

GOVERNMENT OF ODISHHA



ଓଡ଼ିଶା ସରକାର

Panchayati Raj & Drinking Water
Department

Panchayat Samiti Lathikata

BID DOCUMENT FOR

Name of the work: - Construction of Subcentre (HWC) building at Nuagaon of Lathikata Block under OMBADC for the year 2022-23.

Block Lathikata

Scheme OMBADC

Tender cost Rs. 3898302.00 /-

Bill of Quantity (BOQ)

Construction of Subcentre (HWC) building at Nuagaon of Lathikata Block under OMBADC for the year 2022-23.

| Sl. No | Item | Quantity | Unit | Rate | Amount |
|--------|--|----------|------|----------|-----------|
| | Civil work | | | | |
| 1 | Earth work in excavation of foundation in hard soil or gravelly soil including dressing and leveling the bed. initial leads and lifts as per the direction of Engineer-in-charge. | 90.99 | Cum | 199.60 | 18161.61 |
| 2 | Supplying & filling foundation and plinth with sand well watered and rammed including cost, cost of all labour, carriage, royalty, taxes, T&P etc complete as per the direction of Engineer-in-charge. | 107.04 | Cum | 367.50 | 39337.20 |
| 3 | Cement Concrete (1:3:6) using 40mm size hard granite C.B. metal approved quality from approved quarry including hoisting laying using concrete mixture and vibrators including cost, carriage, royalty, cost of all labour T&P etc complete as per the direction of Engineer-in-charge. | 22.64 | Cum | 4391.50 | 99423.56 |
| 4 | C.C. (1:2:4) with 12mm and down grade C.B. chips approved quality from approved quarry including hoisting, laying hire charges of concrete mixture, vibrator, watering, curing and including cost, carriage, royalty, cost of all labour T.&P. etc complete as per the direction of Engineer-in-charge. | 4.15 | Cum | 5763.00 | 23916.45 |
| 5 | R.C.C. M-20 grade with 20mm and down grade C.B. chips including hoisting, laying hire charges of concrete mixture, vibrator, watering, curing and cost of all materials and labour, T&P centering shuttering etc complete but cost of reinforcement complete as per the direction of Engineer-in-charge. | | | | |
| 5.1 | Column base and footing | 14.97 | Cum | 4721.20 | 70676.37 |
| 5.2 | Plinth band (Grade beam) | 6.23 | Cum | 5080.60 | 31652.14 |
| 5.3 | Lintel (Ground Floor) | 2.77 | Cum | 8313.50 | 23028.40 |
| 5.4 | Lintel (First Floor) | 1.82 | Cum | 9152.30 | 16657.19 |
| 5.5 | Chajja (Ground Floor) | 7.14 | Sqm | 777.50 | 5551.35 |
| 5.6 | Chajja (First Floor) | 6.36 | Sqm | 879.30 | 5592.35 |
| 5.7 | Column in Superstructure, Beam (Ground Floor) | 9.32 | Cum | 10615.90 | 98940.19 |
| 5.8 | Column in Superstructure, Beam (First Floor) | 9.34 | Cum | 11914.70 | 111283.30 |
| 5.9 | Column in Superstructure, Beam (Second Floor) | 2.54 | Cum | 13467.70 | 34207.96 |
| 5.10 | Roof slab (Ground Floor) | 12.26 | Cum | 8936.10 | 109556.59 |
| 5.11 | Roof slab (First Floor) | 9.94 | Cum | 9898.50 | 98391.09 |
| 5.12 | Roof slab (Second Floor) | 1.92 | Cum | 11049.30 | 21214.66 |
| 5.13 | Staircase (Ground Floor) | 2.11 | Cum | 10137.20 | 21389.50 |
| 5.14 | Staircase (First Floor) | 2.11 | Cum | 11506.30 | 24278.30 |
| 5.15 | Fin (Ground Floor) | 20.05 | Sqm | 1522.70 | 30530.14 |
| 5.16 | Fin (First Floor) | 11.11 | Sqm | 1714.80 | 19051.43 |




