floors on 25mm thick bed of cement mortar (1:1) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including rubbing and polishing complete as per specificat--   | 7.45  | Sqm | 981.50   |  |
| 24 | Supplying all materials, labour T&P and fixing porcelain glazed tiles in <b>dados skirting</b> . on 12mm thick C.P. (1:3) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including rubbing and polishing complete as per direction of Engineer-in-Charge -  | 15.74 | Sqm | 1044.90  |  |

Done at No. 22

3



|    |  |    |      |         |                  |
|----|--|----|------|---------|------------------|
|    | do-2x2.5sqmm + 1x1.5sqmm ( 1.8.2 )   | 30 | Mtr. | 134.06  | 4021.8           |
|    | do- 2x4sqmm + 1x1.5sqmm ( 1.8.3 )  | 10 | Mtr. | 151.44  | 1514.4           |
| 31 | Supply Installation testing and commissioning of 63 Amp IC DP Main Switches (IS13940 part 3/1993) with supply of metal box of following capacity on existing surface/Wall mounting & complete with H.R.C fuse links. inter connections earthing etc as required as per direction of Engineer Incharge(Make-Anchor ) (2.15.1) | 1  | Each | 2060.55 | 2060.55          |
|    | 250mmx300mmx100mm deep(1.24.13) for fixing 63Amp IC DP Main switch   | 1  | Each | 274.07  | 274.07           |
| 32 | S/F of "B" series SP MCB of 5A to 32 Amp rating 240Volt "B" series MCB 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)   | 3  | Each | 127.50  | 382.5            |
| 33 | S/F of following 4way single pole and neutral sheet steel MCB DISTRIBUTION BOARD 250v on surface /recess complete with tinned copper bus bar, neutral bar, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required (except MCB) 2.3.1              | 1  | Each | 848.90  | 848.9            |
| 34 | S/F of batten holder BK angle holder ISI marked including connection etc instead of ceiling rose (1.29-1.28)   | 5  | Each | 14.68   | 73.4             |
| 35 | Supply and laying 6 SWG GI wire in recess for loop earthing as required (1.3.18)   | 7  | Mtr. | 47.68   | 333.76           |
| 36 | Supply & Fixing of 48" A.C. ceiling fan without regulator including numbering of reputed mark including all connections (Make:Usha-Striker One/Neo/ Crompton/Riviera highspeed/Havells-Samrat/ Anchor-Penta Turbo/ Orient-Summer King/Breeze )   | 2  | Each | 2103.00 | 4206             |
| 37 | S/F of electric step ceiling fan regulator in existing switch box including connection with 1.5sqmm FR PVC insulated single core multistrand copper conductor earthing the regulator as required (1.38)  | 2  | Each | 284.17  | 568.34           |
| 38 | S/F of Fan hok S'type made of 16mm MS rod as per specificationn  | 2  | Each | 204.00  | 408              |
| 39 | S/F of 18-25 watt LED Tube light fitting compoete with all connection \ including fixing and all accessories as per direction of Engineer-In-charge (Make: Havels /Philips /Crompton/Polycab/PAC/HPL)  | 4  | Each | 657.00  | 2628             |
| 40 | S/F of 9W LED bulb (Make: Havels /Philips /Crompton/Polycab/PAC/HPL)   | 5  | Each | 167.58  | 837.9            |
|    |  |    |      |         | <b>620557.22</b> |

|   |  |            |  |                       |  |
|---|--|------------|--|-----------------------|--|
| My / our Quoted rate is (in figure) ..... % (in words) ..... Percent                  |  |            |  |                       |  |
| Excess over / Less than / equal to / the above estimated cost.                        |  |            |  |                       |  |
|   |  |            |  |                       |  |
|   |  |            |  |                       |  |
| <b>Signature of Contractor</b>  |  |            |  |                       |  |
|   |  |            |  |                       |  |
| Sold vide Money Receipt No. _____   |  | Date _____ |  | towards cost of _____ |  |
| Tender paper on payment of Rs. _____ ( Rupees _____ only)                             |  |            |  |                       |  |
|  |  |            |  |                       |  |
| <b>Chief District Medical &amp; Public Health Officer<br/>Balasore</b>                |  |            |  |                       |  |
|   |  |            |  |                       |  |
| <b>FOR OFFICIAL USE ONLY</b>  |  |            |  |                       |  |
| No. of Corrections  |  | :          |  |                       |  |
| No. of Overwriting  |  | :          |  |                       |  |
| No. of Interpolation  |  | :          |  |                       |  |
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| Affidavit   |  | :          |  |                       |  |
| Reg. certificate  |  | :          |  |                       |  |
| Difference in words & Figures.  |  | :          |  |                       |  |
| Price preference applied / or not   |  | :          |  |                       |  |

*W. S. / 10/20*

*(5)*

**TENDER SCHEDULE**

Name of the work

Proposed Sub-Centre HWC building at Belda  
under Bhogarai Block in the District of Balasore  
for the year 2020-21"

Estimated cost

Rs. 6.21 Lakh  
1% Estimated Cost.  
= 4550.00

E.M.D. to be deposited

Cost of tender paper

Date of sale of tender

Date of receipt of tender

Date of opening of tender

Time of completion

Class of contractor

C &amp; D class

| Sl. No. | DESCRIPTION OF ITEMS   | Quantity | Unit | Rate in Figure | Amount   |
|---------|--|----------|------|----------------|----------|
| 1       | Earth work in excavation of foundation in hard soil with all leads and lifts and to required depth including dressing and levelling the bed and depositing the excavated materials away from work site etc. complete as per direction of the Engineer-in-charge.   | 2.04     | Sqm  | 184.63         | 376.64   |
| 2       | <b>Filling foundation and plinth with sand</b> well watered and rammed including cost, conveyance of materials, labour T&P, royalty etc. complete as per direction of the Engineer-in-charge.  | 0.25     | Cum  | 751.16         | 187.79   |
| 3       | Providing P.C.C. (1:3:6) with 4cm size h.g. metal of approved quality in foundation / floor including hoisting laying concrete, cost & conveyance of materials, labour ,T&P, royalty, taxes, curing etc. complete as per direction of the Engineer-in-charge.      | 0.25     | Cum  | 5283.41        | 1320.85  |
| 4       | <b>R.C.C.M-20 using 20mm &amp; down graded size hard granite</b> chips of approved quality from approved quarry including hoisting laying concrete to required thickness with cost, conveyance of materials labour including royalty, watering curing etc complete |          |      |                |          |
| 4a      | <b>Column Base</b>   | 0.69     | Cum  | 5475.08        | 3774.21  |
| 4b      | <b>Column (GF)</b>   | 0.63     | Cum  | 11207.04       | 7066.44  |
| 4c      | <b>Column &amp; Beam (FF)</b>  | 2.26     | Cum  | 12196.88       | 27564.94 |
| 4d      | <b>Lintel</b>  | 1.60     | Cum  | 9585.90        | 15337.44 |
| 4e      | <b>Roof slab</b>   | 5.11     | Cum  | 10307.20       | 52870.00 |
| 4f      | <b>Chajja</b>  | 0.36     | Cum  | 13252.70       | 4771.00  |
| 4g      | <b>Staircase</b>   | 1.79     | Cum  | 10708.17       | 19167.70 |
| 5       | Cutting bending <b>binding of HYSD bars</b> in proper position including cost of binding wire of 18 to 20 gauge. labour. T & P etc complete as per direction of the Engineer-in-charge.  |          |      |                |          |
|         |  | 13.44    | Qntl | 6065.24        | 81436.80 |
| 6       | Brick work with <b>KB bricks</b> having c.strength between 75 to 99 (10cm in cm <b>(1:6)</b> including cost of all materials royalty, watering, and labour etc. complete as per direction of the Engineer-in-charge  |          |      |                |          |
|         | b) Super Structure(1st Floor)  | 18.96    | Cum  | 4689.93        | 88841.60 |
|         | c) Super Structure(G. Floor)   | 2.06     | Cum  | 4272.16        | 8800.64  |
| 7       | 18mm thick C.P. in C.M.(1:6) over brick work finished smooth after racking out joints with cost. conveyance of materials labour. T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge                               | 115.61   | Sqm  | 202.91         | 23447.11 |



|    |   |       |       |          |         |
|----|---|-------|-------|----------|---------|
| 20 | Supplying all materials, labour T&P and fixing wash basins with hole for pillar taps with C/I/M S brackets painted white including holes in walls and making good the damages etc. all complete as per P.H specification and direction of E.I.C -- 550mm x 400mm WHB with all Fittings with C.P. Waste, PVC Waste Pipe & Connection Pipe. (Neycer/Cerral/ Parry ware/ Hindware)   | 1.00  | NO    | 1998.80  | 1998.80 |
| 21 | Supplying all materials, labour T&P and fixing mirror of superior glass mounted on 6mm thick plywood sheet and fixed to wooden plugs with C.P screws and washers complete as per P.H specification and direction of E.I.C -- 600mm x 450mm B.E. Mirror (fixed type)   | 1.00  | NO    | 699.90   | 699.90  |
| 22 | Supplying all materials, labour T&P and fixing standard size C.P. towel rail / ring complete with c.p. brass brackets fixed to wooden plugs with c.p screws as per P.H specification and direction of E.I.C -- 25 mm x 600 mm long C.P Towel rail   |       |       |          |         |
|    | C.P. Towel Ring (St)  | 1.00  | NO    | 427.20   | 427.20  |
| 23 | Supplying all materials, labour T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, refilling the same in layer of 0.3 mtrs with watering and ramming removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. 110 mm dia U-PVC Pipe Sewerage line with all round encasing ( IS-4985/2000- 4 Kgf/Cm2) | 2.00  | Rmt   | 1077.80  | 2155.60 |
| 24 | 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-40/80) 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 E.I.C - 15 mm dia PVC (ASTM) Pipe [Internal]  | 5.00  | Rmt   | 95.50    | 477.50  |
|    | 25mm dia HDPE Pipe [External Including E/W]   | 30.00 | Rmt   | 89.57    | 2687.10 |
| 25 | Supplying all materials, labour T&P and cutting holes through brick/stone masonry works including making good the damages in c.m. (1:4) for taking P.V.C pipes & fittings etc. all complete as per P.H. specification and direction of E.I.C.   | 4.00  | NO    | 47.80    | 191.20  |
| 26 | Supplying all materials, labour, T&P and cutting grooves in pucca floors and walls for taking G.I./P.V.C. pipes and making good the damages as per direction of the E.I.C   | 5.00  | Rmt   | 162.40   | 812.00  |
| 27 | Supplying all materials, labour, T&P and fitting & fixing brass /C.P fittings of the following nominal bore with supply of all jointing materials etc. complete as per P.H. specification and direction of E.I.C. -- 15 mm dia C .P S.B. Bib Cock [Jaquar]  |       |       |          | 1435.00 |
|    | 15 mm dia C .P L B. Bib Cock [Jaquar]   |       | 2 Nos | 700.00   |         |
|    | 15 mm dia C .P Angle Stop Cock [Jaquar]   |       | 2 Nos | 927.00   | 1854.00 |
|    | 15 mm dia C .P Pillar Cock with long neck [Jaquar]  |       | 3 Nos | 709.00   | 2127.00 |
|    | 15mm dia C.P Two Way Bib cock [Jaquar]  |       | 1 Nos | 924.00   | 924.00  |
|    | 15mm dia C.P Health Faucet [Jaquar]   |       | 1 No  | 927.00   | 927.00  |
|    | 15mm dia C.P Extension Piece  |       | 1 No  | 1,153.00 | 1153.00 |
|    | 25 mm dia PVC F W V[Good Quality]   |       | 7 Nos | 58.70    | 410.90  |
|    |   |       | 1 Nos | 324.40   | 324.40  |
| 28 | Supply of all labours, T&P for fixing & fixing of CP soap holder completed, fixed to wooden plugs with screw etc. all complete as per PHE Specification   | 3.00  | NO    | 268.90   | 796.70  |
| 29 | Supplying all materials, labour T&P and fixing Ceramic Tiles in floors on 25mm thick bed of cement mortar (1:1) joined with neat cement slurry mixed with pigments to match the shades of the tiles including rubbing and polishing complete as per specificat--  | 7.45  | Sqm   | 981.50   | 7341.10 |

20/05/2023

|    |  |          |       |         |         |
|----|--|----------|-------|---------|---------|
| 30 | Supplying all materials, labour T&P and fixing porcelain glazed tiles in dados skirting on 12mm thick C P (1:3) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including rubbing and polishing complete as per direction of Engineer-in-Charge -   | 15.74    | Sqm   | 1044.90 | 157.40  |
| 31 | Supplying all labour, materials T&P, fitting and fixing of plastic door shutters to be made of selective PVC Profiles. The styles & rails are made of section measuring 24mm x 59mm. A lock rail is provided horizontally at the required place for strength and firmness measuring 24mm x 100mm. The panel are provided a size measuring 200mm x 20mm. All the four corners are provided with MS/Fibre L angles of size 200mm x 100mm and fitted with steel screw. The door to be hanged to the frame with the help of 100mm S S hinges and self tapping screw three nos, steel handle two nos, and 150mm long steel tower bolt two nos, all complete as per specification and direction of E.I.C (Joint less Single Piece) | 2.72     | NO    | 2283.10 | 6100    |
| 32 | Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by hot neat application method as per manufacturer's specification, testing e/w in excavation in all kinds of soil and refilling of trenches as per direction of E.I.C -- <b>110 mm dia U-PVC Pipes (4 Kgf/Cm2)</b>   |          |       |         | 1588.00 |
|    | 110 mm dia U-PVC P' Trap   | 5.30 Mtr |       | 217.70  |         |
|    | 110 mm dia U-PVC Door cross Tee  | 5 Nos    |       | 299.70  | 1198.50 |
|    | 110 mm dia U-PVC Door Bend   | 1 No     |       | 350.30  | 350.30  |
|    | 110 mm dia U-PVC Plain Bend  | 3 Nos    |       | 204.70  | 614.10  |
|    | 110 mm dia U-PVC Cowl  | 1 Nos    |       | 147.00  | 147.00  |
|    | 110 mm dia U-PVC Offset  | 1 Nos    |       | 77.30   | 77.30   |
|    | 125 mm dia C P grating   | 1 Nos    |       | 180.50  | 180.50  |
|    | 75 mm dia U-PVC Pipes (4 Kgf/Cm2)  | 3 Nos    |       | 69.60   | 208.80  |
|    | 75 mm dia U-PVC Plain bend   | 1.00 Mtr |       | 128.60  | 128.60  |
|    | 75 mm dia U-PVC Door Bend  | 1 Nos    |       | 93.00   | 93.00   |
|    |  | 1 No     |       | 122.90  | 122.90  |
| 33 | Supplying all materials, labour T&P and <b>cutting holes</b> through brick/stone masonry walls for taking PVC pipes and fittings including making good the damages etc, all complete as per P.H. specification and direction of E.I.C -- <b>250 mm thick wall</b>  |          |       |         | 174.80  |
|    | 250 mm thick wall  | 1 Nos    |       | 174.80  |         |
|    |  | 4 Nos    |       | 222.40  | 897.20  |
|    |  |          |       |         |         |
|    |  |          |       |         |         |
| 34 | Recessed wiring to light point with 1.5sqmm FR PVC insulated single core multistrand copper conductor of ISI marked with 20mm dia non-metallic PVC flexible conduit with 5Amp, 250V piano type switch 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 FR PVC insulated single core multistrand copper conductor and earth wire including all accessories and connection as per direction of engineer in charge (Make of wire = Finollex/L & T/ Anchor/Havels/ V-Guard) (deducting the cost of S/F of 100mmx 100mmx60mm M.S.Box with bakelite cover - 1 no)  |          |       |         |         |
|    | do Light point <b>Group A</b> (1.1.1-1.24.2)   | 9        | Point | 290.87  | 2617.83 |
|    | do Light point <b>Group B</b> (1.1.1-1.24.2)   | 1        | Point | 502.76  | 502.76  |
|    | do Fan point <b>Group B</b> (1.1.2-1.24.2)   | 2        | Point | 502.76  | 1005.52 |
|    | do Ex-Fan point <b>Group B</b> (1.1.3-1.24.2)  | 2        | Point | 767.38  | 1534.76 |
| 35 | Sl 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  |          |       |         |         |
|    | do-200mmx150mmx60mm deep(1.24.7)   | 4        | Each  | 165.29  | 661.16  |

