

BOQ**Development of UPHC DAV MAC for the year 2022-23 under 15th F.C (Poly Clinic)**

| Sl. No. | Item | Quantity | Unit | Rate | Amount |
|----------------|--|-----------------|-------------|-------------|---------------|
| 1 | Dismantling and removing marble chips flooring including stacking the useful materials for reuse and removing the debris within 50m lead | 90.24 | Sqm | 93.60 | 8446.47 |
| 2 | Earth work in excavation of foundation hard soil or gavelly soil including dressing and levelling the bed within initial leads and lifts as per direction of Engineer-in-charge. | 34.24 | Cum | 199.60 | 6834.31 |
| 3 | Supplying & filling foundation and plinth with sand well watered and rammed including cost of all materials, T&P etc complete. | 87.93 | Cum | 296.30 | 26053.66 |
| 4 | Cement Concrete (1:3:6) using 40mm size hard granite C.B metal including hoisting laying using concrete mixture and vibrators including cost of all materials labour T.&P. etc complete and as directed by Engineer - in - charge. | 11.29 | Cum | 4289.10 | 48423.94 |
| 5 | 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 and as directed by E.I.C. | 0.99 | Cum | 5667.00 | 5610.33 |
| 6 | 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 E.I.C. | 2.15 | Cum | 4169.20 | 8963.78 |
| 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 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 E.I.C. | 1.76 | Cum | 4202.20 | 7395.88 |
| 8 | 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 E.I.C. | 24.02 | Sqm | 141.40 | 3396.43 |
| 9 | Supplying, fitting and fixing Fixing Vetrified tile in floors laid on 25mm thick cement mortar (1:1) 1cement:1 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. | 83.85 | Sqm | 1321.50 | 110887.07 |
| 10 | Fixing Vitrified tiles (size 600mmx600mm) (Plain) 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 cost, carriage, cost of all labour etc. complete. | 33.88 | Sqm | 791.60 | 26819.41 |

| | | | | | |
|----|---|--------|-----|--------|----------|
| 11 | 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. | 87.50 | Sqm | 140.30 | 12276.25 |
| 12 | 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. | 476.16 | Sqm | 93.70 | 44616.20 |
| 13 | Priming 1 coat with wall primer (water bond) of any approved shade including all costs complete as per the direction of Engineer-in charge. | 500.19 | Sqm | 61.00 | 30511.59 |
| 14 | Wall painting 2 coats with plastic emulsion paint of approved shade on new work to give an even shade including cost of paint etc complete. | 476.16 | Sqm | 79.80 | 37997.57 |
| 15 | Finishing to the exposed surfaces of wall with weather coat of any approved shade on new work 2 coats to give an even shade including cost of weather coat all cost of all labours and T&P etc. complete . | 24.02 | Sqm | 74.10 | 1779.89 |
| 16 | Supplying , fitting & Fixing of cement concrete coloured hexagonal paver inter locking blocks 80 mm thick and 250 mm inscribed circle diametre(0.382 Sqft area) machine mixed and compacted have crushing strength not less than M-15 including cost of all materials, labour T&P,taxes and transportation etc complete as per the direction of Engineer in charge. | 26.95 | Sqm | 725.90 | 19563.01 |
| 17 | Supplying, fitting and fixing Glazed tile in floors of size 30cmx30cm / 40cm x 40cm (special plain/printed series ceramic wall tiles) of approved make conforming to IS 13755 laid 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. | 7.32 | Sqm | 683.70 | 5004.69 |
| 18 | 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. | 49.26 | Sqm | 642.60 | 31654.48 |
| 19 | 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. | 59.50 | Kgs | 468.80 | 27893.60 |