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| 6 | Providing M.S. reinforcement for R.C.C. work including cutting, bending, binding and tying the grills and placing in position including cost of binding wire 18 to 20 gauge and cost and carriage of steelas per the direction of Engineer-in-charge. | | | | |
| 6.1 | Ground Floor | 54.20 | Qntl | 8959.10 | 485583.22 |
| 6.2 | First Floor | 24.74 | Qntl | 8983.90 | 222261.69 |
| 6.3 | Second Floor | 4.65 | Qntl | 9010.00 | 41896.50 |
| 7 | Brick work with Fly Ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm ² with dimensional tolerance ± 2 percent in cement mortar (1:6) in Foundation & Plinth including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of Engineer-in-charge. | 28.41 | Cum | 4189.10 | 119012.34 |
| 8 | Brick work with Fly Ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm ² with dimensional tolerance ± 2 percent in cement mortar (1:6) in Superstructure including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of Engineer-in-charge. | | | | |
| 8.1 | (i) Ground Floor | 36.37 | Cum | 4222.10 | 153557.78 |
| 8.2 | (ii) First Floor | 25.10 | Cum | 4542.90 | 114026.79 |
| 8.3 | (iii) Second Floor | 11.47 | Cum | 4863.30 | 55782.06 |
| 9 | Brick work with Fly Ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm ² with dimensional tolerance ± 2 percent in cement mortar (1:4) in Superstructure including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of Engineer-in-charge. | | | | |
| 9.1 | Ground Floor | 5.42 | Cum | 4426.00 | 23988.92 |
| 9.2 | First Floor | 6.96 | Cum | 4748.90 | 33052.35 |
| 10 | Supplying M.S Door made out with ms flat , angle of approved design & specification including cost of all materials cost of manufacture, cost of one coat of primer, all taxes T&P etc complete as per the direction of Engineer-in-charge. | 616.50 | Kgs | 72.70 | 44819.55 |
| 11 | Supplying M.S Window made out with ms flat , angle of approved design & specification including cost of all materials cost of manufacture, cost of one coat of primer, all taxes T&P etc complete as per the direction of Engineer-in-charge. | 967.50 | Kgs | 76.80 | 74304.00 |
| 12 | Labour charge for fitting ,fixing of M.S door,window, grill , Gate including all cost etc complete as per the direction of Engineer-in-charge. | 39.08 | Sqm | 68.10 | 2661.35 |

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| 13 | 12mm thick C.P. in C.M.(1:6) over brick masonry to the smooth surface including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of Engineer-in-charge. | | | | |
| 13.1 | Ground Floor | | | | |
| 13.2 | First Floor | 559.17 | Sqm | 142.50 | 79681.73 |
| 13.3 | Second Floor | 441.32 | Sqm | 145.90 | 64388.59 |
| | | 124.42 | Sqm | 149.50 | 18600.79 |
| 14 | 6 mm thick cement plaster (1:4) to RCC surfaces finished smooth including closed deep chipping and slury treatment , watering, curing cost, carriage, royalty, and taxes of all materials, cost of all labour, T&P etc complete as per the direction of E.I.C. | | | | |
| 14.1 | Ground Floor | | | | |
| 14.2 | First Floor | 84.30 | Sqm | 160.10 | 13496.43 |
| 14.3 | Second Floor | 68.31 | Sqm | 164.20 | 11216.51 |
| | | 9.76 | Sqm | 168.30 | 1642.61 |
| 15 | Supplying, fitting and fixing Vetrified tile in floors treads or steps and landing on 20mm thick cement mortar (1:4) 1cement:4 course sand and filling joints with white cement of approved quality including cost of all materials, labour T&P etc. required for the work all complete as per direction of Engineer-in-charge. | | | | |
| 15.1 | Ground Floor | 92.33 | Sqm | 954.10 | 88092.06 |
| 15.2 | First Floor | 69.39 | Sqm | 964.30 | 66912.78 |
| 16 | Supplying, fitting and fixing Glazed tile in floors treads or steps and landing on 20mm thick cement mortar (1:4) 1cement:4 course sand and filling joints with white cement of approved quality including cost of all materials, labour T&P etc. required for the work all complete as per direction of Engineer-in-charge. | | | | |
| 16.1 | Ground Floor | 7.62 | Sqm | 688.90 | 5249.42 |
| 16.2 | First Floor | 5.23 | Sqm | 699.10 | 3656.30 |
| 17 | Supplying, fitting and fixing Granite tile in floors treads or steps and landing of size 30cmx30cm / 40cm x 40cm (special plain/printed series ceramic wall tiles) of approved make conforming to IS 13755 on 20mm thick cement mortar (1:4) 1cement:4 course sand and filling joints with white cement of approved quality including cost of all materials, labour T&P etc. required for the work all complete as per direction of Engineer-in-charge. | | | | |
| 17.1 | Ground Floor | 4.46 | Sqm | 1510.20 | 6735.50 |
| 17.2 | First Floor | 2.42 | Sqm | 1520.40 | 3679.37 |
| 18 | Fixing Granite tiles (Above 0.10 Sqm. to 0.40 Sqm) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including cost of tiles. | | | | |
| 18.1 | Ground Floor | 0.74 | Sqm | 1946.70 | 1440.56 |
| 18.2 | First Floor | 0.40 | Sqm | 1978.60 | 791.44 |