20/06/2018

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|    |   |    |      |         |                  |
|----|---|----|------|---------|------------------|
| 36 | S.F. of 5 amp switch and 5A socket outlet of ISI marked on existing board (1 25 1 & 1 25 4)   | 2  | Each | 83.14   | 166.28           |
| 37 | S.F. of metal box of 180mm x 100mm x 60mm deep (Nominal size) in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 5pin 15/16 amp socket outlet & 15/16 amp piano type switch, connection, painting etc as required (1 27)  | 1  | Each | 263.88  | 263.88           |
| 38 | Wiring for circuit / sub main wiring alongwith earth wire with following sizes of PVC insulated single core multistrand copper conductor with ISI marked conforming to IS- 694/1990 in 20mm dia non metallic heavy duty flexible conduit 10mm in recessed PVC conduit as required ( Make of wire- Finolex/ L & T Anchor Havells/V-guard). |    |      |         |                  |
|    | do-2x2.5sqmm + 1x1.5sqmm (1 8 2)  | 30 | Mtr. | 134.06  | 4021.8           |
|    | do- 2x4sqmm + 1x1.5sqmm (1 8 3)   | 10 | Mtr. | 151.44  | 1514.4           |
| 39 | Supply, installation testing and commissioning of 63 Amp IC DP Main Switches (IS13940 part 3/1993) with supply of metal box of following capacity on existing surface/Wall mounting & complete with H.R.C fuse links, inter connections earthing etc as required as per direction of Engineer-in-charge.(Make-Anchor) (2 15 1)            | 1  | Each | 2060.55 | 2060.55          |
|    | 240mmx300mmx100mm deep(1 24 13) for fixing 63Amp IC DP Main switch.   | 1  | Each | 274.07  | 274.07           |
| 40 | S.F. of "B" series SP MCB of 5A to 32 Amp rating 240Volt "B" series MCB 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)   | 3  | Each | 127.50  | 382.5            |
| 41 | S.F. of following 4-way single pole and neutral sheet steel MCB DISTRIBUTION BOARD 250v on surface /recess complete with tinned copper bus bar, neutral bar, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required (except MCB) 2 3 1                         | 1  | Each | 848.90  | 848.9            |
| 42 | S.F. of batten holder BK angle holder ISI marked including connection etc instead of ceiling rose (1 29-1 28)   | 5  | Each | 14.68   | 73.4             |
| 43 | Supply and laying 6 SWG GI wire in recess for loop earthing as required (3 15)  | 7  | Mtr. | 47.68   | 333.76           |
| 44 | Supply & Fixing of 48" A.C. ceiling fan without regulator including numbering of reputed mark including all connections (Make:Usha-Striker One/Neo/ Crompton/ Kiviera highspeed/Havells-Samrat/ Anchor-Penta Turbo/ Orient-Summer king/ breeze)   | 2  | Each | 2103.00 | 4206             |
| 45 | S.F. of electric step ceiling fan regulator in existing switch box including connection with 1.5sqmm FR PVC insulated single core multistrand copper conductor earthing the regulator as required (1 38)  | 2  | Each | 284.17  | 568.34           |
| 46 | S.F. of Fan hook S type made of 16mm MS rod as per specifications   | 2  | Each | 204.00  | 408              |
| 47 | S.F. of 18-25 watt LED Tube light fitting composite with all connections including fixing and all accessories as per direction of Engineer-In-charge (Make: Havells /Philips /Crompton/Polycab/PAC/HPL)   | 4  | Each | 657.00  | 2628             |
| 48 | S.F. of 9W LED bulb (Make: Havells /Philips /Crompton/Polycab/PAC/HPL)  | 5  | Each | 167.58  | 837.9            |
|    |   |    |      |         | <b>620786.05</b> |

My / our Quoted rate is (in figure) ..... % (in words) .....Percent  
Excess over / Less than / equal to / the above estimated cost.

**Signature of Contractor**

Sold vide Money Receipt No. \_\_\_\_\_ Date \_\_\_\_\_ towards cost of  
Tender paper on payment of Rs. \_\_\_\_\_ ( Rupees \_\_\_\_\_ only)

*(Signature)*  
**Chief District Medical & Public Health Officer**  
**Balasore**

(W) 2011/10 (23)

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|-----------------------------------|--|--|---|--|--|
| No. of Corrections                |  |  | : |  |  |
| No. of Overwriting                |  |  | : |  |  |
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| VAT                               |  |  | : |  |  |
| Affidavit                         |  |  | : |  |  |
| Req. certificate                  |  |  | : |  |  |
| Difference in words & Figures.    |  |  | : |  |  |
| Price preference applied / or not |  |  | : |  |  |

6

**TENDER SCHEDULE**

Name of the work

Proposed Sub-Centre HWC building at  
LAKHANNATHA under Jaleswar Block in the  
District of Balasore for the year 2020-21"

Estimated cost

Rs 6.20 Lakh

E.M.D. to be deposited

1% of Estimated Cost.

Cost of tender paper

₹ 4000.00

Date of sale of tender

Date of receipt of tender

Date of opening of tender

Time of completion

Class of contractor

C-2 class

| Sl. No. | DESCRIPTION OF ITEMS  | Quantity | Unit | Rate in Figure | Amount   |
|---------|---|----------|------|----------------|----------|
| 1       | Earth work in excavation of foundation in hard soil with all leads and lifts and to required depth including dressing and levelling the bed and depositing the excavated materials away from work site etc. complete as per direction of the Engineer-in-charge.    | 2.04     | Sqm  | 184.63         | 376.64   |
| 2       | <b>Filling foundation and plinth with sand</b> well watered and rammed including cost, conveyance of materials, labour T&P, royalty etc. complete as per direction of the Engineer-in-charge.   | 0.25     | Cum  | 438.95         | 109.74   |
| 3       | Providing P.C.C. (1:3:6) with 4cm size h.g. metal of approved quality in foundation / floor including hoisting laying concrete, cost & conveyance of materials, labour ,T&P, royalty, taxes, curing etc. complete as per direction of the Engineer-in-charge.       | 0.25     | Cum  | 4972.58        | 1243.14  |
| 4       | <b>R.C.C.M-20 using 20mm &amp; down graded size hard granite</b> chips of approved quality from approved quarry including hoisting laying concrete to required thickness with cost, conveyance of materials labour including royalty, watering curing etc complete. |          |      |                |          |
| 4a      | <b>Column Base</b>  | 0.69     | Cum  | 5179.06        | 3578.15  |
| 4b      | <b>Column (GF)</b>  | 0.63     | Cum  | 10911.02       | 6865.94  |
| 4c      | <b>Column &amp; Beam (FF)</b>   | 2.26     | Cum  | 11900.86       | 26875.94 |
| 4d      | <b>Lintel</b>   | 1.60     | Cum  | 9289.88        | 14863.81 |
| 4e      | <b>Roof slab</b>  | 5.11     | Cum  | 10011.18       | 51157.14 |
| 4f      | <b>Chajja</b>   | 0.36     | Cum  | 12956.68       | 4674.41  |
| 4g      | <b>Staircase</b>  | 1.79     | Cum  | 10412.15       | 18537.85 |
| 5       | Cutting, bending, <b>binding of HYSD</b> bars in proper position including cost of binding wire of 18 to 20 gauge, labour, T & P etc complete as per direction of the Engineer-in-charge.   |          |      |                |          |
|         |   | 13.26    | Qntl | 6045.73        | 80167.66 |
| 6       | Brick work with <b>KB bricks</b> having c.strength between 75 to 99 kg/cm <sup>2</sup> in cm <b>(1:6)</b> including cost of all materials royalty, watering, and labour etc. complete as per direction of the Engineer-in-charge.                                   |          |      |                |          |
|         | a) Super Structure(1st Floor)   | 18.96    | Cum  | 4614.74        | 87475.36 |
|         | b) Super Structure(G. Floor)  | 2.06     | Cum  | 4272.16        | 8798.65  |
| 7       | 16mm thick C.P. in C.M.(1:6) over brick work finished smooth after racking out joints with cost, conveyance of materials labour, T&P required for the work including royalty etc. complete as per direction of the Engineer-in-charge.                              | 115.61   | Sqm  | 198.06         | 22900.16 |
| 8       | 12mm thick C.P. in C.M.(1:6) over brick work finished smooth after racking out joints with cost, conveyance of materials labour, T&P required for the work including royalty etc. complete as per direction of the Engineer-in-charge.                              | 115.48   | Sqm  | 138.73         | 16000.16 |

|    |   |        |     |         |         |
|----|---|--------|-----|---------|---------|
| 9  | Providing, <b>fitting and fixing of M.S. door &amp; window shutter</b> with frame including cost of all materials, labour, T&P etc. complete as per direction of the Engineer-in-charge.  | 590.09 | Kg  | 125.60  | 741.69  |
| 10 | 6mm thick cement plaster(1:4) to RCC surface finished smooth including closed deep chipping and slurry treatment watering ,curing,cost of all materials & labour tec complete.  | 66.29  | Sqm | 155.52  | 221.81  |
| 11 | <b>Distempering two coats</b> with approved shed over new all surface including cost of distemper etc.complete as per <b>direction of the Engineer-in-charge.</b>   | 152.22 | Sqm | 111.54  | 263.76  |
| 12 | Painting two coats over new iron work including cost. conveyance of materials labour. T&P etc complete as per direction of the Engineer-in-charge   | 75.12  | Sqm | 187.38  | 262.50  |
| 13 | Providing & fixing vitrified floor tiles of premium grade having thickness 8mm to 10mm (600mmx600mm) size coloured / printed series (Homogeneous) confirming to IS 13756 in floors over 25 mm thick bed of cement mortar (1:1) jointed with neat cement slurry mixed with pigment to match the shade of tiles etc.complete as per direction of the Engineer-in-charge   | 33.44  | Sqm | 1152.04 | 1185.48 |
| 14 | Providing two coats of weather coat paint including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete as per direction of the Engineer-in-charge.   | 354.37 | Sqm | 92.27   | 446.64  |
| 15 | S&F 4mm plain glass with cost of nail .screws etc. complete to shape as per direction of Engineer in charge   | 1.49   | Sqm | 515.85  | 517.34  |
| 16 | Supplying all materials labour T&P and fixing water closet. (Orissa pattern squatting pan) duly embedded in c.c. (1.5:10) using 4cm h g metal all complete as per direction of E.I.C.-- (583x440)mm Orissa pan (Neycer/Cerra/ Parry ware/ Hindware)   |        |     |         | 6       |
| 17 | a) (583x440)mm Orissa pan (Neycer/Cerra/ Parry ware/ Hindw  | 1.00   | NO  | 2,611.6 | 2611.60 |
| 18 | Supplying all materials. labour T&P and fixing Wash Down Water Closet(European type W.C. pan) with Integral 'S' or 'P' trap to the floor with wooden plug and C.P.screws including jointing the trap with soil pipe in C.M.(1:1) etc. all complete as per specification & direction of E.I.C  |        |     |         |         |
| 19 | a) E W C with 'S' trap plain(Neycer/Cerra/ Parrywear/ Hindware)   | 1.00   | NO  | 2,176.7 | 2176.70 |
| 20 | Supplying all materials. labour T&P fitting and fixing Plastic Seat and cover for EWC with chromium plated brass hinges and rubber buffers all complete as perr specification and direction of E.I.C. (Neycer/ Cerra/Parry ware/ Hindware)  | 1.00   | NO  | 611.6   | 611.60  |
| 21 | Supplying all materials. labour T&P and fitting & 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 (Neycer/Cerra/ Parry ware/ Hindware) | 2.00   | NO  | 1568.80 | 3137.60 |
| 22 | Supplying all materials. labour T&P and fixing <b>wash basins</b> with hole for pillar taps with C.I/M.S brackets painted white including noles in walls and making good the damages etc. all complete as per P.H specification and direction of E.I.C.-- 550mm x 400mm <b>WHB with all Fittings with C.P. Waste, PVC Waste Pipe &amp; Connection Pipe.</b> (Neycer/Cerra/ Parry ware/ Hindware)  | 1.00   | NO  | 1998.80 | 1998.80 |
| 23 | Supplying all materials. labour T&P and fixing mirror of superior glass mounted on 6mm thick plywood sheet and fixed to wooden plugs with C.P screws and washers complete as per P.H specification and direction of E.I.C.-- 600mm x 450mm B.E. Mirror (fixed type)   | 1.00   | NO  | 699.90  | 699.90  |

cc done sl. No (24)

(5)

|    |   |       |     |               |          |
|----|---|-------|-----|---------------|----------|
| 23 | Supplying all materials, labour T&P and fixing standard size C.P. towel rail / ring complete with c.p. brass brackets fixed to wooden plugs with c.p screws as per P.H specification and direction of E.I.C<br>- 25 mm x 600 mm long C.P Towel rail<br>C.P. Towel Ring (St)   | 1.00  | NO  | 427.20        | 427.20   |
| 24 | Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, refilling the same in layer of 0.3 mtrs with watering and ramming, removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. 110 mm dia U-PVC Pipe Sewerage line with all round encasing ( IS-4985/2000- 4 Kg/Cm2)   | 2.00  | Rmt | 1077.80       | 2155.60  |
| 25 | 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-40/80) 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 E.I.C - 15 mm dia PVC (ASTM) Pipe [Internal]  | 5.00  | Rmt | 95.50         | 477.50   |
| 26 | 25mm dia HDPE Pipe [External Including E/W]   | 30.00 | Rmt | 89.57         | 2687.10  |
| 27 | Supplying all materials, labour, T&P and cutting holes through brick/stone masonry works including making good the damages in c.m (1:4) for taking PVC pipes & fittings etc all complete as per PH specification and direction of E.I.C   | 4.00  | NO  | 47.80         | 191.20   |
| 28 | Supplying all materials, labour, T&P and cutting grooves in pucca floors and walls for taking G.I./P.V.C. pipes and making good the damages as per direction of the E.I.C.  | 5.00  | Rmt | 162.40        | 812.00   |
| 29 | Supplying all materials, labour, T&P and fitting & fixing brass /C.P. fittings of the following nominal bore with supply of all jointing materials etc complete as per P.H. specification and direction of E.I.C - 15 mm dia C .P S.B. Bib Cock [Jaquar]  |       |     |               | 1100.00  |
|    | 15 mm dia C.P.L.B. Bib Cock [Jaquar]  |       |     | 2 Nos 700.00  |          |
|    | 15 mm dia C.P Angle Stop Cock [Jaquar]  |       |     | 2 Nos 927.00  | 1854.00  |
|    | 15 mm dia C.P Pillar Cock with long neck [Jaquar]   |       |     | 3 Nos 709.00  | 2127.00  |
|    | 15mm dia C.P. Two Way Bib cock [Jaquar]   |       |     | 1 Nos 924.00  | 924.00   |
|    | 15mm dia C.P. Health Faucet [Jaquar]  |       |     | 1 No 927.00   | 927.00   |
|    | 15 mm dia C .P Extension Piece  |       |     | 1 No 1 153.00 | 1153.00  |
|    | 25 mm dia PVC F.W.V[Good Quality]   |       |     | 7 Nos 58.70   | 410.90   |
|    |   |       |     | 1 Nos 324.40  | 324.40   |
| 30 | Supply of all labours, T&P for fixing & fixing of CP soap holder completed fixed to wooden plugs with screw etc all complete as per PHE Sepcification   | 3.00  | NO  | 268.90        | 790.70   |
| 31 | Supplying all materials, labour T&P and fixing Ceramic Tiles in floors on 25mm thick bed of cement mortar (1:1) joined with neat cement slurry mixed with pigments to match the shades of the tiles including rubbing and polishing complete as per specificat--  | 7.45  | Sqm | 981.50        | 7361.25  |
| 32 | Supplying all materials, labour T&P and fixing porcelain glazed tiles in dados skirting on 12mm thick C.P. (1:3) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including rubbing and polishing complete as per direction of Engineer-in-Charge.-   | 15.74 | Sqm | 1044.90       | 16346.62 |
| 33 | Supplying all labour, materials, T&P, fitting and fixing of plastic door shutters to be made of selective PVC Profiles. The styles & rails are made of section measuring 24mm x 59mm. A lock rail is provided horizontally at the required place for strength and firmness measuring 24mm x 100mm. The panel are provided a size measuring 200mm x 20mm. All the four corners are provided with MS/Fibre 'L' angles of size 200mm x 100mm and fitted with steel screw. The door to be hanged to the frame with the help of 100mm S.S hinges and self tapping screw three nos. steel handle two nos and 150mm long steel tower bolt two nos all complete as per specification and direction of E.i.C.(Joint less Single Piece) | 2.72  | NO  | 2283.10       | 6211.12  |

Done Date (00)

