SCHEDULE OF WORK - CIVIL

Name of work : Repair, Operation & maintenance of BARC Townships at Mysuru. SH: Day-to-day Civil Maintenance, including cleaning of water tank & sewer line, rendering services of manpower including materials and Providing housekeeping, sanitation and cosmetic maintenance services by deployment of sweepers/unskilled labourers and supervisors including garbage collection, transportation and disposal, road sweeping, toilet cleaning and upkeep of common areas. Annual Repairs and Maintenance of IEI and fans, DG set, Substation equipments, Street lights, Split AC units etc. for residential colonies of BARC (for 1 year) (Package – II).

Sl. No.	Description	Qty.	Unit	Rate	Amount
SH: I	**Day-to-day Civil Maintenance, including cleaning of water tank & sewer line, rendering services of manpower including materials,etc.**				
1	Clearing grass and removal of the rubbish by deploying excavator/JCB or other suitable machinery, collecting and removing the cleared material, debris and rubbish, and disposing of the same up to a lead of 10km outside the periphery of the area cleared, complete as directed by the Engineer-in-Charge	23705.00	Sqm	10.40	246532.00
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
2.1	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	10.00	Cum	9159.07	91591.00
2.2	1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)	10.00	Cum	7578.14	75781.00
3	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:				
3.1	1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources).	25.00	Cum	9903.91	247598.00
4	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	200.00	Sqm	1474.04	294808.00
5	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick :				
5.1	Fly proof stainless steel grade 304 wire gauge with 0.42 mm dia. wire and 1.4mm wide aperture with matching wood beading	35.00	Sqm	2093.10	73259.00
6	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:				
6.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	50.00	Sqm	2781.55	139078.00
6.2	25 mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws	30.00	Sqm	2434.01	73020.00
7	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
7.1	In gratings, frames, guard bar, ladder, railings, brackets, gates , **MS windows** and similar works	300.00	Kg	200.65	60195.00
8	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.	90.00	Sqm	1546.18	139156.00
9	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.				

Sl. No.	Description	Qty.	Unit	Rate	Amount
9.1	One coat.	4000.00	Sqm	106.95	427800.00
10	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
10.1	One or more coats on old work	1200.00	Sqm	119.51	143412.00
11	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 metres lead :				
11.1	With cement mortar 1:4 (1cement: 4 coarse sand)	130.00	Sqm	651.60	84708.00
12	Renewing glass panes, with wooden fillets wherever necessary:				
12.1	Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm)	100.00	Sqm	1837.86	183786.00
13	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.	300.00	Sqm	393.23	117969.00
	Note: - This item to be used for maintenance work judicially, necessary deduction for scaffolding in the existing item to be done.				
14	Cleaning of terrace/loft water storage tank (inside surface area) upto 5000 litre capacity at all heights with coconut brushes, duster etc., removal of silt, rubbish from the tank and cleaning the tank with fresh water disinfecting with bleaching powder @ 0.5gm per litre capacity of tank including marking the date of cleaning on the side of tank body with the help of stencil and paint and disposing of malba all complete as per direction of Engineer-in-Charge. **(The old date already written on tank should be removed with paint remover or black paint and if date is not written with the stencil or old date is not removed deduction will be made @ Rs. 0.10 per litre) (if during cleaning any GI fittings or ball cock is damaged that is to be repaired by contractor at his own cost and nothing extra will be paid on this account) (Prior to commencement of the cleaning work, the contractor shall issue a written notice/intimation to all residents of the concerned block regarding the proposed cleaning schedule and likely interruption of water supply. No extra payment shall be made on this account.)**	877735.00	Litre	0.58	509086.00