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| 19 | Supplying, fitting, fixing of Vetrified tiles of size 600mm x 600mm Coloured /Printed series (Homogeneous) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including all costs complete as per the direction of Engineer-in-charge. | | | | |
| 19.1 | Ground Floor | 6.81 | Sqm | 1061.40 | 7228.14 |
| 19.2 | First Floor | 17.00 | Sqm | 1076.80 | 18305.60 |
| 20 | Fixing Glazed tiles (20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including all costs complete as per the direction of Engineer-in-charge. | | | | |
| 20.1 | Ground Floor | 118.23 | Sqm | 755.00 | 89263.65 |
| 20.2 | First Floor | 22.62 | Sqm | 770.40 | 17426.45 |
| 21 | Providing fitting, fixing of Aluminium door with anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member with frame section as 9221 by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No. 1855 including all cost of labour, T&P, hire charges of drilling machine, labour charges etc. complete as per the direction of Engineer-in-charge. | 104.13 | Kgs | 468.80 | 48816.14 |
| 22 | Providing and fitting of (12 mm thick) Pre-laminated Board Standard Type (ISI) in Aluminium frame of doors including cost of all materials, labour T&P etc complete as per the direction of Engineer-in-charge. | 8.46 | Sqm | 744.80 | 6301.00 |
| 23 | Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778 as windows frame, section no. 4095, 4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&P etc. complete as per direction of Engineer-in-charge. | 20.01 | Kgs | 618.10 | 12368.18 |
| 24 | Providing and fitting of glass pane (5 mm thick black Glass) for sliding windows and ventilators including cost of all materials, labour T&P etc complete as per the direction of Engineer in charge. | 4.38 | Sqm | 689.40 | 3019.57 |
| 25 | Dressed seasoned sal wood (50mm. to 150mm. & above 2.75m. long.) work framed and fixed (wrought and put up) in trusses, purlins, frames of doors, windows, ventilators and beams | 0.39 | Cum | 53436.60 | 20840.28 |
| 26 | 32mm thick piasal wood or local teak wood fully glazed shutters complete with iron fitting and wooden hinged cleats etc., fitted and fixed in position including all labour, but excluding the cost of glass panes and iron fittings | 11.74 | Sqm | 2975.80 | 34935.90 |