6

|    |   |          |       |         |         |
|----|---|----------|-------|---------|---------|
| 34 | Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 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 specification, testing, e.w. in excavation in all kinds of soil and refilling of trenches as per direction of E.I.C.-- <b>110 mm dia U-PVC Pipes (4 Kg/Cm2)</b>   |          |       |         |         |
|    | 110 mm dia U-PVC P' Trap  | 5.30 Mtr |       | 217.70  |         |
|    | 110 mm dia U-PVC Door cross Tee   | 5 Nos    |       | 299.70  | 1191.00 |
|    | 110 mm dia U-PVC Door Bend  | 1 No     |       | 350.30  | 350.30  |
|    | 110 mm dia U-PVC Plain Bend   | 3 Nos    |       | 204.70  | 614.10  |
|    | 110 mm dia U-PVC Cowl   | 1 Nos    |       | 147.00  | 147.00  |
|    | 110 mm dia U-PVC Offset   | 1 Nos    |       | 77.30   | 77.30   |
|    | 125 mm dia C.P. grating   | 1 Nos    |       | 180.50  | 180.50  |
|    | 75 mm dia U-PVC Pipes (4 Kg/Cm2)  | 3 Nos    |       | 69.60   | 208.80  |
|    | 75 mm dia U-PVC Plain bend  | 1.00 Mtr |       | 128.60  | 128.60  |
|    | 75 mm dia U-PVC Door Bend   | 1 Nos    |       | 93.00   | 93.00   |
|    |   | 1 No     |       | 122.90  | 122.90  |
| 35 | Supplying all materials, labour T&P and cutting holes through brick/stone masonry walls for taking PVC pipes and fittings including making good the damages etc. all complete as per P.H. specification and direction of E.I.C. -- <b>250 mm thick wall</b>   |          |       |         |         |
|    | 375 mm thick wall   | 1 Nos    |       | 174.80  | 174.80  |
|    |   | 4 Nos    |       | 222.40  | 222.40  |
|    | (E.I.)  |          |       |         |         |
| 36 | Recessed wiring to light point with 1.5sqmm FR PVC insulated single core multistrand copper conductor of ISI marked with 20mm dia non-metallic PVC flexible conduit with 5Amp, 250V piano type switch 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 FR PVC insulated single core multistrand copper conductor and earth wire including all accessories and connection as per direction of engineer in charge ( Make of wire = Finollex/L & T/Anchor/Havels/ V-Guard) (deducting the cost of S/F of 100mmx100mmx60mm M S Box with bakelite cover - 1 no) |          |       |         |         |
|    | -do- Light point <b>Group A</b> ( 1 1 1-1 24 2)   | 9        | Point | 290.87  | 2617.83 |
|    | -do- Light point <b>Group B</b> ( 1 1 1-1 24 2)   | 1        | Point | 502.76  | 502.76  |
|    | -do- Fan point <b>Group B</b> ( 1 1 2-1 24 2)   | 2        | Point | 502.76  | 1005.52 |
|    | -do- Ex-Fan point <b>Group B</b> ( 1 1 3-1 24 2)  | 2        | Point | 767.38  | 1534.76 |
| 37 | 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  |          |       |         |         |
|    | -do- 200mmx150mmx60mm deep ( 1 24 7)  | 4        | Each  | 165.29  | 661.16  |
| 38 | S/F of 5 amp swith and 5A socket out let of ISI marked on existing board ( 1 25 1 & 1 25 4)   | 2        | Each  | 83.14   | 166.28  |
| 39 | S/F of metal box of 180mm x 100mmx 60mm deep ( Nominal size) in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 5pin 15/16 amp. socket out let & 15/16 amp. piano type switch, connection, painting etc as required ( 1 27 )  | 1        | Each  | 263.88  | 263.88  |
| 40 | Wiring for circuit / sub main wiring alongwith earth wire with following sizes of PVC insulated single core multistrand copper conductor with ISI marked conforming to IS- 694/1990 in 20mm dia non metallic heavy duty flexible conduit 1.5mm in recessed PVC conduit as required ( Make of wire- Finollex/L & T/Anchor/Havels/V-guard)  |          |       |         |         |
|    | -do- 2x2.5sqmm +1x1.5sqmm ( 1 8 2 )   | 30       | Mtr.  | 134.06  | 4021.8  |
|    | -do- 2x1sqmm +1x1.5sqmm ( 1 8 3 )   | 10       | Mtr.  | 151.44  | 1514.4  |
| 41 | Supply Installation testing and commissioning of 63 Amp IC DP Main Switches (IS13940 part 3/1993) with supply of metal box of following capacity on existing surface/Wall mounting & complete with H.R.C fuse links inter connections earthing etc as required as per direction of Engineer incharge(Make-Anchor ) ( 2 15 1)  | 1        | Each  | 2060.55 | 2060.55 |
| 42 | 250mmx300mmx100mm deep ( 1 24 13) for fixing 63Amp IC DP Main switch  | 1        | Each  | 274.07  | 274.07  |

2020/11/20 (24)

|    |  |   |      |         |                  |
|----|--|---|------|---------|------------------|
| 43 | S/F of 'B' series SP MCB of 5A to 32 Amp rating 240Volt "B" series MCB 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)  | 3 | Each | 127.50  |                  |
| 44 | S/F of following 4way single pole and neutral sheet steel MCB DISTRIBUTION BOARD 250v on surface /recess complete with tinned copper bus bar neutral bar earth bar din bar detachable gland plate interconnections phosphatized and powder painted including earthing etc as required (except MCB) 2 3 1 | 1 | Each | 848.90  | 382.5            |
| 45 | S/F of batten holder BK angle holder ISI marked including connection etc instead of ceiling rose (1 29-1 28)   | 5 | Each | 14.68   | 848.9            |
| 46 | Supply and laying 6 SWG GI wire in recess for loop earthing as required (3 18)   | 7 | Mtr. | 47.68   | 73.4             |
| 47 | Supply & Fixing of 48" A.C ceiling fan without regulator including numbering of reputed mark including all connections (Make Usha-Striker One/Neo/Crompton-Riviera highspeed/Havells Samrat/ Anchor-Penta Turbo/ Orient-Summer king/ Breeze)   | 2 | Each | 2103.00 | 333.76           |
| 48 | S/F of electric step ceiling fan regulator in existing switch box including connection with 1.5sqmm FR PVC insulated single core multistrand copper conductor earthing the regulator as required (1 38)  | 2 | Each | 284.17  | 4206             |
| 49 | S/F of Fan hook S type made of 16mm MS rod as per specification  | 2 | Each | 204.00  | 568.34           |
| 50 | S/F of 18-25 watt LED Tube light fitting complete with all connection including fixing and all accessories as per direction of Engineer-In-charge (Make: Havells /Philips /Crompton/Polycab/PAC/HPL)   | 4 | Each | 657.00  | 408              |
| 51 | S/F of 9W LED bulb (Make: Havells /Philips /Crompton/Polycab/PAC/HPL)  | 5 | Each | 167.58  | 2628             |
|    |  |   |      |         | 837.9            |
|    |  |   |      |         | <b>619678.46</b> |

My / our Quoted rate is (in figure) ..... % (in words) .....Percent  
 Excess over / Less than / equal to / the above estimated cost.

**Signature of Contractor**

Sold vide Money Receipt No. \_\_\_\_\_ Date \_\_\_\_\_ towards cost of \_\_\_\_\_ (Rupees) \_\_\_\_\_ only)

*[Signature]*  
**Chief District Medical & Public Health Officer**  
**Balasore**

**FOR OFFICIAL USE ONLY**

|                                   |   |  |
|-----------------------------------|---|--|
| No. of Corrections                | : |  |
| No. of Overwriting                | : |  |
| No. of Interpolation              | : |  |
| E. M. D.                          | : |  |
| PAN                               | : |  |
| VAT                               | : |  |
| Affidavit                         | : |  |
| Reg. certificate                  | : |  |
| Difference in words & Figures.    | : |  |
| Price preference applied / or not | : |  |

*Copy Sl No (29)*

*(5)*

**TENDER SCHEDULE**

Name of the work

Proposed Sub-Centre HWC building at  
Sardarbandha under Jaleswar Block in the  
District of Balasore for the year 2020-21"

Estimated cost

₹ 6.20 Lakh

E.M.D. to be deposited

1 % Estimated Cost.

Cost of tender paper

₹ 4000/-

Date of sale of tender

Date of receipt of tender

Date of opening of tender

Time of completion

Class of contractor

'C' &amp; 'D' class

| Sl. No. | DESCRIPTION OF ITEMS   | Quantity | Unit | Rate in Figure | Amount |
|---------|--|----------|------|----------------|--------|
| 1       | Earth work in excavation of foundation in hard soil with all leads and lifts and to required depth including dressing and levelling the bed and depositing the excavated materials away from work site etc. complete as per direction of the Engineer-in-charge.   | 2.04     | Sqm  | 184.63         |        |
| 2       | <b>Filling foundation and plinth with sand</b> well watered and rammed including cost, conveyance of materials, labour T&P, royalty etc. complete as per direction of the Engineer-in-charge.  | 0.25     | Cum  | 438.95         |        |
| 3       | Providing P.C.C. (1:3:6) with 4cm size h.g. metal of approved quality in foundation / floor including hoisting laying concrete, cost & conveyance of materials, labour, T&P, royalty, taxes, curing etc. complete as per direction of the Engineer-in-charge.      | 0.25     | Cum  | 4972.58        |        |
| 5       | <b>R.C.C.M-20 using 20mm &amp; down graded size hard granite</b> chips of approved quality from approved quarry including hoisting laying concrete to required thickness with cost, conveyance of materials labour including royalty, watering curing etc complete |          |      |                |        |
| 5a      | <b>Column Base</b>   | 0.69     | Cum  | 5179.00        |        |
| 5b      | <b>Column (GF)</b>   | 0.63     | Cum  | 10911.02       |        |
| 5c      | <b>Column &amp; Beam (FF)</b>  | 2.26     | Cum  | 11900.86       |        |
| 5e      | <b>Lintel</b>  | 1.60     | Cum  | 9289.88        |        |
| 5f      | <b>Roof slab</b>   | 5.11     | Cum  | 10011.18       |        |
| 5g      | <b>Chajja</b>  | 0.36     | Cum  | 12956.68       |        |
| 5h      | <b>Staircase</b>   | 1.79     | Cum  | 10412.15       |        |
| 6       | Cutting bending, binding of HYSD bars in proper position including cost of binding wire of 18 to 20 gauge, labour, T & P etc complete as per direction of the Engineer-in-charge.  | 13.26    | Qntl | 6045.73        |        |
| 7       | Brick work with <b>KB bricks</b> having c.strength between 75 to 99 kg/cm <sup>2</sup> in cm (1:6) including cost of all materials royalty, watering, and labour etc. complete as per direction of the Engineer-in-charge.   |          |      |                |        |
|         | b) Super Structure(1st Floor)  | 18.96    | Cum  | 4614.74        |        |
|         | d) Super Structure(G. Floor)   | 2.06     | Cum  | 4272.16        |        |
| 8       | 16mm thick C.P. in C.M.(1:6) over brick work finished smooth after racking out joints with cost, conveyance of materials labour, T&P required for the work including royalty etc. complete as per direction of the Engineer-in-charge.                             | 115.61   | Sqm  | 198.06         |        |
| 9       | 12mm thick C.P. in C.M.(1:6) over brick work finished smooth after racking out joints with cost, conveyance of materials labour, T&P required for the work including royalty etc. complete as per direction of the Engineer-in-charge.                             | 115.48   | Sqm  | 138.73         |        |

|    |  |        |     |         |  |
|----|--|--------|-----|---------|--|
| 10 | Providing, <b>fitting and fixing of M.S. door &amp; window shutter</b> with frame including cost of all materials, labour, T&P etc. complete as per direction of the Engineer-in-charge.   | 590.09 | Kg  | 125.60  |  |
| 11 | 6mm thick cement plaster(1:4) to RCC surface finished smooth including closed deep chipping and slurry treatment watering ,curing,cost of all materials & labour tec complete.   | 66.29  | Sqm | 155.52  |  |
| 12 | <b>Distempering two coats</b> with approved shed over new all surface including cost of distemper etc.complete as per <del>direction of the Engineer-in-charge.</del>  | 152.22 | Sqm | 111.54  |  |
| 13 | Painting two coats over new iron work including cost, conveyance of materials labour. T&P etc complete as per direction of the Engineer-in-charge  | 75.12  | Sqm | 187.38  |  |
| 14 | Providing & fixing vitrified floor tiles of premium grade having thickness 8mm to 10mm (600mmx600mm) size coloured / printed series (Homogeneous) confirming to IS 13756 in floors over 25 mm thick bed of cement mortar (1:1) jointed with neat cement slurry mixed with pigment to match the shade of tiles etc.complete as per direction of the Engineer-in-charge.   | 33.44  | Sqm | 1152.04 |  |
| 15 | Providing two coats of weather coat paint including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete as per direction of the Engineer-in-charge.  | 355.38 | Sqm | 92.27   |  |
| 16 | S&F 4mm plain glass with cost of nail ,screws etc. complete to shape as per direction of Engineer in charge.   | 1.49   | Sqm | 515.85  |  |
| 17 | Supplying all materials, labour T&P and fixing water closet. (Orissa pattern squatting pan) duly embedded in c.c. (1:5:10) using 4cm h.g. metal all complete as per direction of E.I.C.-- (583x440)mm Orissa pan (Neycer/Cerra/ Parry ware/ Hindware)  |        |     |         |  |
|    | a) (583x440)mm Orissa pan (Neycer/Cerra/ Parry ware/ Hindware)   | 1.00   | NO  | 2,611.6 |  |
| 18 | Supplying all materials, labour T&P and fixing Wash Down Water Closet(European type W.C. pan) with Integral 'S' or 'P' trap to the floor with wooden plug and C.P.screws including jointing the trap with soil pipe in C.M.(1:1) etc. all complete as per specification & direction of E.I.C   |        |     |         |  |
| 19 | a) E W C with 'S' trap plain(Neycer/Cerra/ Parryware/ Hindware)  | 1.00   | NO  | 2,176.7 |  |
|    | Supplying all materials, labour T&P fitting and fixing Plastic Seat and cover for E W C with chromium plated brass hinges and rubber buffers all complete as per specification and direction of E.I.C. (Neycer/ Cerra/Parry ware/ Hindware)  | 1.00   | NO  | 611.6   |  |
| 20 | Supplying all materials, labour T&P and fitting & 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 (Neycer/Cerra/ Parry ware/ Hindware) | 2.00   | NO  | 1568.80 |  |
| 21 | Supplying all materials, labour T&P and fixing <b>wash basins</b> with hole for pillar taps with C/I/M S brackets painted white including holes in walls and making good the damages etc. all complete as per P.H specification and direction of E.I.C -- 550mm x 400mm WHB with all Fittings with C.P. Waste, PVC Waste Pipe & Connection Pipe. (Neycer/Cerra/ Parry ware/ Hindware)  | 1.00   | NO  | 1998.80 |  |
| 22 | Supplying all materials, labour T&P and fixing mirror of superior glass mounted on 6mm thick plywood sheet and fixed to wooden plugs with C.P screws and washers complete as per P.H specification and direction of E.I.C.-- 600mm x 450mm B.E. Mirror (fixed type)  | 1.00   | NO  | 699.90  |  |

|    |   |       |       |          |    |
|----|---|-------|-------|----------|----|
|    | Supplying all materials, labour T&P and fixing standard size C.P. towel rail / ring complete with c.p. brass brackets fixed to wooden plugs with c.p screws as per P.H specification and direction of E.I.C. -- 25 mm x 600 mm long C.P Towel rail  |       |       |          |    |
|    | C.P Towel Ring (St)   | 1.00  | NO    | 427.20   | 4  |
| 13 | Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, refilling the same in layer of 0.3 mtrs with watering and ramming, removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. 110 mm dia U-PVC Pipe Sewerage line with all round encasing ( IS-4985/2000- 4 Kg/Cm2)   | 2.00  | Rmt   | 1077.80  | 2  |
| 14 | 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-40/80) 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 E.I.C - 15 mm dia PVC (ASTM) Pipe [Internal]  | 5.00  | Rmt   | 95.50    | 4  |
|    | 25mm dia HDPE Pipe [External Including E/W]   | 30.00 | Rmt   | 89.57    | 2  |
|    | Supplying all materials, labour, T&P and cutting holes through brick/stone masonry works including making good the damages in c.m (1:4) for taking P.V.C pipes & fittings etc. all complete as per P.H. specification and direction of E.I.C.   | 4.00  | NO    | 47.80    | 1  |
|    | Supplying all materials, labour, T&P and cutting grooves in pucca floors and walls for taking G.I./P.V.C. pipes and making good the damages as per direction of the E.I.C.  | 5.00  | Rmt   | 162.40   | 8  |
|    | Supplying all materials, labour, T&P and fitting & fixing brass /C.P. fittings of the following nominal bore with supply of all jointing materials etc. complete as per P.H. specification and direction of E.I.C -- 15 mm dia C .P S.B. Bib Cock [Jaquar]  |       |       |          |    |
|    | 15 mm dia C .P L.B. Bib Cock [Jaquar]   |       | 2 Nos | 700.00   |    |
|    | 15 mm dia C .P Angle Stop Cock [Jaquar]   |       | 2 Nos | 927.00   | 18 |
|    | 15 mm dia C .P Pillar Cock with long neck [Jaquar]  |       | 3 Nos | 709.00   | 2  |
|    | 15 mm dia C.P. Two Way Bib cock [Jaquar]  |       | 1 Nos | 924.00   | 4  |
|    | 15mm dia C.P. Health Faucet [Jaquar]  |       | 1 No  | 927.00   | 3  |
|    | 15 mm dia C .P Extension Piece  |       | 1 No  | 1,153.00 | 1  |
|    | 25 mm dia PVC F.W V[Good Quality]   |       | 7 Nos | 58.70    | 4  |
|    |   |       | 1 Nos | 324.40   | 3  |
| 22 | Supply of all labours, T&P for fixing & fixing of CP soap holder completed fixed to wooden plugs with screw etc all complete as per PHE Sepcification   | 3.00  | NO    | 268.90   | 8  |
|    | Supplying all materials, labour T&P and fixing Ceramic Tiles in floors on 25mm thick bed of cement mortar (1:1) joined with neat cement slurry mixed with pigments to match the shades of the tiles including rubbing and polishing complete as per specificat-   | 7.45  | Sqm   | 981.50   |    |
| 24 | Supplying all materials, labour T&P and fixing porcelain glazed tiles in dados skirting, on 12mm thick C.P. (1:3) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including rubbing and polishing complete as per direction of Engineer-in-Charge -  | 15.74 | Sqm   | 1044.90  | 16 |
| 25 | Supplying all labour, materials, T&P, fitting and fixing of plastic door shutters to be made of selective PVC Profiles. The styles & rails are made of section measuring 24mm x 59mm. A lock rail is provided horizontally at the required place for strength and firmness measuring 24mm x 100mm. The panel are provided a size measuring 200mm x 20mm. All the four corners are provided with MS/Fibre 'L' angles of size 200mm x 100mm and fitted with steel screw. The door to be hanged to the frame with the help of 100mm S.S hinges and self tapping screw three nos. steel handle two nos. and 150mm long steel tower bolt two nos. all complete as per specification and direction of E.I.C (Joint less Single Piece) | 2.72  | NO    | 2283.10  | 1  |