15	Cleaning and desilting of gully trap chamber, including removal of rubbish mixed with earth etc. and disposal of same, all as per the direction of Engineer-in-charge.	1400.00	Each	125.90	176260.00
16	Cleaning of chocked sewer line by diesel running vehicle mounting hydraulic operated high pressure suction cum jetting sewer cleaning machine fitted with pump having 4000 litres suction capacity and 6000 litres water jetting tank capacity including skilled operator, supervising engineer etc. for cleaning, desilting of manhole and dechocking of sewer lines. Dechocking and flushing of sewer line from one manhole to another by high pressure jetting system of 2200 PSI for sewer line from 150mm dia upto 300mm dia for all depth.	1760.00	Metre	396.14	697206.00
17	Cleaning of under ground sump, Over Head R.C.C. Tank (independent staging) including disposal of slit and rubbish, all as per direction of Engineer-in-Charge. The cleaning shall consist following operations:- (i) Tank shall be emptied of water by pumping & bottom shall be cleaned of silt and other deposits. (ii) Entire surface area of the sump shall then scrubbed thoroughly with wire brush etc. and pressure washed with water. (iii) Chlorination of RCC internal surface by liquid chlorine. (iv) The treated surface shall be dried using air jetting and all loose particles shall be removal from the surface. (v) Finally the surface shall be treated with ultraviolet radiation etc. as per direction of Engineer-in-Charge.	2500.00	Sqm	98.64	246600.00
18	Dismantling W.C. Pan of all sizes,washbasin kitchen sink (SS/Vitrious China) / including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in- Charge.	40.00	Each	155.90	6236.00

Sl. No.	Description	Qty.	Unit	Rate	Amount
19	Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge.	35.00	Each	498.85	17460.00
20	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
20.1	Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix) i/c sunken concrete.	25.00	Cum	1748.00	43700.00
21	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
21.1	Of area 3 sq. metres and below	50.00	Each	426.88	21344.00
22	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
22.1	For thickness of tiles 10 mm to 25 mm	300.00	Sqm	85.33	25599.00
23	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to Outside Campus or approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead upto 15 km for all leads including all lifts involved.	180.00	Cum	306.85	55233.00
24	Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like consisting of : (i) Ist course of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface. (ii) IInd course of 20 mm cement plaster 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface. (iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7 kg. per sqm of area. (iv) IVth course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 kg/sqm).	90.00	Sqm	894.69	80522.00
25	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/ window/ Ceosetory windows & other Frames/ Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/ wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm2, modulus of elasticity 900 N/mm2 and resistance to spread of flame of Class A category with property of being termite/ borer proof, water/ moisture proof and fire retardant and fixed in position with M.S hold fast/ lugs/ SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge.				
25.1	(M.S hold fast/ lugs or SS dash fasteners shall be paid for separately). Note: For WPC solid door/ window frames, minus 5mm tolerance in dimensions i.e depth and width of profile shall be acceptable. Variationin profile dimensions on plus side shall be acceptable but no extra payment on this account shall be made.				
25.1.1	Frame size 45 x 85 mm	90.00	Meter	1076.92	96923.00
26	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/ wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm2, modulus of elasticity 850 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/ moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge.				
	(Note: stainless steel butt hinges and necessary S.S screws shall be paid separately)				
26.1	30 mm thick	45.00	Sqm	5053.21	227394.00
	NON SCHEDULE ITEMS				

Sl. No.	Description	Qty.	Unit	Rate	Amount
27	Removing Honey Combs at all heights / any level with complete safety measures including necessary scaffolding / jhula arrangements as per direction of Enginer -in charge.	25.00	Each	2076.41	51910.00