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| 27 | 20mm thick grading plaster (1:4) in finished smooth over roof slab after cleaning the surface including watering, curing complete with cost, conveyance, royalties and taxes of all materials and cost of all labour, T&P required for the work as directed by the Engineer-in-charge. | | | | |
| 27.1 | Ground Floor | 15.66 | Sqm | 224.70 | 3518.81 |
| 27.2 | First Floor | 94.44 | Sqm | 229.80 | 21702.32 |
| 27.3 | Second Floor | 15.41 | Sqm | 235.10 | 3622.90 |
| 28 | Painting 2 coats with any approved paint in new iron works including sand papering, polishing surfaces, cost of paints, cost of all labour, T&P, etc complete in all floors as per direction of Engg-in charge. | | | | |
| 28.1 | Ground Floor | 52.35 | Sqm | 140.30 | 7344.71 |
| 28.2 | First Floor | 45.34 | Sqm | 146.40 | 6637.78 |
| 28.3 | Second Floor | 4.39 | Sqm | 152.80 | 670.80 |
| 29 | Priming 1 coat with wall primer (water bond) of any approved shade including all costs complete as per the direction of Engineer-in-charge. | | | | |
| 29.1 | Ground Floor | 518.43 | Sqm | 61.00 | 31624.23 |
| 29.2 | First Floor | | | | |
| | Inside wall | 312.22 | Sqm | 62.50 | 19513.75 |
| | Outside wall | 157.79 | Sqm | 63.50 | 10019.67 |
| 29.3 | Second Floor | | | | |
| | outer plaster | 62.29 | Sqm | 64.10 | 3992.79 |
| | Inside wall | 71.89 | Sqm | 65.20 | 4687.23 |
| 30 | Finishing plastered surface of wall surface with Acrylic wall putty (Water based) & making smooth to receive painting including cost of scaffolding etc. with cost of all materials, labour T&P etc complete as per the direction of Engineer-in charge. | | | | |
| 30.1 | Ground Floor | 324.80 | Sqm | 74.50 | 24197.60 |
| 30.2 | First Floor | 312.22 | Sqm | 75.90 | 23697.50 |
| 30.3 | Second Floor | 62.29 | Sqm | 77.30 | 4815.02 |
| 31 | Distemping 2 coats to walls with distemper of approved shade on new work to give an even shade including cost of distemper and labour, T & P. etc complete. | | | | |
| 31.1 | Ground Floor | 324.80 | Sqm | 66.30 | 21534.24 |
| 31.2 | First Floor | 312.22 | Sqm | 67.90 | 21199.74 |
| 31.3 | Second Floor | 62.29 | Sqm | 69.50 | 4329.16 |
| 32 | Finishing to the exposed surfaces of wall with weather coat of any approved shade on new work 2 coats over 1 coat of primer to give an even shade including cost of weather coat all cost of all labours and T&P etc complete as per the direction of Engineer-in-charge. | | | | |
| 32.1 | Ground Floor | 193.63 | Sqm | 74.10 | 14347.99 |
| 32.2 | First Floor | 157.79 | Sqm | 76.90 | 12134.06 |
| 32.3 | Second Floor | 71.89 | Sqm | 79.80 | 5736.83 |

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| 33 | Supplying, fitting and fixing of stainless steel of 304 grade in hand railing using 50 mm dia of 2 mm thick circular pipe with Balustrade of size 32 mm x 32mm x 2mm @ 0.90 mtr C/C and stainless square pipe bracing of size case as per approved design and specification, buffing, polishing etc. with the cost, conveyance taxes of all material, cost of all labour etc. complete in all respect. (in all floor) | 190.68 | Kgs | 335.10 | 63896.86 |
| 34 | Hydraulic Excavator of 1 cum bucket 1nos | 10.00 | Hr | 730.43 | 7304.30 |
| 35 | Tractor 2nos 12 hour each | 20.00 | Hr | 200.87 | 4017.40 |
| | P.H Work | | | | |
| 36 | Supplying all labour, T&P for earth work in excavation in all kinds of soil within initial lead of 50m and 1.50m initial lift including rough dressing and breaking clods to minimum 5cm to 7 cm and laying in layers not exceeding 0.30cm in depth as per specification complete as per the direction of Engineer-in charge. | 14.40 | Cum | 199.60 | 2874.24 |
| 37 | Supplying all materials, labour, T&P for filling in foundation and plinth with sand well watered and rammed including cost, all taxes & royalty of all materials and conveyance of all materials to work site etc. complete as per the direction of Engineer-in-charge. | 1.44 | Cum | 367.50 | 529.20 |
| 38 | Supplying all materials, labour, T&P for cement concrete (1:3:6) with 4cm. hard granite metal including cost, all taxes & royalty of all materials, curing and conveyance of materials to the work site etc. complete as per the direction of Engineer-in-charge. | 1.44 | Cum | 4391.50 | 6323.76 |
| 39 | Supplying all materials, labour, T&P for cement concrete (1:2:4) with 12cm. hard granite chips including cost, all taxes & royalty of all materials, curing and conveyance of materials to the work site etc. complete as per the direction of Engineer-in-charge. | 0.72 | Cum | 5763.00 | 4149.36 |
| 40 | Brick work with Fly Ash bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm ² with dimensional tolerance ± 2 percent in cement mortar (1:6) in Foundation and Plinth including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of E.I.C. | 4.84 | Cum | 4189.10 | 20275.24 |
| 41 | Supplying all materials, labour, T&P for 12mm thick cement plaster (1:4) over brick work including cement punning including cost all taxes, royalty of all materials, curing and conveyance of materials to the work site etc. all complete as per the direction of Engineer-in-charge. | 37.31 | Sqm | 193.20 | 7208.29 |