Don't do (25)

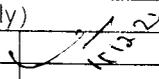
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|    |   |      |       |         |         |
|----|---|------|-------|---------|---------|
|    | Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to 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 specification, testing, e.w. in excavation in all kinds of soil and refilling of trenches as per direction of E.I.C.-- <b>110 mm dia U-PVC Pipes (4 Kgf/Cm2)</b>  | 5.30 | Mtr   | 217.70  |         |
|    | 110 mm dia U-PVC P' Trap  | 5    | Nos   | 299.70  |         |
|    | 110 mm dia U-PVC Door cross Tee   | 1    | No    | 350.30  | 3       |
|    | 110 mm dia U-PVC Door Bend  | 3    | Nos   | 204.70  | 6       |
|    | 110 mm dia U-PVC Plain Bend   | 1    | Nos   | 147.00  | 1       |
|    | 110 mm dia U-PVC Cowl   | 1    | Nos   | 77.30   | 1       |
|    | 110 mm dia U-PVC Offset   | 1    | Nos   | 180.50  | 1       |
|    | 125 mm dia C.P. grating   | 3    | Nos   | 69.60   | 2       |
|    | 75 mm dia U-PVC Pipes (4 Kgf/Cm2)   | 1.00 | Mtr   | 128.60  |         |
|    | 75 mm dia U-PVC Plain bend  | 1    | Nos   | 93.00   |         |
|    | 75 mm dia U-PVC Door Bend   | 1    | No    | 122.90  | 1       |
|    | Supplying all materials, labour T&P and cutting holes through brick/stone masonry walls for taking PVC pipes and fittings including making good the damages etc. all complete as per P.H. specification and direction of E.I.C. -- <b>250 mm thick wall</b>   | 1    | Nos   | 174.80  |         |
|    | 375 mm thick wall   | 4    |       | 222.40  | 3       |
|    |   |      |       |         |         |
| 26 | Recessed wiring to light point with 1.5sqmm FR PVC insulated single core multistrand copper conductor of ISI marked with 20mm dia non-metallic PVC flexible conduit with 5Amp 250V piano type switch 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 FR PVC insulated single core multistrand copper conductor and earth wire including all accessories and 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 100mmx100mmx60mm MS Box with bakelite cover - 1 no) |      |       |         |         |
|    | -do- Light point <b>Group A</b> (1.1.1-1.24.2)  | 9    | Point | 290.87  | 2617.83 |
|    | -do- Light point <b>Group B</b> (1.1.1-1.24.2)  | 1    | Point | 502.76  | 502.76  |
|    | -do- Fan point <b>Group B</b> (1.1.2-1.24.2)  | 2    | Point | 502.76  | 1005.52 |
|    | -do- Ex-Fan point <b>Group B</b> (1.1.3-1.24.2)   | 2    | Point | 767.38  | 1534.76 |
| 27 | 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.   |      |       |         |         |
| 28 | -do 200mmx150mmx60mm deep (1.24.7)  | 4    | Each  | 165.29  | 661.16  |
| 29 | S/F of 5 amp switch and 5A socket out let of ISI marked on existing board (1.25 & 1.25.4)   | 2    | Each  | 83.14   | 166.28  |
| 30 | S/F of metal box of 180mm x 100mmx 60mm deep (Nominal size) in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 5pin 15/16 amp. socket out let & 15/16 amp piano type switch connection painting etc as required (1.27)  | 1    | Each  | 263.88  | 263.88  |
|    | Wiring for circuit / sub main wiring alongwith earth wire with following sizes of PVC insulated single core multistrand copper conductor with ISI marked conforming to IS- 694/1990 in 20mm dia non metallic heavy duty flexible conduit 16mm in recessed PVC conduit as required ( Make of wire- Finolex/L & T Anchor/Havels/V-guard)  |      |       |         |         |
|    | -do 2x2.5sqmm +1x1.5sqmm (1.8.2)  | 30   | Mtr.  | 134.06  | 4021.8  |
|    | -do 2x4sqmm +1x1.5sqmm (1.8.3)  | 10   | Mtr.  | 151.44  | 1514.4  |
| 31 | Supply Installation testing and commissioning of 63 Amp IC DP Main Switches (IS13940 part 3/1993) with supply of metal box of following capacity on existing surface/Wall mounting & complete with H.R.C fuse links, inter connections earthing etc as required as per direction of Engineer in charge (Make-Anchor) (2.15.1)   | 1    | Each  | 2060.55 | 2060.55 |
|    | 250mmx300mmx100mm deep (1.24.13) for fixing 63Amp IC DP Main switch   | 1    | Each  | 274.07  | 274.07  |

Work sheet No 29

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|    |  |   |      |         |                  |
|----|--|---|------|---------|------------------|
| 32 | S F of 'B' series SP MCB of 5A to 32 Amp rating 240Volt "B" series MCB 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)   | 3 | Each | 127.50  | 382.5            |
| 33 | S F of following 4way single pole and neutral sheet steel MCB DISTRIBUTION BOARD 250v on surface /recess complete with tinned copper bus bar neutral bar earth bar din bar detachable gland plate interconnections phosphatized and powder painted including earthing etc as required (except MCB) 2 3.1 | 1 | Each | 848.90  | 848.9            |
| 34 | S F of batten holder BK angle holder ISI marked including connection etc instead of ceiling rose (1 29-1 28)   | 5 | Each | 14.68   | 73.4             |
| 35 | Supply and laying 6 SWG G I wire in recess for loop earthing as required 3 18:   | 7 | Mtr. | 47.68   | 333.76           |
| 36 | Supply & Fixing of 48" A.C. ceiling fan without regulator includig numbering of reputed mark including all connections (Make Usha-Striker One/Neof Crompton-Riviera highspeed/Havells-Samrat/ Anchor-Penta Turbo/ Orient-Summer king/ Breeze )   | 2 | Each | 2103.00 | 4206             |
| 37 | S F of electric step ceiling fan regulator in existing switch box including connection with 1.5sqmm FR PVC insulated single core multistrand copper conductor earthing the regulator as required (1 38)  | 2 | Each | 284.17  | 568.34           |
| 38 | S F of Fan nok S type made of 16mm MS rod as per specificationn  | 2 | Each | 204.00  | 408              |
| 39 | S F of 18-25 watt LED Tube light fitting compoete with all connection \ including fixing and all accessories as per direction of Engineer-In-charge (Make Havels /Phillips /Crompton/Polycab/PAC/HPL)  | 4 | Each | 657.00  | 2628             |
| 40 | S F of 5W LED bulb (Make Havels /Phillips /Crompton/Polycab/PAC/HPL)   | 5 | Each | 167.58  | 837.9            |
|    |  |   |      |         | <b>619771.61</b> |

|   |  |   |  |  |
|---|--|---|--|--|
| My / our Quoted rate is (in figure) ..... % (in words) .....Percent   |  |   |  |  |
| Excess over / Less than / equal to / the above estimated cost.  |  |   |  |  |
|   |  |   |  |  |
|   |  |   |  |  |
| <b>Signature of Contractor</b>  |  |   |  |  |
|   |  |   |  |  |
| Sold vide Money Receipt No. _____ Date _____ towards cost of  |  |   |  |  |
| Tender paper on payment of Rs. _____ ( Rupees _____ only)   |  |   |  |  |
| <br><b>Chief District Medical &amp; Public Health Officer</b><br><b>Balalore</b> |  |   |  |  |
| <b>FOR OFFICIAL USE ONLY</b>  |  |   |  |  |
| No. of Corrections  |  | : |  |  |
| No. of Overwriting  |  | : |  |  |
| No. of Interpolation  |  | : |  |  |
| E. M. D.  |  | : |  |  |
| PAN   |  | : |  |  |
| VAT   |  | : |  |  |
| Affidavit   |  | : |  |  |
| Reg. certificate  |  | : |  |  |
| Difference in words & Figures.  |  | : |  |  |
| Price preference applied / or not   |  | : |  |  |

*Done at 25/11/20*

*(5)*

## TENDER SCHEDULE

(BILL OF QUANTITY)

|                           |  |
|---------------------------|--|
| Name of work-             | Construction of HWC Sc at: Temulia under Nilgiri Block |
| Estimated Cost-           | Rs- 6.25 lakh  |
| E.M. to be Deposited-     | 1% of the Estimated cost                               |
| Cost Of Tender paper      | Rs- 4000.00  |
| Date of sale of Tender    |  |
| Date of Receipt of Tender |  |
| Date of opening of Tender |  |
| Time of completion        |  |
| Class of Contractor       | "D" & "C" Class  |

| Sl. No. | DESCRIPTION OF ITEMS   | No. or Qty | UNIT  | Estimated Rate | AMOUNT in Rupees |
|---------|--|------------|-------|----------------|------------------|
|         |  |            |       | Figure         |                  |
| 1       | Earth work in excavation of foundation in hard soil with all leads and lifts including dressing and levelling the bed and depositing the excavated earth at place away from work site with all leads and lifts including cost of all labour T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge  | 0.18       | 1 Cum | 178.60         | 32.37            |
| 2       | Supplying filling in foundation and plinth with fine coarse sand of approved quality in layer not exceeding 23.5 cm (5') free from organic and vegetation materials, well watered and rammed including all cost conveyance, royalty taxes and all labour T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge(Measurement will be taken on finished compacted section only)   | 0.07       | 1 Cum | 595.90         | 44.27            |
| 3       | Cement concrete of proportion (1:4:8) in foundation and plinth using 4cm size clean hard hand broken granite metal of approved quality from approved quarry including hoisting lowering & laying concrete in layers not exceeding 9"tick to the required level including cost conveyance and royalty of all materials with all taxes and compacting watering curing and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge  | 0.05       | 1 Cum | 4217.60        | 206.79           |
| 4       | R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing, hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge. |            |       |                |                  |
|         | b) For plinth beam   | 0.05       | 1 Cum | 4871.00        | 238.82           |
|         | sill bend  | 0.66       | 1 Cum | 4871.00        | 3214.86          |
|         | c) For Column & Beam in superstructure   | 3.90       | 1 Cum | 10646.50       | 41521.35         |

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|----|---|--------|--------|----------|----------|
|    | d) For Lintel   | 1.21   | 1 Cum  | 8544.10  | 10338.36 |
|    | e) For Chhaja   | 4.55   | 1 Sqm  | 788.20   | 3586.31  |
|    | staircase   | 1.95   | 1 Cum  | 10155.30 | 19802.84 |
|    | f) For Roof slab  | 5.13   | 1 Cum  | 9127.80  | 46825.61 |
| 5  | 250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge. <b>In Superstructure)</b>  | 16.11  | 1 Cum  | 4356.40  | 70181.60 |
| 7  | Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge. | 11.98  | 1 Qtl. | 6160.90  | 73807.58 |
| 8  | 12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.  | 219.99 | 1 Sqm  | 140.10   | 30820.60 |
| 9  | 16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.  | 112.70 | 1sqm   | 199.70   | 22506.19 |
| 10 | Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge.  | 64.62  | 1 Cum  | 155.10   | 10022.56 |
| 11 | Fixing vetrified tiles of coloured/printed series(homogenous) in floors, treads or steps and landing on 25mm thick bed of cement mortar (1:1) (1cement:1sand) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tiles per 1sqm.   | 70.23  | 1 Sqm  | 968.30   | 68006.03 |
| 12 | Providing and fixing Glazed tile in dado,skirting riser of steps on 12 mm thick cement plaster 1:3 jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complet including cost of precast tiles, all materials,labour,t&p,all taxes of materials etc complete as per instruction of Architect and Engineer in charge   | 7.75   | 1 Sqm  | 705.00   | 5463.75  |
| 13 | Providing fixing glazed floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T &P etc complete as per direction of the Engineer-in-charge  | 7.21   | 1 Sqm  | 723.60   | 5217.16  |
| 14 | Providing for fitting & fixing <b>M.S. grill</b> as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.  | 233.75 | kg     | 59.74    | 13964.23 |
| 15 | Providing for fitting & fixing <b>M.S. door</b> as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.   | 411.00 | kg     | 131.07   | 53868.82 |
| 16 | Priming one coat with approved Water Bound wall cement on plastered Surface including cost of all materials etc complete as per specification and direction of the Engineer-in-charge.  | 397.31 | 1 Sqm  | 58.10    | 23083.71 |

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|           |  |        |       |          |          |
|-----------|--|--------|-------|----------|----------|
| 17        | Distempering two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. ...etc. complete in all respect as per the specification & direction of the Engineer in charge.  | 177.32 | 1 Sqm | 64.50    | 11437.03 |
| 18        | Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, and all labour I&P required for the work etc. complete as per direction of the Engineer in-charge.   | 224.54 | 1 Sqm | 73.30    | 16459.14 |
| 19        | Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface labour, T&P etc. complete to shape as per direction of the Engineer-in-charge.  | 28.01  | 1 Sqm | 191.20   | 5355.39  |
| <b>PH</b> |  |        |       |          |          |
| 20        | Factory made FRP(alternately called GRP) door frame of size 75mmx100mm fabricated using E-glass Chopped Strand Mat (CSM) U.V stabilised Inophthalic Gelcoat and impregnated with Inophthalic resin. complete in all respect as per specification and direction of the E.I.C<br>3 x (2.10+2.10+0.75)=   | 14.25  | mtr   | 351.69   | 5011.58  |
| 21        | 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 Isopthalic Gel coat and one layer of 450 gsm E-glass Chopped Strand Mat (CSM) impregnated with orthophthalic polyester resin.<br>3 x 2.05 x 0.0.70=                      | 4.30   | sqm   | 2,250.00 | 9675.00  |
| 22        | Supplying all materials, labour T&P and fixing water closet, (Orissa pattern squatting pan) duly embedded in c.c. (1:5:10) using 4cm h.g. metal all complete as per direction of E.I.C.<br>(583x440)mm Orissa pan (Neycer/Cerra/ Parry ware/ Hindware)   | 1.00   | Nos   | 2,717.80 | 2717.80  |
| 23        | Supplying all materials, labour T&P and fixing Wash Down Water Closet(European type W.C. pan) with Integral 'S' or 'P' trap to the floor with wooden plug and C.P.screws including jointing the trap with soil pipe in C.M.(1:1) etc. all complete as per specification & direction of E.I.C<br>E.W.C. with 'S' trap plain(Neycer/Cerra/ Parrywear/ Hindware)        | 1.00   | Nos   | 2,283.00 | 2283.00  |
| 24        | Supplying all materials, labour, T&P fitting and fixing Plastic Seat and cover for E.W.C. with chromium plated brass hinges and rubber buffers all complete as perr specification and direction of E.I.C (Neycer/Cerra/ Parrywear/ Hindware)   | 1.00   | Nos   | 611.60   | 611.60   |
| 25        | Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber e.w. in excavation in all kinds of soil and refilling of trenches as per direction of E.I.C |        |       |          |          |
|           | 110 mm dia U-PVC Pipes (4 Kgf/Cm2)   | 15.00  | mtr   | 203.30   | 3049.50  |
|           | 110 mm dia U-PVC P' Trap   | 4.00   | Nos   | 299.70   | 1198.80  |
|           | 110 mm dia U-PVC Door Tee  | 3.00   | Nos   | 296.70   | 890.10   |
|           | 110 mm dia U-PVC Door Cross Tee  | 2.00   | Nos   | 350.30   | 700.60   |
|           | 110 mm dia U-PVC Door Bend   | 4.00   | Nos   | 204.70   | 818.80   |
|           | 110 mm dia U-PVC Plain Bend  | 4.00   | Nos   | 147.00   | 588.00   |
|           | 110 mm dia U-PVC Plain Tee   | 1.00   | Nos   | 268.00   | 268.00   |
|           | 110 mm dia U-PVC Offset  | 4.00   | Nos   | 180.50   | 722.00   |
|           | 110 mm dia U-PVC Cowl  | 4.00   | Nos   | 77.30    | 309.20   |
|           | 125 mm dia C.P.grating   | 2.00   | Nos   | 67.50    | 135.00   |
|           | 75 mm dia U-PVC Pipes (4 Kgf/Cm2)  | 8.00   | mtr   | 120.30   | 962.40   |
|           | 75 mm dia U-PVC Door bend  | 4.00   | Nos   | 122.90   | 491.60   |
|           | 75 mm dia U-PVC Plain bend   | 3.00   | Nos   | 93.00    | 279.00   |