28	Cleaning the Existing tile work in Walls and Floors including with Acid and cleaning Water supply & Sanitary fittings with required cleaning agents in order to remove the stains and pointing the Joints of Tiles with White Cement as directed by the Engineer in charge.**(The item shall be measured only for the actual area requiring cleaning, as determined from pre-measurements recorded prior to execution of the work.)**	2200.00	Sqm	74.51	163916.00
29	Filling of cracks in Masonry walls, RCC slabs, with crack filler material of ' **Dr. Fixit- " crack - X Shrink Free**" including opening / widening of cracks with special tools like chissels , groove cutting machines. etc, to receive the crack filler materials up to a depth of minium depth of 5 mm and 5 mm wide including scrapping and cleaning the surface and applying the paint with matching colour and shade removal of debries etc all as directed y the Engineer in Charge.**(Measurement shall be recorded only for the actual length and width of cracks treated, based on pre-measurements taken prior to commencement of the work.)**	260.00	Meter	125.70	32682.00
30	Cleaning and removal of algae, fungus, moss, and other biological growth from external walls, parapets, chajjas, and similar exposed surfaces, including cleaning of terraces, rainwater pipe (RWP) inlets, and chajjas of accumulated leaves, debris, and other deposits. The work shall include preparation of surfaces for painting by thorough cleaning using water jet and pump systems, scraping, brushing, and all associated operations. The scope shall also include providing necessary jhulas, ropes, ladders, minor scaffolding (where required), and all safety measures complete, as directed by the Engineer-in-Charge. **(The item shall be measured only for the actual area affected by algae/fungus growth and for the terrace and chajja areas requiring removal of accumulated leaves, debris, and other deposits, as determined from pre-measurements recorded prior to execution of the work.)**	4500.00	Sqm	10.40	46800
31	Providing **Service Center Assistant** for recording the complaints and attending routine works of services center including attending Online/Offline/phone complaints including dress code etc as directed by the Engineer-in-charge . "The rate quoted shall be deemed to include all conveyance charges for transportation of from Mysore City to BARC townships and vice versa. Nothing extra shall be paid on this account"**(1 Comp. Assistant * 12 months = 12 months)**	12.00	One month	33580.00	402960.00
32	Providing services of **plumber** attending day to day complaints as directed by the Engineer-in-charge . Necessary Dress, T&P required for repairing & fittings, ladder, safety belts, Jula and rope, etc required for repairing has to be arranged by the Contractor to work up to floor. "The rate quoted shall be deemed to include all conveyance charges for transportation of materials/manpower from Mysore City to BARC townships and vice versa. Nothing extra shall be paid on this account". **(2 Plumber * 12 months = 24 months)(1 Plumber for Yelwal township+1 Plumber for Kuvempunagar and Lakshipuram township)**	24.00	One month	33580.00	805920.00
33	Providing services of **Sewer Man** for attending day to day complaints, cleaning of manholes, spun pipes , etc , as directed by the Engineer-in-charge . Necessary Dress, T&P required for repairing & fittings, ladder saftey belts, Jula, hand gloves, hand wash liquid, masks and rope, etc required for repairing has to be arranged by the Contractor to work up to floor five level. "The rate quoted shall be deemed to include all conveyance charges for transportation of materials/manpower from Mysore City to BARC townships and vice versa. Nothing extra shall be paid on this account"**(2 Sewer Man * 12 months = 24 months)(1 Sewer Man for Yelwal township+1 Sewer Man for Kuvempunagar and Lakshipuram township)**	24.00	One month	28577.00	685848.00
34	Providing services of **Unskilled worker(Beldar)** for attending day to day complaints, and assisting the plumber, carpenter, sewerman and performing various other works pertains to the day to day maintenance as directed by the Engineer-in-charge with Necessary Dress, T&P required for repairingn fittings, ladder saftey belts, Jula and rope, etc required for repairing has to be arranged by the Contractor to work up to floor five level."The rate quoted shall be deemed to include all conveyance charges for transportation of materials/manpower from Mysore City to BARC townships and vice versa. Nothing extra shall be paid on this account" **(4 Beldar * 12 months = 48 months)(2 Beldar for Yelwal township+2 Beldar for Kuvempunagar and Lakshipuram township)**	48.00	One month	25338.00	1216224.00