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| 42 | R.C.C. M-20 grade with 20mm and down grade C.B. chips including hoisting, laying hire charges of concrete mixture, vibrator, watering, curing and cost of all materials and labour, T&P centering shuttering etc complete but cost of reinforcement complete as per the direction of Engineer-in-charge. | 0.89 | Cum | 8936.10 | 7953.13 |
| 43 | Providing M.S. reinforcement for R.C.C. work including cutting, bending, binding and tying the grills and placing in position including cost of binding wire 18 to 20 gauge and cost and carriage of steel as per the direction of Engineer-in-charge. | 0.68 | Qntl | 8959.10 | 6092.19 |
| 44 | Construction of 1.20 m dia and 2.00 m deep soak pit as per the direction of Engineer-in-charge. | 2.00 | Nos | 16221.20 | 32442.40 |
| 45 | Construction of Inspection Chamber of Inside size 0.60 m x 0.60 m x 0.60 m deep with RCC Cover slab as per the direction of Engineer-in-charge. | 2.00 | Nos | 6938.20 | 13876.40 |
| 46 | Fixing Wash down water closet (European type W.C) with intigral ' S ' or ' P ' trap confirming to IS 2556:Part 8-2004 to the floor with wooden plug and chromium plated screws including jointing the trap with soil pipe in cement mortar (1: 1) etc all complete as per spcification | | | | |
| 46.1 | White vitreous china Wash down water closet (EWC) | 2.00 | Nos | 5234.10 | 10468.20 |
| 47 | Supplying all materials, labour, T&P and fixing vitreous china water closet, squatting pan (Indian type W.C pan/Orissa pattern squatting pan) duly embedded in cement concrete (1:5:10) using 4cm size hard granite metal including fixing a pair of vitreous china 250mm x 130mm x30mm footrest, fixing 100mm dia HCl 'p' or 's' trap (with/without 50mm dia horn) for water colset squatting pan including jointing the trap with pan in cement mortar (1:1) cutting the floor and mending good the damages , cost & conveyance of all materials to worksite, payment of royalty , taxes etc. all complete as per P.H specification and direction of the Engineer-in-charge. | | | | |
| 47.1 | 580mm size Orissa pan (Hindware/Parryware/Neycer make) | 3.00 | Nos | 2439.80 | 7319.40 |
| 48 | Providing and Fixing PVC Low level flushing cistern with manually controlled device (hand lever) confirming to IS: 7231,with all fittings and fixtures etc, all complete as per specification. | | | | |
| 48.1 | 10.00 ltrs capacity Low level flushing cistern-White | 5.00 | Nos | 1697.80 | 8489.00 |
| 49 | Fixing of Brass Screw -Down Bib Cocks (Tap) Polished bright confirming to IS:781-1995 of the following nominal sizes as per specification complete. | | | | |
| 49.1 | 15 mm dia C.P. Brass Short Body Bib Cock | 5.00 | Nos | 672.10 | 3360.50 |
| 49.2 | 15 mm dia C.P. Brass Long Body Bib Cock (Jaguar make) | 4.00 | Nos | 1033.50 | 4134.00 |