Done S/ No (28)

(4)

|    |   |       |     |          |         |
|----|---|-------|-----|----------|---------|
| 26 | Supplying all materials, labour T&P and fixing wash basins with hole for pillar taps with C.I./M.S brackets painted white including holes in walls and making good the damages etc. all complete as per P.H specification and direction of E.I.C.   |       |     |          |         |
|    | 550mm x 400mm WHB with all Fittings with C.P. Waste, PVC Waste Pipe & PVC connection Pipe (Neycer/Cerra/ Parry ware/ Hindware)  | 1.00  | Nos | 2,139.90 | 2139.90 |
| 27 | Supplying all materials, labour T&P and fixing mirror of superior glass mounted on 6mm thick plywood sheet and fixed to wooden plugs with C.P screws and washers complete as per P.H specification and direction of E.I.C.  |       |     |          |         |
|    | 600mm x 450mm B.E. Mirror (fixed type)  | 1.00  | Nos | 681.90   | 681.90  |
| 28 | Supplying all materials, labour T&P and fixing standard size C.P. towel rail / ring complete with c.p. brass brackets fixed to wooden plugs with c.p screws as per P.H specification and direction of E.I.C.  |       |     |          |         |
|    | C.P. Towel Ring   | 1.00  | Nos | 427.20   | 427.20  |
| 29 | Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C  |       |     |          |         |
|    | C.P. Soap Holder  | 3.00  | Nos | 262.40   | 787.20  |
| 30 | Supplying all , labour T&P and fitting, fixing of standard size Glass shelf with CP brass bracket and guard rails complete fixed to wooden plugs with CP screw as per specification and direction of E.I.C  |       |     |          |         |
|    | 450x125mm size Plate Acrylic Shelf  | 1.00  | Nos | 776.70   | 776.70  |
| 31 | Supplying all materials, labour T&P and cutting holes through brick/stone masonry walls for taking PVC pipes and fittings including making good the damages etc. all complete as per P.H. specification and direction of E.I.C  |       |     |          |         |
|    | 250 mm thick wall   | 5.00  | Nos | 170.30   | 851.50  |
| 32 | 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-40/80) 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 E.I.C   |       |     |          |         |
|    | 25 mm dia PVC [ASTM] Pipe [Internal]  | 10.00 | Mtr | 138.60   | 1386.00 |
|    | 15 mm dia PVC [ASTM] Pipe[Internal]   | 8.00  | Mtr | 91.70    | 733.60  |
|    | 25 mm dia PVC [ASTM] Pipe [External]  | 11.00 | Mtr | 86.40    | 950.40  |
|    | 32 mm dia PVC [ASTM] Pipe[External ]  | 10.00 | Mtr | 113.70   | 1137.00 |
|    | 32 mm dia PVC [ASTM] Pipe[External including E/W]   | 7.00  | Mtr | 152.34   | 1066.38 |
| 33 | Supplying all materials, labour, T&P and cutting holes through brick/stone masonry works including making good the damages in c.m. (1:4) for taking P.V.C. pipes & fittings etc. all complete as per P.H. specification and direction of E.I.C  | 4.00  | Nos | 45.10    | 180.40  |
| 34 | Supplying all materials, labour, T&P and fitting & fixing brass /C.P. fittings of the following nominal bore with supply of all jointing materials etc. complete as per P.H. specification and direction of E.I.C   |       |     |          |         |
|    | 15 mm dia C .P S.B. Bib Cock [Jaquar]   | 2.00  | Nos | 814.40   | 1628.80 |
|    | 15 mm dia C .P Angle Stop Cock [Jaquar]   | 2.00  | Nos | 705.30   | 1410.60 |
|    | 15 mm dia C .P Pillar Cock [Jaquar]   | 2.00  | Nos | 1,000.70 | 2001.40 |
|    | 15 mm dia C .P Extension Piece  | 2.00  | Nos | 58.70    | 117.40  |
| 35 | Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, including use of T&P as per PH specification and direction of E.I.C |       |     |          |         |

Cerra Sinto (26)

(4)

|           |  |       |       |        |                    |
|-----------|--|-------|-------|--------|--------------------|
|           | 110 mm dia U-PVC Pipe Sewerage line with all round encasing ( IS-4985/2000- 4 Kgf/Cm2)   | 10.00 | Mtr   | 939.50 | 9395.00            |
| <b>EI</b> |  |       |       |        |                    |
| 36        | Recessed wiring to light point and exhaust fan point with 1.5sqm FR PVC insulated single core multistandard copper conductor of ISI mark 20mm dia non metallic PVC flexible conduct with 5AMP,25V,pino type switch make ETC as per direction of engineer in charge.  |       |       |        |                    |
|           | .....do..... Group A (1.2.1-1.24.2)  | 4     | Point | 287.85 | 1151.40            |
|           | .....do..... Group B (1.2.1-1.24.2)  | 4     | Point | 498.73 | 1994.92            |
|           | .....do..... Group C(1.2.1-1.24.2)   | 4     | Point | 762.34 | 3049.36            |
|           | Recessed wiring with fan point Group-B   | 4     | Point | 498.73 | 1994.92            |
| 37        | S/F of metal box pf 150mmx75mmx60mm deep(Nominal size) etc all   | 2     | each  | 192.84 | 385.68             |
| 38        | S/F of 5amp switch and 5 amp socket outlet etc all   | 4     | each  | 83.14  | 332.56             |
| 39        | S/F of metal box pf 180mmx100mmx60mm deep(Nominal size) etc all  | 2     | each  | 263.88 | 527.76             |
| 40        | PVC insulated single core multistandard copper conductor of ISI mark (ISI mark to Hevels,V guard L&T Finolex)  |       |       |        |                    |
|           | .....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)  | 10    | PM    | 120.11 | 1201.10            |
|           | .....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)  | 8     | PM    | 134.06 | 1072.48            |
|           | .....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)  | 5     | PM    | 151.44 | 757.20             |
| 41        | Supply instation testing and commissioning main switch etc all   |       |       |        | 0.00               |
|           | B-do-32amp ICDP main switch  | 1     | each  | 851.58 | 851.58             |
| 42        | 200mmx250 mm x60mm deep (1.24.16) for fixing 32amp ICDP main switc   | 1     | each  | 205.57 | 205.57             |
| 43        | 250mmx3000 mm x60mm deep (1.24.16) for fixing 64amp ICDP main switc  | 1     | each  | 260.37 | 260.37             |
| 44        | s/f B series sp MCB Box lighyng and etc all  | 1     | each  | 127.56 | 127.56             |
| 45        | s/f B series sp MCB Box (250v)lighyng and etc all  | 1     | each  | 848.9  | 848.90             |
| 46        | 8watt CFL Imp,   | 4     | each  | 606.05 | 2424.20            |
| 47        | Holder BK angle  | 4     | each  | 14.68  | 58.72              |
| 48        | soldering of GI wire   | 1     | PM    | 47.68  | 47.68              |
| 49        | 18-25 led tube light Fitting including bulb  | 4     | each  | 688    | 2752.00            |
| 50        | Fan regulator in existing switch board etc all.  | 2     | each  | 280.82 | 561.64             |
| 51        | Supply instation testing and commissioning 10watt led bulb etc all.  | 3     | each  | 167.58 | 502.74             |
| 52        | Fitting and fixing of ceiling fan  | 2     | each  | 2200   | 4400.00            |
| 53        | Wiring for circuit / sub main wiring alongwith earth wire with following sizes of PVC insulated single core multistrand 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/ Hevels/V guard) |       |       |        |                    |
| a         | -do-2x2.5sqmm +1x1.5sqmm ( 1.8.2 )   | 30    | Mtr.  | 134.06 | 4021.80            |
| b         | -do- 2x4sqmm +1x1.5sqmm ( 1.8.3 )  | 20    | Mtr.  | 151.44 | 3028.80            |
|           |  |       |       | Rs     | <b>6,24,949.00</b> |

My quoted rate is (infigure) \_\_\_\_\_%(inwords) \_\_\_\_\_% excess over/less than/equal to the above estimated cost.

**Signature of Contractor**

Sold for the work .....  
on payment of Rs. ( Rupees ) only towards cost of

CDM & PHO, Balasore

W. S. N. S. (26)

5

**TENDER SCHEDULE**

**(BILL OF QUANTITIES)**

|                           |  |
|---------------------------|--|
| Name of work-             | Construction of HWC Sc at Ajodhya under NIPCCO Block |
| Estimated Cost-           | Rs. 6.25 <del>00</del> lakh                          |
| E.M. to be Deposited-     | 10% of the Estimated cost                            |
| Cost Of Tender paper      | Rs. 4550.00  |
| Date of sale of Tender    |  |
| Date of Receipt of Tender |  |
| Date of opening of Tender |  |
| Time of completion        |  |
| Class of Contractor       | "E" Class  |

| DESCRIPTION OF ITEMS  | No. | UNIT  | Estimate         | AMOUNT   |
|---|-----|-------|------------------|----------|
|   |     |       | d Rate<br>Figure |          |
| Earth work in excavation of foundation in hard soil with all leads and lifts including dressing and levelling the bed including cost of all labour T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.   | 33  | 1 Cum | 184.60           | 5828.29  |
| Supplying filling in foundation and plinth with fine coarse sand of approved quality in layer not exceeding 23.5 cm (5") including all cost conveyance, royalty taxes and all labour T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-                              | 40  | 1 Cum | 293.70           | 14413.99 |
| Cement concrete of proportion (1:4:8) in foundation and plinth using 4cm size clean hard hand broken granite metal of approved quality etc. complete as per specification and direction of the Engineer-in-charge.  | 10  | 1 Cum | 4072.50          | 27252.73 |
| R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips including mixing, hoisting, lowering, laying and compacting concrete in all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge.           |     |       |                  |          |
| a) Column base  |     | 1 Cum | 4735.00          | 21440.08 |
| b) For plinth beam  |     | 1 Cum | 4735.00          | 12500.40 |
| c) For Column & Beam in superstructure  |     | 1 Cum | 10428.60         | 38377.25 |
| d) For Lintel   |     | 1 Cum | 8326.10          | 10074.58 |
| e) For Chhaja   |     | 1 Sqm | 774.00           | 3521.70  |
| f) For Roof slab  |     | 1 Cum | 8909.90          | 40985.54 |
| 250mm thick Flyash brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg .. complete as per specification and direction of the Engineer-in-charge (E & P) |     | 1 Cum | 4160.60          | 9111.71  |
| i) 250mm thick flyash brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure . all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge ( In Superstructure)  |     | 1 Cum | 4198.90          | 65796.76 |

*Done Shilpa 9/7*

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|    |  |           |         |        |         |
|----|--|-----------|---------|--------|---------|
| 20 | Supplying all materials, labour T&P and fixing water casset (Orissa pattern squatting pan) duly embedded in c.c. (1:2:4) using 4cm h.g. metal all complete as per direction of E.I.C   |           |         |        |         |
| 21 | a) (583x440)mm Orissa pan (Neycer/Cerra/ Parry wear Hindware)  | 1.00 NO   | 2,611.6 |        | 2611.60 |
| 21 | Supplying all materials, labour T&P and fixing Wash Basin Water Closet(European type W.C. pan) with Integral 'S' trap to the floor with wooden plug and C.P.screws including jointing the trap with soil pipe in C.M.(1:1) etc. all complete as per specification & direction of E.I.C                                   |           |         |        |         |
| 21 | a) E.W.C. with 'S' trap plain(Neycer/Cerra/ Parrywear Hindware)  | 1.00 NO   | 2,176.7 |        | 2176.70 |
| 22 | Supply of all labours,T&P for fixing of wash Basin with tap for taps with cast iron or MS bracket painted white including cutting hole in wall, making good to the damages etc. including cost of basin all complete as par PHE Sepcification  | 1.00 NO   | 3861.70 |        | 3861.70 |
| 23 | Supply of all labours,T&P for fixing of wall mirror etc. including cost of wall mirror all complete as par PHE Sepcification   | 1.00 NO   | 768.90  |        | 768.90  |
| 24 | Supply of all labours,T&P for fixing of Soil waste venting pipe and fitting to wall with nail,bobbins and wooden plugs as per specification and laying in trenches including earth work excavation in all kinds of soil and refilling of trenches etc. all including cost of basin all complete as per PHE Sepcification | 16.00 Rmt | 309.90  |        | 4958.40 |
| 25 | Providing and laying in trenches unplasticised PVC pipe (ASTM S-80, 10 kg/sq cm) of the following nominal bore and pipe fitting including testing as per PHE specification including cost of PVC pipe.   | 16.00 Rmt | 219.00  |        | 3504.00 |
| 26 | Supply of all labours,T&P for fixing of C.P.long Body bib cock (T&P) of Following nominal size as par PHE Sepcification  | 2.00 NO   | 658.20  |        | 1316.40 |
| 27 | Supply of all labours,T&P for fixing of C.P.conceal Stop cock (T&P) of Following nominal size as par PHE Sepcification   | 2.00 NO   | 747.30  |        | 1494.60 |
| 28 | Supply of all labours,T&P for fixing of C.P.Flange (T&P) of Following nominal size as par PHE Sepcification  | 3.00 NO   | 40.30   |        | 120.90  |
| 29 | Supply of all labours,T&P for fixing of C.P.piller cock (T&P) of Following nominal size as par PHE Sepcification   | 2.00 NO   | 696.50  |        | 1393.00 |
| 30 | Supply of all labours,T&P for fixing of C.P.Health phaucet(T&P) of Following nominal size as par PHE Sepcification   | 2.00 NO   | 544.50  |        | 1089.00 |
| 31 | Supply of all labours,T&P for fixing of standard sized glass shelf with cp brass bracket and guard rail completed fixed to wooden plugs with screw etc.all complete as par PHE Sepcification   | 2.00 NO   | 451.40  |        | 902.80  |
| 32 | Supply of all labours,T&P for fixing & fixing of CP soap holder completed fixed to wooden plugs with screw etc. all complete as par PHE Sepcification  | 2.00 NO   | 167.50  |        | 335.00  |
| 33 | 500 ltr water tank storage on the roof of ground floor detail of cost for one tank   | 1.00 NO   | 4250.00 |        | 4250.00 |
| 34 | Fitting and fixing of PVC door in toilet wall  | 2.00 NO   | 3000.00 |        | 6000.00 |
| EI |  |           |         |        |         |
| 35 | Recessed wiring to light point and exhaust fan point with 1.5sqm FR PVC insulated single core multistandard copper conductor of ISI mark 20mm dia non metallic PVC flexible conduct with 5AMP,25V,pino type switch maker etc. as per direction of engineer in charge.  |           |         |        |         |
|    | .....do..... Group A (1.2.1-1.24.2)  | Point     | 2       | 287.85 | 575.70  |
|    | .....do..... Group B (1.2.1-1.24.2)  | Point     | 2       | 498.73 | 997.46  |
|    | .....do..... Group C(1.2.1-1.24.2)   | Point     | 3       | 762.34 | 2287.02 |
|    | Recessed wiring with fan point Group-B   | Point     | 2       | 498.73 | 997.46  |

(2)