| | | | | | |
|-------|--|--------|-----|----------|-----------|
| 20 | Providing and fixing of wall case/wall almirah made with BWR ply wood (ISI) with laminate both side including all type of fittings such as handle, lock magnet, chain, channel, screw, blot & nuts etc. jointing finishing to a flush bonded with adhesive etc. complete as per direction of the department. | 10.41 | Sqm | 12661.40 | 131805.18 |
| 21 | Providing colour ,Painting of branding of HWC | 42.00 | Sft | 63.50 | 2667.00 |
| 22 | 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 taxeses of all material, cost of all labour etc. complete in all respect. (in all floor) | 167.48 | Kgs | 335.10 | 56122.54 |
| | PH Work | | | | |
| 23 | 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. | 1.00 | Nos | 6938.20 | 6938.20 |
| 24 | 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 | | | | |
| (i) | White vitreous china Wash down water closet (EWC) | 1.00 | Nos | 5234.10 | 5234.10 |
| 25 | 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. | | | | |
| (i) | 580mm size Orissa pan (Hindware/Parryware/Neycer make) | 1.00 | Nos | 2439.80 | 2439.80 |
| 26 | 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. | | | | |
| (i) | 10.00 ltrs capacity Low level flushing cistern-White | 2.00 | Nos | 1697.80 | 3395.60 |
| 27 | Fixing of Brass Screw -Down Bib Cocks (Tap) Polished bright confirming to IS:781-1995 of the following nominal sizes as per specification complete. | | | | |
| (i) | 15 mm dia C.P. Brass Short Body Bib Cock | 6.00 | Nos | 672.10 | 4032.60 |
| (ii) | 15 mm dia C.P. Brass Long Body Bib Cock (Jaguar make) | 2.00 | Nos | 1033.50 | 2067.00 |
| (iii) | 15 mm dia two way Bib Cock | 2.00 | Nos | 1853.60 | 3707.20 |
| (iv) | 15 mm diameter long handle elbow operated bib cock | 2.00 | Nos | 1482.50 | 2965.00 |
| (v) | 15 mm diameter Pillar cock | 6.00 | Nos | 696.90 | 4181.40 |
| (vi) | Health Faucet with CP tube | 2.00 | Nos | 1582.80 | 3165.60 |

| | | | | | |
|-------------|--|-------|------|----------|----------|
| 28 | 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. | | | | |
| (i) | 15 mm dia Brass Screw- down Stop Cock | 2.00 | Nos | 656.00 | 1312.00 |
| (ii) | 125mm CP grating | 6.00 | Nos | 72.90 | 437.40 |
| 7 | 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. | | | | |
| (i) | Vitreous China flat back Wash Hand Basin of size 550 mm x 400 mm | 2.00 | Nos | 2897.30 | 5794.60 |
| 29 | 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. | | | | |
| (i) | Stainless sink 510mm x 600mm x 225mm | 2.00 | Nos | 4033.80 | 8067.60 |
| 30 | Fixing Rational moulded Polythylene 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. | | | | |
| (i) | 2000 litres capacity PVC water storage tank | 1.00 | Nos | 30300.00 | 30300.00 |
| 31 | 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. | | | | |
| (i) | 25 mm nominal outer dia pipe | 20.00 | Mtrs | 265.50 | 5310.00 |
| 32 | Providing and fixing to wall or celing 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 ,celling & floor etc complete as per specification as per direction of Engineer in Charge. | | | | |
| (i) | 20 mm nominal outer dia pipe | 10.00 | Mtrs | 227.10 | 2271.00 |
| (ii) | 25 mm nominal outer dia pipe | 25.00 | Mtrs | 302.00 | 7550.00 |
| 33 | Fixing of UPVC Ball Valve (Horizontal plunger type) confirming to IS: 1703-1977 as per specification & direction of Engineer-in-charge | | | | |
| (i) | 25 mm dia | 2.00 | Nos | 624.50 | 1249.00 |