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| 49.3 | 15 mm dia two way Bib Cock | 3.00 | Nos | 1853.60 | 5560.80 |
| 49.4 | 15 mm diameter long handle elbow operated bib cock | 1.00 | Nos | 1482.50 | 1482.50 |
| 49.5 | 15 mm diameter Pillar cock | 3.00 | Nos | 696.90 | 2090.70 |
| 49.6 | Health Faucet with CP tube | 5.00 | Nos | 1582.80 | 7914.00 |
| 50 | Fixing of Brass or C.P screw down stop cocks/ concealed stop cock/ angle stop cocks confirming to IS: 781-1995 of the following nominal sizes as per specification complete. | | | | |
| 50.1 | 15 mm dia Brass Screw- down Stop Cock | 15.00 | Nos | 656.00 | 9840.00 |
| 50.2 | 125mm CP grating | 6.00 | Nos | 72.90 | 437.40 |
| 51 | Fixing Wash Basins with hole for Pillar Taps confirming to IS 2556:Part 4-2004 with Cast Iron or M.S brackets painted white including cutting holes in walls and making good the damages etc all complete as per specification. | | | | |
| 51.1 | Vitreous China flat back Wash Hand Basin of size 550 mm x 400 mm | 3.00 | Nos | 2897.30 | 8691.90 |
| 52 | Supplying all materials, labour, T&P and fixing of Stainless Steel Kitchen sink 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 PH specification as per the direction of Engineer-in-charge. | | | | |
| 52.1 | Stainless sink 510mm x 600mm x 225mm | 3.00 | Nos | 4033.80 | 12101.40 |
| 53 | Fixing Rational moulded Polyethylene cylindrical vertical water storage tanks confirming to IS:12701--1996 including cutting holes through the tank and fixing mild steel tubes and fittings and providing extra socket ,jam nut, fixing ball valves etc including hoisting upto a height of 5 mtr above ground level and placing the tank to the required position etc all complete as per specification and direction of Engineer-in- Charge. | | | | |
| 53.1 | 2000 litres capacity PVC water storage tank | 1.00 | Nos | 30300.00 | 30300.00 |
| 54 | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) Pipes confirming to IS: 15778 having thermal stability for hot & cold water supply, including all CPVC plain & brass threader fittings, fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints etc as per direction of Engineer in Charge. | | | | |
| 54.1 | 25 mm nominal outer dia pipe | 25.00 | Mtrs | 265.50 | 6637.50 |
| 55 | Providing and fixing to wall or ceiling and floor Chlorinated Polyvinyl Chloride (CPVC) Pipes confirming to IS: 15778 of the following nominal bore with clamp including making good the damages to wall ,ceiling & floor etc complete as per specification as per direction of Engineer in Charge. | | | | |
| 55.1 | 20 mm nominal outer dia pipe | 10.00 | Mtrs | 227.10 | 2271.00 |
| 55.2 | 25 mm nominal outer dia pipe | 35.00 | Mtrs | 302.00 | 10570.00 |
| 56 | Fixing of UPVC Ball Valve (Horizontal plunger type) confirming to IS: 1703-1977 as per specification & direction of Engineer-in-charge | | | | |

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| 56.1 | 25 mm dia | 2.00 | Nos | 624.50 | 1249.00 |
| 57 | Providing and laying in trenches PVC pipe (4Kg/cm ²) as sewer line and alinging to requisite gradients inside the trench, jointing with solvent cement with 0.08m sand filling in bed , 0.10m C.C (1:4:8) using 40 mm size hbg metal in bed & for intermediate pillar including lowering the pipes to the bed of trench, Earthwork in excavation in all kind of soil ,Filling the trenches with excavated earth with watering and ramming and removal of surplus earth, testing of sewer line etc. complete as per the direction of Engineer.in charge. | | | | |
| 57.1 | 75 mm PVC Pipe | 10.00 | Mtrs | 843.90 | 8439.00 |
| 57.2 | 110 mm PVC Pipe | 10.00 | Mtrs | 885.10 | 8851.00 |
| 58 | Supplying all materials, labour, T&P and fitting and fixing U-PVC, SWR soil waste ventilating pipes and fitting of the following outside diameter conforming to 13592/1992 to walls with nails bobbins and wooden plugs or laying in trenches including with supply of approved rubber lubricant by non-heat application method as per manufactures specification testing earth work in excavation in all kinds of soil and refilling of trenches all complete as per specification and direction of Engineer.in charge. | | | | |
| 58.1 | 110 mm U-PVC Pipe | 5.00 | Mtrs | 284.20 | 1421.00 |
| 58.2 | 110 mm U-PVC 'P' trap | 2.00 | Each | 294.20 | 588.40 |
| 58.3 | 110 mm U-PVC door bend | 2.00 | Each | 302.10 | 604.20 |
| 58.4 | 110 mm U-PVC Plain bend | 10.00 | Each | 287.10 | 2871.00 |
| 58.5 | 110 mm U-PVC Cowl | 2.00 | Each | 77.30 | 154.60 |
| 58.6 | 110 mm U-PVC Coupler | 8.00 | Each | 130.30 | 1042.40 |
| 58.7 | 75 mm U-PVC door bend | 4.00 | Each | 207.90 | 831.60 |
| 58.8 | 75 mm U-PVC Plain bend | 8.00 | Each | 163.80 | 1310.40 |
| 58.9 | 75 mm U-PVC Coupler | 8.00 | Each | 97.60 | 780.80 |
| 59 | Fixing 15 mm dia PVC inlet connection pipe and making connection with pillar cocks and supply main for wash basin complete as per specification. & direction of Engineer-in-charge. | | | | |
| 59.1 | 15mm dia | 7.00 | Nos | 195.40 | 1367.80 |
| 60 | Fixing PVC Waste Pipe of the following diameter for sink or wash basin including brass check nut complete as per specification & direction of Engineer-in-charge. | | | | |
| 60.1 | 32mm dia | 7.00 | Nos | 174.50 | 1221.50 |
| 61 | Fixing chromium plated Brass waste of the following nominal diameter for wash basin and sink as per specification & direction of Engineer-in-charge. | | | | |
| 61.1 | 32mm dia | 4.00 | Nos | 409.70 | 1638.80 |