(3)

|    |  |      |    |        |             |
|----|--|------|----|--------|-------------|
| 36 | S/F of metal box pf 150mmx75mmx60mm deep(Nominal size) etc all   | each | 2  | 192.84 | 385.68      |
| 37 | S/F of 5amp switch and 5 amp socket outlet etc all   | each | 6  | 81.14  | 498.84      |
| 38 | S/F of metal box pf 180mmx100mmx60mm deep(Nominal size) etc all  | each | 2  | 263.88 | 527.76      |
| 39 | PVC insulated single core multistandard copper conductor of ISI mark (ISI mark to Havells, V guard L&T Finolex)  |      |    |        |             |
|    | do 2x1.5sqmm+1x1.5sqmm(1.8.1)  | PM   | 8  | 120.11 | 960.88      |
|    | do 2x2.5sqmm+1x1.5sqmm(1.8.2)  | PM   | 6  | 134.06 | 804.36      |
|    | do 2x1.4sqmm+1x1.5sqmm(1.8.3)  | PM   | 4  | 151.44 | 605.76      |
| 40 | Supply instation testing and commissioning main switch etc all   |      |    |        |             |
|    | B-do-32amp ICDP main switch  | each | 1  | 851.58 | 851.58      |
| 41 | 200mmx250 mm x60mm deep (1.24.16) for fixing 32amp ICDP main switc   | each | 1  | 205.57 | 205.57      |
| 42 | 250mmx300 mm x60mm deep (1.24.16) for fixing 64amp ICDP main switc   | each | 1  | 260.37 | 260.37      |
| 43 | s/f E series sp MCB Box lighying and etc all   | each | 1  | 127.56 | 127.56      |
| 44 | s/f B series sp MCB Box (250v)lighying and etc all   | each | 1  | 848.9  | 848.9       |
| 45 | 8watt CFL Imp,   | each | 3  | 608.05 | 1818.15     |
| 46 | Holder BK angle  | each | 4  | 14.68  | 58.72       |
| 47 | soldering of GI wire   | PM   | 1  | 47.68  | 47.68       |
| 48 | 18-25 led tube light Fitting including bulb  | each | 4  | 688    | 2752        |
| 49 | Fan regulator in existing switch board etc all.  | each | 2  | 280.82 | 561.64      |
| 50 | Supply instation testing and commissioning 10watt led bulb etc all.  | each | 2  | 167.58 | 335.16      |
| 51 | Fitting and fixing of ceiling fan  | each | 2  | 2200   | 4400        |
| 52 | Wiring for circuit / sub main wiring alongwith earth wire with following sizes of PVC insulated single core multistrand 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/ Havells/V-guard). |      |    |        |             |
| a  | -do-2x2.5sqmm + 1x1.5sqmm ( 1.8.2 )  | Mtr. | 22 | 134.06 | 2949.32     |
| b  | -do- 2x4sqmm + 1x1.5sqmm ( 1.8.3 )   | Mtr. | 22 | 151.44 | 3331.68     |
|    |  |      |    |        | 6,24,903.00 |

My quoted rate is (infigure) \_\_\_\_\_%(inwords) \_\_\_\_\_% excess over/less than/equal to the above estimated cost.

|  |                      |
|--|----------------------|
| Signature of Contractor                  |                      |
| Sold for the work                        |                      |
| on payment of Rs. _____ ( Rupees _____ ) | only towards cost of |
| tender paper vide Money Receipt No.....  |                      |

10/12/20  
CDM & PHO, Balasore

Work S/1/16 (27) (4)

**TENDER SCHEDULE**  
(BILL OF QUANTITY)

|                                  |  |
|----------------------------------|--|
| Name of work-                    | Construction of HWC Sc at <sup>Jambucha</sup> <del>Mafhapata</del> |
| Estimated Cost-                  | Rs- 6.25 Lakhs   |
| E.M. to be Deposited-            | 1% of the Estimated cost   |
| Cost Of Tender paper with VAT 4% | Rs- 4080.00  |
| Date of sale of tender           |  |
| Date of Receipt of tender        |  |
| Date of opening of Tender        |  |
| Time of completion               |  |
| Class of Contractor              | "D" & "C" class  |

| Sl. No. | DESCRIPTION OF ITEMS  | No. or Qty | UNIT  | Estimated Rate Figure | AMOUNT in Rupees |
|---------|---|------------|-------|-----------------------|------------------|
| 1       | Earth work in excavation of foundation in hard soil with all leads and lifts including dressing and levelling the bed and depositing the excavated earth at place away from work site with all leads and lifts including cost of all labour T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.  | 0.18       | 1 Cum | 178.60                | 32.37            |
| 2       | Supplying filling in foundation and plinth with fine coarse sand of approved quality in layer not exceeding 23.5 cm (5') free from organic and vegetation materials, well watered and rammed including all cost conveyance, royalty taxes and all labour T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge (Measurement will be taken on finished compacted section only)   | 0.07       | 1 Cum | 595.90                | 44.27            |
| 3       | Cement concrete of proportion (1:4:8) in foundation and plinth using 4cm size man hard hand broken granite metal of approved quality from approved quarry including hoisting lowering & laying concrete in layers not exceeding 9" tick to the required level including cost conveyance and royalty of all materials with all taxes and compacting watering curing and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.   | 0.05       | 1 Cum | 4321.90               | 211.90           |
| 4       | R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing, hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beam where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge. |            |       |                       |                  |
|         | b) For plinth beam sill bend  | 0.05       | 1 Cum | 4968.70               | 243.61           |
|         | c) For Column & Beam in superstructure  | 0.66       | 1 Cum | 4968.70               | 3279.34          |
|         | d) For Lintel   | 3.90       | 1 Cum | 10744.30              | 41902.77         |
|         |   | 1.21       | 1 Cum | 8641.80               | 10456.58         |

Total Bill Amount

|    |   |        |        |          |          |
|----|---|--------|--------|----------|----------|
|    | e) For Chhaja staircase   | 4.55   | 1 Sqm  | 794.60   | 3615.43  |
|    | f) For Roof slab  | 1.95   | 1 Cum  | 10253.00 | 19993.35 |
|    |   | 5.13   | 1 Cum  | 9225.60  | 47327.33 |
| 5  | 250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. complete as per specification and direction of the Engineer-in-charge.in Superstructure)  | 16.11  | 1 Cum  | 4310.30  | 69438.93 |
| 7  | Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge. | 11.98  | 1 Qtl. | 6160.90  | 73807.58 |
| 8  | 12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.  | 219.99 | 1 Sqm  | 139.40   | 30666.61 |
| 9  | 16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.  | 112.70 | 1sqm   | 138.90   | 22416.03 |
| 10 | Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge.  | 64.62  | 1 Cum  | 154.80   | 10003.18 |
| 11 | Fixing vetrified tiles of coloured/painted series(homogenous) in floors, treads or steps and landing on 25mm thick bed of cement mortar (1:1) (1cement:1sand) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tiles per 1sqm .  | 70.23  | 1 Sqm  | 967.40   | 67942.82 |
| 12 | Providing and fixing Glazed tile in dado,skirting riser of steps on 12 mm thick cement plaster 1:3 jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complet including cost of pre cast tiles, all materials,labour,t&p,all taxes of materials etc complete as per instruction of Architect and Engineer in charge.   | 7.75   | 1 Sqm  | 704.40   | 5459.10  |
| 13 | Providing fixing glazed floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T &P etc. complete as per direction of the Engineer-in-charge.  | 7.21   | 1 Sqm  | 722.20   | 5207.06  |
| 14 | Providing for fitting & fixing M.S. grill as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.   | 233.75 | kg     | 59.74    | 13964.23 |
| 15 | Providing for fitting & fixing M.S. door as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.  | 411.00 | kg     | 131.07   | 53868.82 |
| 16 | Priming one coat with approved Water Bound wall cement on plastered Surface including cost of all materials etc complete as per specification and direction of the Engineer-in-charge.  | 397.31 | 1 Sqm  | 58.10    | 23083.71 |

Done S/No - 05

|    |   |        |       |        |          |
|----|---|--------|-------|--------|----------|
| 17 | Distemping two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. conveyance, royalties and taxes of all materials and labour with T&P required for the work etc. complete in all respect as per the specification & direction of the Engineer in charge. | 177.32 | 1 Sqm | 64.50  | 11437.03 |
| 18 | Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the Engineer in charge.                  | 224.54 | 1 Sqm | 73.30  | 16459.14 |
| 19 | Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the Engineer in charge.  | 28.01  | 1 Sqm | 191.20 | 5355.39  |

**PH**

|    |   |       |     |          |         |
|----|---|-------|-----|----------|---------|
| 20 | Factory made FRP(alternately called GRP) door frame of size 75mmx100mm fabricated using E-glass Chopped Strand Mat (CSM) U.V stabilised Isophthalic Gel coat and impregnated with Isophthalic resin. complete in all respect as per specification and direction of the E.I.C.<br>3 x (2.10+2.10+0.75)=  | 14.25 | m   | 351.69   | 5011.58 |
| 21 | 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 Gel coat and one layer of 450 gsm E-glass Chopped Strand Mat (CSM) impregnated with orthophthalic polyester resin.<br>3 x 2.05 x 0.0.70=                      | 4.30  | Sqm | 2,250.00 | 9675.00 |
| 22 | Supplying all materials, labour T&P and fixing water closet, (Orissa pattern squatting pan) duly embedded in c.c. (1:5:10) using 4cm h.g. metal all complete as per direction of E.I.C.<br>(583x440)mm Orissa pan (Neycer/Cerra/ Parry ware/ Hindware)  | 1.00  | Nos | 2,717.80 | 2717.80 |
| 23 | Supplying all materials, labour T&P and fixing Wash Down Water Closet(European type W.C. pan) with Integral 'S' or 'P' trap to the floor with wooden plug and C.P.screws including jointing the trap with soil pipe in C.M.(1:1) etc. all complete as per specification & direction of E.I.C.<br>E.W.C. with 'S' trap plain(Neycer/Cerra/ Parrywear/ Hindware)        | 1.00  | Nos | 2,283.00 | 2283.00 |
| 24 | Supplying all materials, labour, T&P fitting and fixing Plastic Seat and cover for E.W.C. with chromium plated brass hinges and rubber buffers all complete as per specification and direction of E.I.C.(Neycer/Cerra/ Parrywear/ Hindware).  | 1.00  | Nos | 611.60   | 611.60  |
| 25 | Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber e.w. in excavation in all kinds of soil and refilling of trenches as per direction of E.I.C. |       |     |          |         |
|    | 110 mm dia U-PVC Pipes (4 Kgf/Cm2)  | 15.00 | mt  | 203.30   | 3049.50 |
|    | 110 mm dia U-PVC P' Trap  | 4.00  | Nos | 299.70   | 1198.80 |
|    | 110 mm dia U-PVC Door Tee   | 3.00  | Nos | 296.70   | 890.10  |
|    | 110 mm dia U-PVC Door Cross Tee   | 2.00  | Nos | 350.30   | 700.60  |
|    | 110 mm dia U-PVC Plain Bend   | 4.00  | Nos | 204.70   | 818.80  |
|    | 110 mm dia U-PVC Plain Tee  | 4.00  | Nos | 147.00   | 588.00  |
|    | 110 mm dia U-PVC Offset   | 1.00  | Nos | 268.00   | 268.00  |
|    | 110 mm dia U-PVC Cowl   | 4.00  | Nos | 180.50   | 722.00  |
|    | 125 mm dia C.P.grating  | 4.00  | Nos | 77.30    | 309.20  |
|    | 75 mm dia U-PVC Pipes (4 Kgf/Cm2)   | 2.00  | Nos | 67.50    | 135.00  |
|    | 75 mm dia U-PVC Door bend   | 8.00  | mt  | 120.30   | 962.40  |
|    | 75 mm dia U-PVC Plain bend  | 4.00  | Nos | 122.90   | 491.60  |
|    |   | 3.00  | Nos | 93.00    | 279.00  |

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|    |   |       |     |          |         |
|----|---|-------|-----|----------|---------|
| 26 | Supplying all materials, labour T&P and fixing wash basins with hole for pillar taps with C.I/M.S brackets painted white including holes in walls and making good the damages etc. all complete as per P.H. specification and direction of E.I.C.   |       |     |          |         |
| 27 | 550mm x 400mm WHB with all Fittings.with C.P. Waste, PVC Waste Pipe & PVC connection Pipe (Neycer/Cerra/ Parry ware/ Hindware)  | 1.00  | Nos | 2,139.90 | 2139.90 |
| 28 | Supplying all materials, labour T&P and fixing mirror of superior glass mounted on 6mm thick plywood sheet and fixed to wooden plugs with C.P screws and washers complete as per P.H specification and direction of E.I.C.  | 1.00  | Nos | 681.90   | 681.90  |
| 29 | 600mm x 450mm B.E. Mirror (fixed type)  |       |     |          |         |
| 29 | Supplying all materials, labour T&P and fixing standard size C.P. towel rail / ring complete with c.p. brass brackets fixed to wooden plugs with c.p screws as per P.H specification and direction of E.I.C.  | 1.00  | Nos | 427.20   | 427.20  |
| 30 | C.P. Towel Ring   |       |     |          |         |
| 30 | Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C  | 3.00  | Nos | 262.40   | 787.20  |
| 31 | C.P. Soap Holder  |       |     |          |         |
| 31 | Supplying all , labour T&P and fitting, fixing of standard size glass shelf with CP brass bracket and guard rails complete fixed to wooden plugs with CP screw as per specification and direction of E.I.C  | 1.00  | Nos | 776.70   | 776.70  |
| 32 | 450x125mm size Plate Acrylic Shelf  |       |     |          |         |
| 32 | Supplying all materials, labour T&P and cutting holes through brick/stone masonry walls for taking PVC pipes and fittings including making good the damages etc. all complete as per P.H. specification and direction of E.I.C.   | 5.00  | Nos | 170.30   | 851.50  |
| 33 | 250 mm thick wall   |       |     |          |         |
| 33 | 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-40/80) 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 E.I.C   | 8.00  | Mtr | 138.60   | 1108.80 |
|    | 25 mm dia PVC [ASTM] Pipe [Internal]  |       |     |          |         |
|    | 15 mm dia PVC [ASTM] Pipe[Internal]   | 8.00  | Mtr | 91.70    | 733.60  |
|    | 25 mm dia PVC [ASTM] Pipe [External]  | 10.00 | Mtr | 86.40    | 864.00  |
|    | 32 mm dia PVC [ASTM] Pipe[External ]  | 6.00  | Mtr | 113.70   | 682.70  |
|    | 32 mm dia PVC [ASTM] Pipe[External including E/W]   | 6.00  | Mtr | 152.34   | 914.04  |
| 34 | Supplying all materials, labour, T&P and cutting holes through brick/stone masonry works including making good the damages in c.m. (1:4) for taking P.V.C. pipes & fittings etc. all complete as per P.H. specification and direction of E.I.C.   | 4.00  | Nos | 45.10    | 180.40  |
| 35 | Supplying all materials, labour, T&P and fitting & fixing brass /C.P. fittings of the following nominal bore with supply of all jointing materials etc. complete as per P.H. specification and direction of E.I.C   |       |     |          |         |
|    | 15 mm dia C .P S.B. Bib Cock [Jaquar]   | 2.00  | Nos | 814.40   | 1628.80 |
|    | 15 mm dia C .P Angle Stop Cock[Jaquar]  | 2.00  | Nos | 705.30   | 1410.60 |
|    | 15 mm dia C .P Pillar Cock[Jaquar]  | 2.00  | Nos | 1,000.70 | 2001.40 |
|    | 15 mm dia C .P Extension Piece  | 2.00  | Nos | 58.70    | 117.40  |
| 36 | Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, including use of T&P as per PH specification and direction of E.I.C |       |     |          |         |

2022/1/20 (28) (9)

|           |  |      |       |            |                    |
|-----------|--|------|-------|------------|--------------------|
|           | 110 mm dia U-PVC Pipe Sewerage line with all round encasing ( IS-4985/2000- 4 Kg/Cm2)  | 8.00 | Mtr   | 939.50     | 7516.00            |
| <b>EI</b> |  |      |       |            |                    |
| 37        | Recessed wiring to light point and exhaust fan point with 1.5sqm FR PVC insulated single core multistandard copper conductor of ISI mark 20mm dia non metallic PVC flexible conduct with 5AMP, 25V, pino type switch make ETC as per direction of engineer in charge.  |      |       |            |                    |
|           | .....do..... Group A (1.2.1-1.24.2)  | 4    | Point | 287.85     | 1151.40            |
|           | .....do..... Group B (1.2.1-1.24.2)  | 4    | Point | 498.73     | 1994.92            |
|           | .....do..... Group C(1.2.1-1.24.2)   | 4    | Point | 762.34     | 3049.36            |
|           | Ressed wiring with fan point Group-B   | 4    | Point | 498.73     | 1994.92            |
| 38        | S/f of metal box pf 150mmx75mmx60mm deep(Nominal size) etc all   |      |       |            |                    |
| 39        | S/f of 5amp switch and 5 amp socket outlet etc all   | 2    | each  | 192.84     | 385.68             |
| 40        | S/f of metal box pf 180mmx100mmx60mm deep(Nominal size) etc all  | 4    | each  | 83.14      | 332.56             |
| 41        | PVC insulated single core multistandard copper conductor of ISI mark (ISI mark to Hevels, V guard L&T Finolex)   | 2    | each  | 263.88     | 527.76             |
|           | .....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)  | 10   | PM    | 120.11     | 1201.10            |
|           | .....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)  | 0    | PM    | 134.06     | 1072.48            |
|           | .....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)  | 5    | PM    | 151.44     | 757.20             |
| 42        | Supply instation testing and commissioning main switch etc all B-do-32amp ICDP main switch   |      |       |            | 0.00               |
| 43        | 200mmx250 mm x60mm deep (1.24.16) for fixing 32amp ICDP main switc   | 1    | each  | 851.58     | 851.58             |
| 44        | 250mmx3000 mm x60mm deep (1.24.16) for fixing 64amp ICDP main switc  | 1    | each  | 205.57     | 205.57             |
| 45        | s/f B series sp MCB Box lighying and etc all   | 1    | each  | 260.37     | 260.37             |
| 46        | s/f B series sp MCB Box (250v)lighying and etc all   | 1    | each  | 127.56     | 127.56             |
| 47        | 8watt CFL Imp,   | 1    | each  | 848.9      | 848.90             |
| 48        | Holder BK angle  | 4    | each  | 606.05     | 2424.20            |
| 49        | soldering of GI wire   | 4    | each  | 14.68      | 58.72              |
| 50        | 18-25 led tube light Fitting including bulb  | 1    | PM    | 47.68      | 47.68              |
| 51        | Fan regulator in existing switch board etc all.  | 4    | each  | 688        | 2752.00            |
| 52        | Supply instation testing and commissioning 10watt led bulb etc all.  | 2    | each  | 280.82     | 561.64             |
| 53        | Fitting and fixing of ceilling fan   | 3    | each  | 167.58     | 502.74             |
| 54        | Wiring for circuit / sub main wiring alongwith earth wire with following sizes of PVC insulated single core multistrand 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/ Havale/V-guard) | 2    | each  | 2200       | 4400.00            |
| (a)       | -do-2x2.5sqmm +1x1.5sqmm ( 1.8.2 )   | 37   | Mtr.  | 134.06     | 4960.22            |
| (b)       | -do- 2x4sqmm +1x1.5sqmm ( 1.8.3 )  | 30   | Mtr.  | 151.44     | 4543.20            |
|           |  |      |       | <b>Rs.</b> | <b>6,24,762.00</b> |