Sl. No.	Description	Qty.	Unit	Rate	Amount
35	Providing services of **Mason** for attending day to day complaints as directed by the Engineer-in-charge . Necessary Dress, T&P required for repairing & fittings, ladder saftey belts, Jula and rope, etc required for repairing has to be arranged by the Contractor to work up to floor five level. "The rate quoted shall be deemed to include all conveyance charges for transportation of materials/manpower from Mysore City to BARC townships and vice versa. Nothing extra shall be paid on this account"	170.00	per day	1291.53	219561.00
36	Providing services of **Carpenter** for attending day to day complaints as directed by the Engineer-in-charge . Necessary Dress, T&P required for repairing & fittings, ladder saftey belts, Jula and rope, etc required for repairing has to be arranged by the Contractor to work up to floor five level."The rate quoted shall be deemed to include all conveyance charges for transportation of materials/manpower from Mysore City to BARC townships and vice versa. Nothing extra shall be paid on this account". **(2 Carpenter * 12 months = 24 months)(1 Carpenter for Yelwal township+1 Carpenter for Kuvempunagar and Lakshipuram township)**	24.00	One month	33580.00	805920.00
37	**Sub Head 2 : Supply of following materials as per CPWD specifications /ISI marked of approved make for day to day maintenance**				
37.1	Supply of materials for plumber attending day to day complaints including minor fittings like spindal, washers, cpvc/pvc adhessives, MS/SS Nails/Screws, M Seal, Teflon tape, white cement, pvc/cpvc adopter(MTA), health faucet brackets, GI Ex nipple, plugs etc of required sizes & brands as directed by the Engineer-in-charge .	24.00	One month	3865.00	92760.00
37.2	Supply of materials for Carpenter/Mason for attending day to day complaints including minor fittings like fevicol, MS/SS Nails/Screws, M Seal, Teflon tape, hinges, concrete nails, lappa, L-clamps, concrete bit etc of required sizes & brands as directed by the Engineer-in-charge .	24.00	One month	3865.00	92760.00
37.3	Supply of materials for sewerman/unskilled workers for attending day to day complaints including plunger/unblocker, caustic soda, Drain Cleaning Spring Wire Waste Pipe Unblocker etc of required sizes & brands as directed by the Engineer-in-charge .	24.00	One month	3365.00	80760.00
37.4	SS curtain rod 20 mm dia 1.20 mm thick	80.00	Metre	185.60	14848.00
37.5	Stainless steel SS grade 304, brackets (curtain rod) 25 mm dia 1.20mm thick	80.00	Each	81.30	6504.00
37.6	Stainless Steel Butt hinges				
37.6.1	100x60x2.50 mm	80.00	Each	46.70	3736.00
37.7	Aluminium Sliding door bolt 250x16mm	80.00	Each	176.10	14088.00
37.8	Aluminium tower bolts				
37.8.1	250x10mm	80.00	Each	68.40	5472.00
37.8.2	150x10mm	80.00	Each	43.40	3472.00
37.9	Aluminium Handles				
37.9.1	125 mm	80.00	Each	45.40	3632.00
37.10	Twin rubber stopper	80.00	Each	59.60	4768.00
37.11	White Vitreous China pedestal type water closet (European type W.C. pan)	30.00	Each	1463.10	43893.00
37.12	Flushing Cistern P.V.C. 10 lts capacity (low level) (White) (with fittings, accessories and flush pipe)	30.00	Each	841.30	25239.00
37.13	White solid plastic seat with lid for pedestal type W.C. pan	50.00	Each	611.00	30550.00
37.14	White Vitreous China Flat back wash basin size 550x 400 mm	30.00	Each	750.60	22518.00
37.15	C.P. brass waste coupling 32 mm for Washbasin	30.00	Each	127.30	3819.00
37.16	Flexible P.V.C. waste pipe 32mm diameter for sink or wash basin including P.V.C. waste fittings	50.00	Each	51.50	2575.00
37.17	Mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame				
37.17.1	Rectangular shape 453x357 mm	30.00	Each	415.90	12477.00
37.18	Chlorinated Polyvinyl Chloride (CPVC) pipes				
37.18.1	20 mm nominal outer dia Pipes	100.00	Metre	79.90	7990.00
37.18.2	25 mm nominal outer dia Pipes	20.00	Metre	128.70	2574.00
37.18.3	32 mm nominal outer dia Pipes	20.00	Metre	189.70	3794.00
37.18.4	50 mm nominal outer dia Pipes	20.00	Metre	440.30	8806.00
37.19	UPVC connection pipe with brass unions				