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| 62 | Cutting holes through existing brick work including making good the same in cement mortar (1: 4) for taking G.I / P.V.C pipes and fittings all complete as per specification & direction of Engineer-in-charge. | | | | |
| 62.1 | 250 mm thick wall | 18.00 | Nos | 49.60 | 892.80 |
| 62.2 | 375 mm thick wall | 10.00 | Nos | 74.30 | 743.00 |
| 63 | Cutting groves in pucca floor and walls for taking G.I/PVC pipes and making good the damages as per specification etc all complete as per the direction of Engineer-in-charge. | 30.00 | Mtrs | 182.90 | 5487.00 |
| Borewell | | | | | |
| 64 | Labour for drilling of perfectly vertical bore hole of specified dia for a specified depth below ground level through consolidated and un-consolidated rock with down the hole hammer drilling rigs of combination drilling rigs required to suit the site conditions as per the direction of Engineer-in-charge including supply of rigs with its accessories, T&P & consumable etc. for lowering 125mm dia PVC pipes for housing fitted with socket and with or without well screens as per the necessity for the soft medium and hard formation PVC pipe casing pipes if required to prevent collapse of the over burden is to be provided by the contractor including lowering and with drawing after completion of the Tube Well as per the direction of Engineer in charge. | | | | |
| 64.1 | Drilling of 150mm dia 0.00 mtr. 40.00 mtr. | 40.00 | Mtr | 680.00 | 27200.00 |
| 64.2 | Drilling of 125mm dia 40.00 mtr. 105.00 mtr. | 65.00 | Mtr | 560.00 | 36400.00 |
| 65 | Lowering the following size PVC pipe with or without slotted pipes as per the necessity from 0 mtr. up to 30 mtr. depth, fitted & fixed up in perfectly vertical position, including cutting & threading pipe & slotted pipe & supplying & fixing all jointing materials T&P etc. complete & keeping the top of the casing pipe threaded including plugging Tube Wells to prevent entry of foreign matters from above as per the direction of Engineer-in-charge. | | | | |
| 65.1 | Lowering of 150 mm dia PVC Pipe | 30.00 | Mtr | 121.00 | 3630.00 |
| 65.2 | Cost of 150mm dia PVC Pipe (Sch-80) | 30.00 | Mtr | 1143.00 | 34290.00 |
| 66 | Cleaning and developing the tubewell with their own compressor continuously worked till clear and adeequate discharge is obtained from the tubewell including supply and use of all necessary equipments and labours as per the direction of Engineer-in-charge. | 1.00 | Each | 3622.00 | 3622.00 |