My quoted rate is (infigure) \_\_\_\_\_ % (inwords) \_\_\_\_\_ over/less than/equal to the above estimated cost. \_\_\_\_\_ % excess

**Signature of Contractor**

Sold for the work .....  
on payment of Rs. \_\_\_\_\_ ( Rupees \_\_\_\_\_ ) only towards cost of

*Handwritten signature*  
15/12/20

CDM & PHO, Balasore

*Handwritten signature*

*Handwritten mark*

**TENDER SCHEDULE**  
(BILL OF QUANTITY)

|                                  |  |
|----------------------------------|--|
| Name of work-                    | Construction of HWC Sc at Mahisapata under Nilgiri Block |
| Estimated Cost-                  | Rs- 6.25 lakh  |
| E.M. to be Deposited-            | 1% of the Estimated cost                                 |
| Cost Of Tender paper with VAT 4% | Rs- 4000.00  |
| Date of sale of Tender           |  |
| Date of Receipt of Tender        |  |
| Date of opening of Tender        |  |
| Time of completion               |  |
| Class of Contractor              | "D" & "C" Class  |

| Sl. No. | DESCRIPTION OF ITEMS  | No. or Qty | UNIT  | Estimated Rate | AMOUNT in Rupees |
|---------|---|------------|-------|----------------|------------------|
|         |   |            |       | Figure         |                  |
| 1       | Earth work in excavation of foundation in hard soil with all leads and lifts including dressing and levelling the bed and depositing the excavated earth at place away from work site with all leads and lifts including cost of all labour T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.  | 0.18       | 1 Cum | 178.60         | 32.37            |
| 2       | Supplying filling in foundation and plinth with fine coarse sand of approved quality in layer not exceeding 23.5 cm (5') free from organic and vegetation materials, well watered and rammed including all cost conveyance, royalty taxes and all labour T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge(Measurement will be taken on finished compacted section only)  | 0.07       | 1 Cum | 595.90         | 44.27            |
| 3       | Cement concrete of proportion (1:4:8) in foundation and plinth using 4cm size clean hard hand broken granite metal of approved quality from approved quarry including hoisting lowering & laying concrete in layers not exceeding 9"tick to the required level including cost conveyance and royalty of all materials with all taxes and compacting watering curing and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.  | 0.05       | 1 Cum | 4217.60        | 206.79           |
| 4       | R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing ,hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges,T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge. |            |       |                |                  |
|         | b) For plinth beam sill bend  | 0.05       | 1 Cum | 4871.00        | 238.82           |
|         | c) For Column &Beam in superstructure   | 0.66       | 1 Cum | 4871.00        | 3214.86          |
|         |   | 3.90       | 1 Cum | 10646.50       | 41521.35         |

Done at Bangalore

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|    |   |        |       |        |          |
|----|---|--------|-------|--------|----------|
| 15 | Providing for fitting & fixing <b>M.S. door</b> as per approved dosing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.   | 411.00 | kg    | 131.07 | 53868.82 |
| 16 | Priming one coat with approved Water Bound well cement on plastered Surface including cost of all materials etc complete as per specification and direction of the Engineer in charge.  | 397.31 | 1 Sqm | 58.10  | 23083.71 |
| 17 | Distemping two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. conveyance, royalties and taxes of all materials and labour with T&P required for the work ..etc. complete in all respect as per the specification & direction of the Engineer in charge. | 177.32 | 1 Sqm | 64.50  | 11437.03 |
| 18 | Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the Engineer-in-charge.                    | 224.54 | 1 Sqm | 73.30  | 16459.14 |
| 19 | Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the Engineer-in-charge.  | 28.01  | 1 Sqm | 191.20 | 5355.39  |

**PH**

|    |   |                                       |                                 |  |  |
|----|---|---------------------------------------|---------------------------------|--|--|
| 20 | Factory made FRP(alternately called GRP) door frame of size 75mmx100mm fabricated using E-glass Chopped Strand Mat (CSM) U.V stabilised Inophthalic Gelcoat and impregnated with Inophthalic resin. complete in all respect as per specification and direction of the E.I.C.<br>3 x (2.10+2.10+0.75)=   | 14.25                                 | mtr                             | 351.69   | 5011.58  |
| 21 | 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 Gel coat and one layer of 450 gsm E-glass Chopped Strand Mat (CSM) impregnated with orthophthalic polyester resin.<br>3 x 2.05 x 0.0.70=  | 4.30                                  | sqm                             | 2,250.00                                       | 9675.00  |
| 22 | Supplying all materials, labour T&P and fixing water closet, (Orissa pattern squatting pan) duly embedded in c.c. (1:5:10) using 4cm h.g. metal all complete as per direction of E.I.C.<br>(583x440)mm Orissa pan (Neycer/Cerra/ Parry ware/ Hindware)  | 1.00                                  | Nos                             | 2,717.80                                       | 2,717.80   |
| 23 | Supplying all materials, labour T&P and fixing Wash Down Water Closet(European type W.C. pan) with Integral 'S' or 'P' trap to the floor with wooden plug and C.P.screws including jointing the trap with soil pipe in C.M.(1:1) etc. all complete as per specification & direction of E.I.C.<br>E.W.C. with 'S' trap plain(Neycer/Cerra/ Parrywear/ Hindware)  | 1.00                                  | Nos                             | 2,283.00                                       | 2283.00  |
| 24 | Supplying all materials, labour, T&P fitting and fixing Plastic Seat and cover for E.W.C. with chromium plated brass hinges and rubber buffers all complete as perr specification and direction of E.I.C.(Neycer/Cerra/ Parrywear/ Hindware)  | 1.00                                  | Nos                             | 611.60   | 611.60   |
| 25 | Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber e.w. in excavation in all kinds of soil and refilling of trenches as per direction of E.I.C.<br>110 mm dia U-PVC Pipes (4 Kgf/Cm2)<br>110 mm dia U-PVC P' Trap<br>110 mm dia U-PVC Door Tee<br>110 mm dia U-PVC Door Cross Tee<br>110 mm dia U-PVC Door Bend | 15.00<br>4.00<br>3.00<br>2.00<br>4.00 | mtr<br>Nos<br>Nos<br>Nos<br>Nos | 203.30<br>299.70<br>296.70<br>350.30<br>204.70 | 3049.50<br>1198.80<br>890.10<br>700.60<br>818.80 |

Work starts @ 22

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|    |   |       |     |          |         |
|----|---|-------|-----|----------|---------|
|    | 110 mm dia U-PVC Plain Bend   | 4.00  | Nos | 147.00   | 588.00  |
|    | 110 mm dia U-PVC Plain Tee  | 1.00  | Nos | 268.00   | 268.00  |
|    | 110 mm dia U-PVC Off set  | 4.00  | Nos | 180.50   | 722.00  |
|    | 110 mm dia U-PVC Cowl   | 4.00  | Nos | 77.30    | 309.20  |
|    | 125 mm dia C.P. grating   | 2.00  | Nos | 67.50    | 135.00  |
|    | 75 mm dia U-PVC Pipes (4 Kgf/Cm <sup>2</sup> )  | 8.00  | mtr | 120.30   | 962.40  |
|    | 75 mm dia U-PVC Door bend   | 4.00  | Nos | 122.90   | 491.60  |
|    | 75 mm dia U-PVC Plain bend  | 3.00  | Nos | 93.00    | 279.00  |
| 26 | Supplying all materials, labour T&P and fixing wash basins with hole for pillar taps with C.I/M.S brackets painted white including holes in walls and making good the damages etc. all complete as per P.H specification and direction of E.I.C.  |       |     |          |         |
|    | 550mm x 400mm WHB with all Fittings.with C.P. Waste, PVC Waste Pipe & PVC connection Pipe (Neycer/Cerra/ Parry ware/ Hindware)  | 1.00  | Nos | 2,139.90 | 2139.90 |
| 27 | Supplying all materials, labour T&P and fixing mirror of superior glass mounted on 6mm thick plywood sheet and fixed to wooden plugs with C.P screws and washers complete as per P.H specification and direction of F.I.C.  |       |     |          |         |
|    | 600mm x 450mm B.F. Mirror (fixed type)  | 1.00  | Nos | 681.90   | 681.90  |
| 28 | Supplying all materials, labour T&P and fixing standard size C.P. towel rail complete with c.p. brass brackets fixed to wooden plugs with c.p screws as per P.H specification and direction of E.I.C.   |       |     |          |         |
|    | C.P. Towel Ring   | 1.00  | Nos | 427.20   | 427.20  |
| 29 | Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C  |       |     |          |         |
|    | C.P. Soap Holder  | 3.00  | Nos | 262.40   | 787.20  |
| 30 | Supplying all , labour T&P and fitting, fixing of standard size Glass shelf with CP brass bracket and guard rails complete fixed to wooden plugs with CP screw as per specification and direction of F.I.C.   |       |     |          |         |
|    | 450x125mm size Plate Acrylic Shelf  | 1.00  | Nos | 776.70   | 776.70  |
| 31 | Supplying all materials, labour T&P and cutting holes through brick/stone masonry walls for taking PVC pipes and fittings including making good the damages etc. all complete as per P.H. specification and direction of F.I.C.   |       |     |          |         |
|    | 250 mm thick wall   | 5.00  | Nos | 170.30   | 851.50  |
| 32 | 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-40/80) 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 E.I.C |       |     |          |         |
|    | 25 mm dia PVC [ASTM] Pipe [Internal]  | 10.00 | Mtr | 138.60   | 1386.00 |
|    | 15 mm dia PVC [ASTM] Pipe [Internal]  | 8.00  | Mtr | 91.70    | 733.60  |
|    | 25 mm dia PVC [ASTM] Pipe [External]  | 11.00 | Mtr | 86.40    | 950.40  |
|    | 32 mm dia PVC [ASTM] Pipe [External]  | 10.00 | Mtr | 113.70   | 1137.00 |
|    | 32 mm dia PVC [ASTM] Pipe [External including E/W]  | 7.00  | Mtr | 152.34   | 1066.38 |
| 33 | Supplying all materials, labour, T&P and cutting holes through brick/stone masonry works including making good the damages in c.m. (1:4) for taking P.V.C. pipes & fittings etc. all complete as per P.H. specification and direction of F.I.C  | 4.00  | Nos | 45.10    | 180.40  |
|    | Supplying all materials, labour, T&P and fitting & fixing brass /C.P. fittings of the following nominal bore with supply of all jointing materials etc. complete as per P.H. specification and direction of F.I.C   |       |     |          |         |
|    | 15 mm dia C.P S.B. Bib Cock [Jaquar]  | 2.00  | Nos | 814.40   | 1628.80 |
|    | 15 mm dia C.P Angle Stop Cock [Jaquar]  | 2.00  | Nos | 705.30   | 1410.60 |
|    | 15 mm dia C.P Pillar Cock [Jaquar]  | 2.00  | Nos | 1,000.70 | 2001.40 |

Consolidated

(9)

|           |  |       |       |        |         |
|-----------|--|-------|-------|--------|---------|
|           | 15 mm dia C.P Extension Piece  | 2.00  | Nos   | 58.70  | 117.40  |
| 34        | Supplying all materials, labour, I&P and laying <b>110 mm dia U-PVC Pipe</b> and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metalin all kinds of soil, including use of I&P as per PH Specification and direction of E.I.C                                      |       |       |        |         |
|           | 110 mm dia U-PVC Pipe Sewerage line with all round encasing (IS-6985/2000 1 Kgf/Cm2)   | 10.00 | Mtr   | 939.50 | 9395.00 |
| <b>EI</b> |  |       |       |        |         |
| 35        | Recessed wiring to light point and exhaust fan point with 1.5sqm FR PVC insulated single core multi standard copper conductor of ISI mark 20mm dia non metallic PVC flexible conduct with 5AMP,25V,pino type switch make ITC as per direction of engineer in charge  |       |       |        |         |
|           | .....do..... Group A (1.2.1-1.24.2)  | 4     | Point | 287.85 | 1151.40 |
|           | .....do..... Group B (1.2.1-1.24.2)  | 4     | Point | 498.72 | 1994.92 |
|           | .....do..... Group C (1.2.1-1.24.2)  | 4     | Point | 762.96 | 3049.36 |
|           | Recessed wiring with fan point Group-B   | 4     | Point | 498.72 | 1994.92 |
| 36        | S/F of metal box pf 150mmx75mm x60mm deep(Nominal size) etc all  | 2     | each  | 192.84 | 385.68  |
| 37        | S/F of 5amp switch and 5 amp socket outlet etc all   | 4     | each  | 83.14  | 332.56  |
| 38        | S/F of metal box pf 180mmx100mmx60mm deep(Nominal size) etc all  | 2     | each  | 263.88 | 527.76  |
| 39        | PVC insulated single core multi standard copper conductor of ISI mark (ISI mark to Hevens,V guard L&T Finolex)   |       |       |        |         |
|           | .....do..... 2x1.5sqmm +1x1.5sqmm(1.8.1)   | 10    | PM    | 120.10 | 1201.10 |
|           | .....do..... 2x2.5sqmm +1x1.5sqmm(1.8.2)   | 8     | PM    | 134.64 | 1072.48 |
|           | .....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)  | 5     | PM    | 151.44 | 757.20  |
| 40        | Supply instation testing and commissioning main switch etc all   |       |       |        | 0.00    |
| 41        | B-do-32amp ICDP main switch  | 1     | each  | 851.58 | 851.58  |
| 42        | 200mmx250 mm x60mm deep (1.24.16) for fixing 32amp ICDP main switch  | 1     | each  | 205.57 | 205.57  |
| 43        | 250mmx3000 mm x60mm deep (1.24.16) for fixing 64amp ICDP main switc  | 1     | each  | 260.37 | 260.37  |
| 44        | s/f B series sp MCB Box lighying and etc all   | 1     | each  | 127.56 | 127.56  |
| 45        | s/f B series sp (MCB Box 250v)lighying and etc all   | 1     | each  | 848.90 | 848.90  |
| 46        | 8watt CFL Imp,   | 4     | each  | 606.09 | 2424.20 |
| 47        | Holder BK angle  | 4     | each  | 14.68  | 58.72   |
| 48        | soldering of GI wire   | 1     | PM    | 47.68  | 47.68   |
| 49        | 18-25 led tube light Fitting including bulb  | 4     | each  | 688.00 | 2752.00 |
| 50        | Fan regulator in existing switch board etc all.  | 2     | each  | 280.82 | 561.64  |
| 51        | Supply instation testing and commissioning 10watt led bulb etc all.  |       |       |        | 502.74  |
| 52        | Fitting and fixing of ceiling fan  | 3     | each  | 167.58 | 502.74  |
|           |  | 2     | each  | 220.00 | 440.00  |
| 53        | Wiring for circuit / sub main wiring alongwith earth wire with following sizes of PVC insulated single core multistrand 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         | -do-2x2.5sqmm +1x1.5sqmm ( 1.8.2 )   | 30    | Mtr.  | 134.00 | 4021.80 |
| b         | -do- 2x4sqmm +1x1.5sqmm ( 1.8.3 )  | 20    | Mtr.  | 151.44 | 3028.80 |

**6,24,949.00**

My quoted rate is (infigure) \_\_\_\_\_%(inwords) \_\_\_\_\_% excess  
over/less than/equal to the above estimated cost.