| | | | | | |
|---------------|---|-------|------|--------|---------|
| 34 | 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 intermidiate 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. | | | | |
| (i) | 75 mm PVC Pipe | 7.00 | Mtrs | 843.90 | 5907.30 |
| (ii) | 110 mm PVC Pipe | 5.00 | Mtrs | 885.10 | 4425.50 |
| 35 | 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. | | | | |
| (i) | 110 mm U-PVC Pipe | 4.00 | Mtrs | 284.20 | 1136.80 |
| (ii) | 110 mm U-PVC 'P' trap | 2.00 | Each | 294.20 | 588.40 |
| (iii) | 110 mm U-PVC door bend | 2.00 | Each | 302.10 | 604.20 |
| (iv) | 110 mm U-PVC Plain bend | 6.00 | Each | 287.10 | 1722.60 |
| (v) | 110 mm U-PVC Cowl | 2.00 | Each | 77.30 | 154.60 |
| (vi) | 110 mm U-PVC Coupler | 8.00 | Each | 130.30 | 1042.40 |
| (vii) | 75 mm U-PVC door bend | 4.00 | Each | 207.90 | 831.60 |
| (viii) | 75 mm U-PVC Plain bend | 4.00 | Each | 163.80 | 655.20 |
| (ix) | 75 mm U-PVC Coupler | 4.00 | Each | 97.60 | 390.40 |
| 36 | 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. | | | | |
| (i) | 15mm dia | 2.00 | Nos | 195.40 | 390.80 |
| 37 | 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. | | | | |
| (i) | 32mm dia | 2.00 | Nos | 174.50 | 349.00 |
| 38 | Fixing chromium plated Brass waste of the following nominal diameter for wash basin and sink as per specification & direction of Engineer-in-charge. | | | | |
| (i) | 32mm dia | 2.00 | Nos | 409.70 | 819.40 |
| 39 | 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. | | | | |
| (i) | 250 mm thick wall | 6.00 | Nos | 49.60 | 297.60 |
| (ii) | 375 mm thick wall | 4.00 | Nos | 74.30 | 297.20 |
| 40 | 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. | 10.00 | Mtrs | 182.90 | 1829.00 |

| | | | | | |
|-----------------------|---|-------|------|--|---------|
| | E.I Work | | | | |
| 41 | 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. | | | | |
| | Group (A) | 12.00 | Nos | 546.00 | 6552.00 |
| | Group (B) | 8.00 | Nos | 770.00 | 6160.00 |
| | Group (C) | 5.00 | Nos | 1051.00 | 5255.00 |
| 42 | - do - 5A plug point with - do- | 4.00 | Nos | 642.00 | 2568.00 |
| 43 | - do - 5A plug point with - do- on existing board | 5.00 | Nos | 262.00 | 1310.00 |
| 44 | S/F of 15A switch and socket (Modular type) | 6.00 | Nos | 625.00 | 3750.00 |
| 15 | Recessed wiring to submain of following sizes of PVC S.C Cu. Wire - do- | | | | |
| | 2x1.5mm ² + 1x1.5mm ² | 54.38 | Mtrs | 130.00 | 7068.75 |
| | 2x2.5mm ² + 1x1.5mm ² | 55.00 | Mtrs | 144.00 | 7920.00 |
| | 2x4.0mm ² + 1x2.5mm ² | 55.00 | Mtrs | 161.00 | 8855.00 |
| 46 | S/F of BK angle holder | 5.00 | Nos | 60.00 | 300.00 |
| 47 | S/F of 5 step electronic fan regulator (Modular type) | 4.00 | Nos | 540.00 | 2160.00 |
| 48 | S/F of 18" Exhaust Fan (Usha /bajaj /Hevels) | 2.00 | Nos | 3850.00 | 7700.00 |
| 49 | S/F of 63 Amp DP main switch | 1.00 | Nos | 2050.00 | 2050.00 |
| 50 | S/F of double door 4 way MCB DB with 6 nos of 32 amp SP MCB | 1.00 | Nos | 3200.00 | 3200.00 |
| 51 | S/F of general earthing as per govt. specification | 2.00 | Nos | 2487.00 | 4974.00 |
| | GST aplicable | | | | |
| Total 51 items | | | | 846406.00 | |
| | | | | Rupees (Eight Lakh Forty Six Thousand Four Hundred Six) Only | |

My / Our 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 :- 51 (Fifty One) Items only

No. of correction :-

No.of overwriting :-

No. of Interpolation :-

Approved for 51 (Fifty One) Items only

Full signature of the Contractor with date.

Chief District Medical & Public Health Officer
cum District Mission Director Sundargarh