| | | | | | |
|------|---|--------|------|----------|----------|
| 67 | Supplying all materials, labour, T&P and providing, fitting and fixing submersible pump with squirrel cage induction type submersible type submersible electric motor to run on 3phase/ 1 phase line voltage ranging from 320 volt to 450 volt conforming to IS: 8034/89 with following specifications with suitable control panel, jointing with GI/PVC/HDPE pipes, electrification, testing, commissioning, trial running, conveyance of all materials to worksite, payment of taxes etc. all complete as per specification and direction of the Engineer-in-charge (Texmo/Crompton Greaves/Kirloskar make) | | | | |
| 67.1 | 1H.P Single Phase vertical water cool submersible pump set with discharge 1800/2200 12 stage head range of 70/90 mtr with discharge capacity with outlet dia 25mm | 1.00 | Each | 19737.20 | 19737.20 |
| 67.2 | DOL Control Panel | 1.00 | Each | 3060.30 | 3060.30 |
| 67.3 | Well Cap | 1.00 | Each | 204.02 | 204.02 |
| 67.4 | 40mm dia steel short piece | 2.00 | Each | 204.02 | 408.04 |
| 67.5 | 50mm size CI bracket | 1.00 | Pair | 121.20 | 121.20 |
| 67.6 | 2.5mm sq.mm Flat Cable | 120.00 | Mtr | 114.00 | 13680.00 |
| 67.7 | 25mm dia PVC Pipe | 57.00 | Mtr | 186.00 | 10602.00 |
| 67.8 | Labour Charges for lowering including transportation | 1.00 | Each | 3500.00 | 3500.00 |
| 67.9 | Steel rope with cover | 100.00 | Mtr | 35.70 | 3570.00 |
| | E.I work | | | | |
| 68 | Recessed wiring to light point / fan point / exhaust fan point / call bell point with 1.5 sq.mm FR PVC S.C. Cu wire & 1.5 mm ² S.C. Cu FR wire as running earth in 20mm non metallic PVC flexible pipe with 5A modular type switch & c.rose mounted on MS box with front bakelite cover including all accessories and connection as per direction of Engineer in Charge. | | | | |
| 68.1 | Group (A) | 19.00 | Nos | 546.00 | 10374.00 |
| 68.2 | Group (B) | 38.00 | Nos | 770.00 | 29260.00 |
| 68.3 | Group (C) | 11.00 | Nos | 1051.00 | 11561.00 |
| 69 | - do - 5A plug point with - do- | 6.00 | Nos | 642.00 | 3852.00 |
| 70 | - do - 5A plug point with - do- on existing board | 19.00 | Nos | 262.00 | 4978.00 |
| 71 | S/F of 15A switch and socket (Modular type) | 6.00 | Nos | 625.00 | 3750.00 |
| 72 | Recessed wiring to submain of following sizes of PVC S.C Cu. Wire -do- | | | | |
| 72.1 | 2x1.5mm ² + 1x1.5mm ² | 160.00 | Mtrs | 130.00 | 20800.00 |
| 72.2 | 2x2.5mm ² + 1x1.5mm ² | 240.00 | Mtrs | 144.00 | 34560.00 |
| 72.3 | 2x4.0mm ² + 1x2.5mm ² | 140.00 | Mtrs | 161.00 | 22540.00 |
| 73 | S/F of BK angle holder | 25.00 | Nos | 60.00 | 1500.00 |
| 74 | S/F of 1 x 20watt LED tube light fitting box type | 20.00 | Nos | 1011.00 | 20220.00 |
| 75 | S/F of superior type call bell | 3.00 | Nos | 150.00 | 450.00 |
| 76 | S/F of 48" AC ceiling fans complete (Usha /bajaj /Hevels) | 11.00 | Nos | 2310.00 | 25410.00 |
| 77 | S/F of 5 step electronic fan regulator (Modular type) | 11.00 | Nos | 540.00 | 5940.00 |
| 78 | S/F of 18" Exhaust Fan (Usha /bajaj /Hevels) | 7.00 | Nos | 3850.00 | 26950.00 |
| 79 | S/F of 63 Amp DP main switch | 1.00 | Nos | 2050.00 | 2050.00 |

| | | | | | |
|--------------------------------------|---|-----------------------------|-----|--|---------|
| 80 | S/F of double door 4 way MCB DB with 6 nos of 32 amp SP MCB | 1.00 | Nos | 3200.00 | 3200.00 |
| 81 | S/F of 15 watt LED bulb | 20.00 | Nos | 280.00 | 5600.00 |
| 82 | S/F of 45 watt street light | 2.00 | Nos | 4500.00 | 9000.00 |
| 83 | S/F of general earthing as per govt. specification | 2.00 | Nos | 2487.00 | 4974.00 |
| | | | | 38,98,302.00 | |
| Total 83 (Eighty Three) items | | Total Estimated Cost | | (Rupees Thirty Eight Lakh Ninety Eight Thousand Three Hundred Two) Only | |

My quoted rate is % (both
figure & word) Excess over / Less than / Equal to above estimated cost.

Note

- 1 The Contractor should not write anything except quoting of percentage and incase of anything regarding tender.
- 2 Strick out which are not applicable.

Total :- 83 (Eighty Three) Items only

No. of correction :-

No.of overwriting :-

No. of Interpolation :-

Approved for 83 (Eighty Three) Items only

Full signature of the Contractor with date.


 Block Development Officer
 Lathikata Block