**Signature of Contractor**

Sold for the work  
on payment of Rs.

( Rupees

*(Signature)* only towards cost of

**CDM & PHO, Balasore**

*(Signature)*

**TENDER SCHEDULE**  
( BILL OF QUANTITY )

| Name of work-                    |  | Construction of HWC Sc at Kalyani under Bahanga Block |       |                |                     |
|----------------------------------|--|---|-------|----------------|---------------------|
| Estimated Cost-                  |  | Rs- 6.25 Lakh   |       |                |                     |
| Estt to be Deposited-            |  | 1% of the Estimated cost                              |       |                |                     |
| Cost of tender paper with VAT 4% |  | Rs- 4500.00   |       |                |                     |
| Date of sale of Tender           |  |   |       |                |                     |
| Date of Receipt of Tender        |  |   |       |                |                     |
| Date of opening of Tender        |  |   |       |                |                     |
| Time of completion               |  |   |       |                |                     |
| Class of Contractor              |  | "D" & "C" Class                                       |       |                |                     |
| Sl. No.                          | DESCRIPTION OF ITEMS   | No. of Qty  | UNIT  | Estimated Rate | AMOUNT<br>in Ruppes |
|                                  |  |   |       | Figure         |                     |
| 1                                | Excavation work in excavation of foundation in hard soil with all leads and lifts including dressing and levelling the bed and depositing the excavated earth at place away from work site with all complete as per specification and direction of the Engineer-in-charge.   | 0.15  | Cum   | 178.60         | 32.37               |
| 2                                | Settling filling in foundation and plinth with fine coarse sand of approved quality in layer not exceeding 23.5 cm (5') free from organic and vegetation materials, well watered and rammed including all complete as per the specification and direction of the Engineer-in-charge (Measurement will be taken on finished completed section only).  | 0.07  | Cum   | 595.90         | 44.27               |
| 3                                | Concrete of proportion (1:4:8) in foundation and plinth using 4cm size clean hard hand broken granite metal of complete as per specification and direction of the Engineer-in-charge.  | 0.05  | Cum   | 4173.70        | 202.18              |
| 4                                | Reinforcement work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing, hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including covering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all conveyance, royalty taxes of all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge. |   |       |                |                     |
|                                  | b) for plinth beam   | 0.05  | 1 Cum | 4783.00        | 234.51              |
|                                  | c) for Column & Beam in superstructure   | 0.66  | 1 Cum | 4783.00        | 3156.78             |
|                                  | d) for Lintel  | 3.90  | 1 Cum | 10558.50       | 41178.15            |
|                                  | e) for Chhaja  | 1.21  | 1 Cum | 8456.10        | 10231.88            |
|                                  | f) for Roof slab   | 4.55  | 1 Sqm | 782.50         | 3560.38             |
|                                  |  | 1.95  | 1 Cum | 10067.30       | 19631.24            |
|                                  |  | 5.13  | 1 Cum | 9039.80        | 46374.17            |

*(Handwritten signature)*

|    |  |        |        |         |          |
|----|--|--------|--------|---------|----------|
| 5  | 250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge. <b>In Superstructure)</b> | 16.11  | 1 Cum  | 4294.70 | 69187.62 |
| 7  | Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer in-charge.  | 11.98  | 1 Qtl. | 6160.90 | 73807.58 |
| 8  | 12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 219.99 | 1 Sqm  | 140.10  | 28820.70 |
| 9  | 16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 112.70 | 1sqm   | 199.70  | 22506.19 |
| 10 | Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in- charge.  | 64.62  | 1 Cum  | 155.10  | 10072.56 |
| 11 | Fixing vetrified tiles of coloured/printed series(homogenous) in floors, treads or steps and landing on 25mm thick bed of cement mortar (1:1) (1cement:1sand) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tiles per 1sqm .   | 70.23  | 1 Sqm  | 968.30  | 68006.03 |
| 12 | Providing and fixing Glazed tile in dado,skirting riser of steps on 12 mm thick cement plaster 1:3 jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complet including cost of precast tiles, all materials,labour,t&p,all taxes of materials etc complete as per instruction of Architect and Engineer in-charge.   | 7.75   | 1 Sqm  | 705.00  | 5463.75  |
| 13 | Providing fixing glazed floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T &P etc. complete   | 7.21   | 1 Sqm  | 723.60  | 5217.16  |
| 14 | Providing for fitting & fixing <b>M.S. grill</b> as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles complete as per specification and direction of the Engincer-in-charge.  | 233.75 | kg     | 59.74   | 13964.23 |
| 15 | Providing for fitting & fixing <b>M.S. door</b> as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles and direction of the Engineer-in-charge.   | 411.00 | kg     | 131.07  | 53868.82 |
| 16 | Priming one coat with approved Water Bound wall cement on plastered Surface including cost of all materials etc complete as per specification and direction of the Engineer-in-charge.   | 397.31 | 1 Sqm  | 58.10   | 23083.71 |

20/08/20-30

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|           |   |        |       |          |          |
|-----------|---|--------|-------|----------|----------|
| 17        | Distemping two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. in all respect as per the specification & direction of the Engineer in charge.  | 177.32 | 1 Sqm | 64.50    | 11437.03 |
| 18        | Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the Engineer in-charge.  | 224.54 | 1 Sqm | 73.30    | 16459.14 |
| 19        | Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the Engineer-in-charge.  | 22.01  | 1 Sqm | 191.20   | 5355.39  |
| <b>PH</b> |   |        |       |          |          |
| 20        | Factory made FRP(alternately called GRP) door frame of size 75mmx100mm fabricated using E-glass Chopped Strand Mat (CSM) U.V stabilised Inophthalic Gelcoat and impregnated with Inophthalic resin. complete in all respect as per specification and direction of the E.I.C.<br>3 x (2.10+2.10+0.75)=   | 14.25  | mtr   | 351.69   | 5011.58  |
| 21        | Factory made single leaf rigid FRP(alternately called GRP) sandwich composite door shutter of 32mm thick laminated with two GRP skins with wood grain(ISI marked) size 100mm are to be fitted on one side of shutter.<br>3 x 2.05 x 0.0.70=   | 4.30   | Sqm   | 2,250.00 | 9675.00  |
| 22        | Supplying all materials, labour T&P and fixing water closet, (Orissa pattern squatting pan) duly embedded in c.c. (1:5:10) using 4cm h.g. metal all complete as per direction of E.I.C.<br>(583x440)mm Orissa pan (Neycer/Cerra/ Parry ware/ Hindware)  | 1.00   | Nos   | 2,717.80 | 2717.80  |
| 23        | Supplying all materials, labour T&P and fixing Wash Down Water Closet(European type W.C. pan) with Integral 'S' or 'P' trap to the floor with wooden plug and C.P.screws including jointing the trap with soil pipe in C.M.(1:1) etc. all complete as per specification & direction of E.I.C.<br>E.W.C. with 'S' trap plain(Neycer/Cerra/ Parrywear/ Hindware)      | 1.00   | Nos   | 2,283.00 | 2283.00  |
| 24        | Supplying all materials, labour, T&P fitting and fixing Plastic Seat and cover for E.W.C. with chromium plated brass hinges and rubber buffers all complete as per specification and direction of E.I.C.(Neycer/Cerra/ Parrywear/ Hindware)   | 1.00   | Nos   | 611.60   | 611.60   |
| 25        | Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to walls with nails, bobbins and wooden plugs or laying in trenches including e.w. in excavation in all kinds of soil and refilling of trenches as per direction of E.I.C.<br>110 mm dia U-PVC Pipes (4 Kgf/Cm2) | 10.50  | mtr   | 203.30   | 2134.65  |
|           | 110 mm dia U-PVC P' Trap  | 4.00   | Nos   | 299.70   | 1198.80  |
|           | 110 mm dia U-PVC Door Tee   | 3.00   | Nos   | 296.70   | 890.10   |
|           | 110 mm dia U-PVC Door Cross Tee   | 2.00   | Nos   | 350.30   | 700.60   |
|           | 110 mm dia U-PVC Door Bend  | 4.00   | Nos   | 204.70   | 818.80   |
|           | 110 mm dia U-PVC Plain Tee  | 4.00   | Nos   | 147.00   | 588.00   |
|           | 110 mm dia U-PVC Offset   | 1.00   | Nos   | 268.00   | 268.00   |
|           | 110 mm dia U-PVC Cowl   | 4.00   | Nos   | 180.50   | 722.00   |
|           | 125 mm dia C.P.grating  | 2.00   | Nos   | 77.30    | 309.20   |
|           | 75 mm dia U-PVC Pipes (4 Kgf/Cm2)   | 6.00   | mtr   | 67.50    | 135.00   |
|           | 75 mm dia U-PVC Door bend   | 4.00   | Nos   | 122.90   | 491.60   |
|           | 75 mm dia U-PVC Plain bend  | 3.00   | Nos   | 93.00    | 279.00   |
| 26        | Supplying all materials, labour T&P and fixing wash basins with hole for pillar taps with C.I./M.S brackets painted white including holes in walls and making good the damages etc. all complete as per P.H specification and direction of E.I.C.   |        |       |          |          |

Done & No. (20)

(2)

|    |  |                                      |                                 |  |   |
|----|--|--------------------------------------|---------------------------------|--|---|
|    | 550mm x 400mm WHB with all Fittings.with C.P. Waste, PVC Waste Pipe & PVC connection Pipe (Neycer/Cerra/ Parry ware/ Hindware)   | 1.00                                 | Nos                             | 2,139.90                                     | 2139.90   |
| 27 | Supplying all materials, labour T&P and fixing mirror of superior glass mounted on 6mm thick plywood sheet and fixed to wooden plugs with C.P screws and washers complete as per P.H specification and direction of E.I.C<br>600mm x 450mm B.E. Mirror (fixed type)  | 1.00                                 | Nos                             | 681.90                                       | 681.90  |
| 28 | Supplying all materials, labour T&P and fixing standard size C.P. towel rail / ring complete with c.p. brass brackets fixed to wooden plugs with c.p screws as per P.H specification and direction of E.I.C.<br>C.P. Towel Ring  | 1.00                                 | Nos                             | 427.20                                       | 427.20  |
| 29 | Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C<br>C.P. Soap Holder   | 3.00                                 | Nos                             | 262.40                                       | 787.20  |
| 30 | Supplying all , labour T&P and fitting, fixing of standard size Glass shelf with CP brass bracket and guard rails complete fixed to wooden plugs with CP screw as per specification and direction of E.I.C<br>450x125mm size Plate Acrylic Shelf   | 1.00                                 | Nos                             | 776.70                                       | 776.70  |
| 31 | Supplying all materials, labour T&P and cutting holes through brick/stone masonry walls for taking PVC pipes and fittings including making good the damages etc. all complete as per P.H. specification and direction of E.I.C<br>250 mm thick wall  | 5.00                                 | Nos                             | 170.30                                       | 851.50  |
| 32 | 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-40/80) 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 E.I.C<br>25 mm dia PVC [ASTM] Pipe [Internal]<br>15 mm dia PVC [ASTM] Pipe[Internal]<br>25 mm dia PVC [ASTM] Pipe [External]<br>32 mm dia PVC [ASTM] Pipe[External ]<br>32 mm dia PVC [ASTM] Pipe[External including E/W]  | 8.00<br>7.00<br>8.00<br>8.00<br>5.00 | Mtr<br>Mtr<br>Mtr<br>Mtr<br>Mtr | 138.60<br>91.70<br>86.40<br>113.70<br>152.34 | 1168.80<br>641.90<br>691.20<br>909.60<br>761.70 |
| 33 | Supplying all materials, labour, T&P and cutting holes through brick/stone masonry works including making good the damages in c.m. (1:4) for taking P.V.C. pipes & fittings etc. all complete as per P.H. specification and direction of E.I.C   | 4.00                                 | Nos                             | 45.10  | 180.40  |
| 34 | Supplying all materials, labour, T&P and fitting & fixing brass /C.P. fittings of the following nominal bore with supply of all jointing materials etc. complete as per P.H. specification and direction of E.I.C<br>15 mm dia C .P.S.B. Bib Cock [Jaquar]<br>15 mm dia C .P Angle Stop Cock[Jaquar]<br>15 mm dia C .P Pillar Cock[Jaquar]<br>15 mm dia C .P Extension Piece   | 2.00<br>3.00<br>1.00<br>2.00         | Nos<br>Nos<br>Nos<br>Nos        | 814.40<br>705.30<br>1,000.70<br>58.70        | 1628.80<br>2115.90<br>1000.70<br>117.40         |
| 35 | Supplying all materials, labour T&P and fitting & 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/Hindware/Parrywear] | 2.00                                 | Nos                             | 1,535.90                                     | 3071.80   |

2024/10 (30)

(4)

|           |   |       |  |          |         |
|-----------|---|-------|--|----------|---------|
|           | Fitting and fixing of PVC door including all labour and material etc co   | 2     |  | 2,500.00 | 5000.00 |
| 36        | Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe with watering and ramming, removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.L.C  |       |  |          |         |
|           | 110 mm dia U-PVC Pipe Sewerage line with all round encasing ( IS-4985/2000- 4 Kgf/Cm2)  | 5.25  |  | 939.50   | 4932.38 |
| <b>EI</b> |   |       |  |          |         |
| 37        | Recessed wiring to light point and exhaust fan point with 1.5sqm FR PVC insulated single core multistandard copper conductor of ISI mark 20mm dia non metallic PVC flexible conduct with 5AMP, 250V, pinio type switch make ETC as per direction of engineer in charge                    |       |  |          |         |
|           | .....do..... Group A (1.2.1-1.24.2)   | Point |  | 287.85   | 1151.4  |
|           | .....do..... Group B (1.2.1-1.24.2)   | Point |  | 498.73   | 1994.92 |
|           | .....do..... Group C(1.2.1-1.24.2)  | Point |  | 762.34   | 3049.36 |
|           | Recessed wiring with fan point Group-B  | Point |  | 498.73   | 1994.92 |
| 38        | S/F of metal box pf 150mmx75mmx60mm deep(Nominal size) etc all  | each  |  | 192.84   | 385.68  |
| 39        | S/F of 5amp switch and 5 amp socket outlet etc all  | each  |  | 83.14    | 332.56  |
| 40        | S/F of metal box pf 180mmx100mmx60mm deep(Nominal size) etc all   | each  |  | 263.88   | 527.76  |
| 41        | PVC insulated single core multistandard copper conductor of ISI mark (ISI mark to Hevels, V guard L&T Finolex)  |       |  |          |         |
|           | .....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)   | PM    |  | 120.11   | 1201.1  |
|           | .....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)   | PM    |  | 134.06   | 1072.48 |
|           | .....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)   | PM    |  | 151.44   | 757.2   |
| 42        | Supply instation testing and commissioning main switch etc all B-do-32amp ICDP main switch  | each  |  | 851.58   | 851.58  |
| 43        | 200mmx250 mm x60mm deep (1.24.16) for fixing 32amp ICDP main switc  | each  |  | 205.57   | 205.57  |
| 44        | 250mmx3000 mm x60mm deep (1.24.16) for fixing 64amp ICDP main switc   | each  |  | 260.37   | 260.37  |
| 45        | s/f B series sp MCB Box lighying and etc all  | each  |  | 127.56   | 127.56  |
| 46        | s/f B series sp MCB Box (250v)lighying and etc all  | each  |  | 848.9    | 848.9   |
| 47        | 8watt CFL Imp,  | each  |  | 606.05   | 2424.2  |
| 48        | Holder BK angle   | each  |  | 14.68    | 58.72   |
| 49        | soldering of GI wire  | PM    |  | 47.68    | 47.68   |
| 50        | 18-25 led tube light Fitting including bulb   | each  |  | 688      | 2752    |
| 51        | Fan regulator in existing switch board etc all.   | each  |  | 280.82   | 561.64  |
| 52        | Supply instation testing and commissioning 10watt led bulb etc all.   | each  |  | 167.58   | 502.74  |
| 53        | Fitting and fixing of ceilling fan  | each  |  | 2200     | 4400    |
| 54        | Wiring for circuit / sub main wiring alongwith earth wire with following sizes of PVC insulated single core multistrand copper conductor dia non metallic heavy duty flexible conduit 1.6mm in recessed PVC conduit as required ( Make of wire- Finolex/ L & T /Apr box - Havels/V-guard) |       |  |          |         |
| a         | -do- 2x2.5sqmm +1x1.5sqmm ( 1.8.2 )   | Mtr.  |  | 134.06   | 5094.28 |
| b         | -do- 2x4sqmm +1x1.5sqmm ( 1.8.3 )   | Mtr.  |  | 151.44   | 3028.80 |

Rs. 6,24,859.00

My quoted rate is (infigure) \_\_\_\_\_ % (inwords) \_\_\_\_\_ % excess over/less than/equal to the above estimated cost.

**Signature of Contractor**

Sold for the work .....  
on payment of Rs. \_\_\_\_\_ (Rupees)

only towards cost of tender paper vide

CDM & PHO, Balasore

Date of work (30)