37.19.1	15 mm nominal bore	50.00	Each	71.80	3590.00
37.20	C.P. brass shower rose with 15 or 20 mm inlet				
37.20.1	100 mm diameter	30.00	Each	163.90	4917.00
37.21	C.P Brass Bib cock- 15 mm nominal bore	50.00	Each	447.10	22355.00
37.22	C.P Brass Long body Bib cock- 15 mm nominal bore	50.00	Each	718.00	35900.00
37.23	C.P Brass Angle valve - 15 mm nominal bore	50.00	Each	512.10	25605.00
37.24	C.P Brass Extension nipple	50.00	Each	62.30	3115.00
37.25	C.P Brass Pillar cock	50.00	Each	557.00	27850.00
37.26	Rectangular shape 600x450 mm precast R.C.C. manhole cover with frame - L.D. - 2.5	10.00	Each	1393.40	13934.00

Sl. No.	Description	Qty.	Unit	Rate	Amount
37.27	C.P Brass Health Faucet full set with min. 1.2mt pipe with bracket	50.00	Each	1262.90	63145.00
37.28	C.P Brass Two way bibcock-15mm nominal bore	40.00	Each	1915.70	76628.00
37.29	C.P Brass Wall mixer	20.00	Each	4895.60	97912.00
37.30	125 mm round SS grating with/with out Hole	50.00	Each	301.40	15070.00
37.31	PVC water tank cover ISI make with locking arrangement	5.00	Each	454.10	2271.00
37.32	CPVC Elbow- 20mm	80.00	Nos.	18.00	1440.00
37.33	CPVC Brass Collor -25mm	80.00	Nos.	419.20	33536.00
37.34	CPVC brass elbow 20x15	80.00	Nos.	83.90	6712.00
37.35	CPVC brass collor 20x15	80.00	Nos.	83.90	6712.00
37.36	CPVC coller 20mm	80.00	Nos.	14.40	1152.00
37.37	CPVC B/MTA 25mm	80.00	Nos.	191.60	15328.00
37.38	CPVC B/MTA 40mm	80.00	Nos.	239.50	19160.00
37.39	CPVC Elbow 25mm	80.00	Nos.	59.90	4792.00
37.4	CP Grating Hole 100 mm dia	40.00	Nos.	65.90	2636.00
37.41	C.P Health faucet gun	50.00	Nos.	862.30	43115.00
37.42	Flush tank ball cock	50.00	Nos.	287.50	14375.00
37.43	Flush tank handle	50.00	Nos.	89.80	4490.00
37.44	Towel rail of stainless steel of min 60cm length	40.00	Nos	1185.70	47428.00
37.45	Hydraulic door closer tubular type Aluminium section body	10.00	Nos	1646.70	16467.00
37.46	Stainless steel towel ring	20.00	Each	778.50	15570.00
37.47	Float glass panes of nominal thickness 4 mm	60.00	Sqm	467.10	28026.00
37.48	Pin headed glass panes of nominal thickness 4 mm	45.00	Sqm	515.00	23175.00
37.49	Soft close hinges	30.00	Nos	479.10	14373.00
37.5	PVC Flush Tank-Syphon set	40.00	Each	672.90	26916.00
37.51	PVC Flush Tank- DUAL Syphon set	10.00	Each	1314.70	13147.00
37.52	7 Lever Mortise lock (Godrej Make)	40.00	Each	1109.00	44360.00
37.53	Vitreous china orrisa type w.c. pan size 580mm	15.00	Each	1294.00	19410.00
SH: II	**Providing housekeeping, sanitation and cosmetic maintenance services at BARC colonies at Yelwal, Kuvempunagar and Lakshmipuram by deployment of sweepers/unskilled labourers and supervisors including garbage collection, transportation and disposal, road sweeping, toilet cleaning and upkeep of common areas.**				
1	**House Keeping**				
1.1	Engaging and deploying 18 Nos. Sweepers/Unskilled labours and 2 Nos. Supervisors on daily basis for cosmetic maintenance of residential quarters and allied facilities at BARC colonies including complete housekeeping, sanitation and upkeep of common areas at Yelwal, Kuvempunagar and Lakshmipuram colonies. The work shall include door-to-door collection of garbage from residential flats, CISF barracks, security cabins and public buildings, segregation of wet and dry waste at source, and transportation and disposal of the collected waste at designated locations as directed by the Engineer-in-Charge, complete, Daily sweeping and cleaning of corridors, staircases, passages and common areas of residential buildings, weekly mopping and monthly cobweb removal shall be carried out to maintain hygienic surroundings. Sweeping and cleaning of roads, service roads, parking areas, footpaths and open spaces including removal of leaves, weeds by Brush cutter machine, litter and garbage shall also be done regularly. The work also includes daily cleaning of 21 common/public area toilets in 3 different colonies, WCs, urinals, wash basins, bathrooms, mirrors, glazed tiles and floors, including removal of chokes and refilling of liquid soap dispensers. Weekly transportation of accumulated waste from Yelwal colony to approved dumping yard including loading, unloading, labour, fuel and vehicle charges shall be arranged by the contractor. The work also includes assistance in dispensaries and medical units such as cleaning beds, sterilization of tools, handling bio-waste, cleaning emergency soiled areas and housekeeping of medical facilities.				
	Contractor shall deploy required manpower consisting of sweepers/Unskilled labours and supervisor, maintain attendance registers, stock records and daily progress reports, and attend urgent cleaning works whenever required without extra payment. Rate shall include providing cleaning accessories such as safety gloves, masks and other consumables for labourers complete, as directed by the Engineer-in-Charge. Service shall be provided on all working days except Sundays & Public Holidays (on contingency or special requirments labourers may be called on Sundays by BARC) from 9:30 AM to 5:30 PM (including Lunch) complete (Minimum amount of Rs. 20306/- per month for Sweepers/Unskilled labours and Rs.18,018/- per month for supervisors or prevailing minimum wages whichever is higher shall be paid to the employee).(Note:- The contractor shall have to make necessary arrangements of for the workers with neat and clean dress alongwith identity card showing agency name, designation & CPWD Logo as directed by engineer in charge)	12	One month	467551.00	5610612.00

Sl. No.	Description	Qty.	Unit	Rate	Amount
1.2	Disposal of collected garbage, segregated wet and dry waste, fallen leaves, garden waste, brushwood, tree branches, litter and other municipal solid waste by tractor with trolley, including loading, transportation, unloading and disposal at approved dumping yard within a lead of 3 km, maintaining trip records and disposal register complete as directed by the Engineer-in-Charge.	215	per trip	830.15	178482.00
2	Supplying and stacking in position the following materials for BARC Townships at Yelwal, Kuvempunagar, and Lakshmipuram for day to day use in House Keeping as approved & direction of Engineer-in-charge:-				
2.1	Phool Broom (Soft broom) of Good Quality	8.00	Each	93.20	746.00
2.2	Tili (Bamboo) Broom i/c bamboo handle of Good Quality	7.00	Each	109.70	768.00
2.3	Wipers Good Quality of Good Quality	5.00	Each	136.00	680.00
2.4	Floor mop of Good Quality	5.00	Each	30.70	154.00
2.5	Phenyl in 5 Litre Bottle of Good Quality	5.00	Each	164.50	823.00
2.6	Liquid Handwash Soap 900ml Pack of make (Dettol/Lifeboy)	10.00	Each	170.00	1700.00
2.7	Plastic Bucket 13-15 Ltr of Good Quality	6.00	Each	228.10	1369.00
2.8	Pastic Mug 1 Ltr of Good Quality	6.00	Each	32.90	197.00
2.9	Colin (500 ml.)	8.00	Each	112.90	903.00
2.10	Toilet Brush (Gala make)	15.00	Each	48.20	723.00
2.11	Acid for cleaning (5 litre pack) of Good Quality	5.00	Each	168.20	841.00
2.11	Plastic Garbage Bags of Good Quality	5.00	Kg	76.80	384.00
2.13	Naphthalene Balls 1 Kg pack of Good Quality	2.00	Kg	197.40	395.00
2.14	Manual-Lift 120 Ltr Wheel Garbage Dustbin (Nilkamal make)	5.00	Each	4936.90	24685.00
2.15	Toilet cleaner 1ltr of make (harpic)	10.00	Each	228.10	2281.00
2.16	Long hand coweb remover(140cm)	4.00	Each	316.90	1268.00
2.17	Floor mop with stick (T-type) of make (Gala)	4.00	Each	273.00	1092.00
				Civil Total	**16143747.00**