

Tender Inviting Authority: SM(CKP)

Name of Work: R/M and Upkeep of ITPO Premises during 2022-23
SH:- Construction of workers Toilet blocks and rest rooms behind Hall-2 in Pragati Maidan.

Contract No:

Bidder Name :						
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only) NOTE:- 1.The rates should be quoted inclusive of GST as applicable 2. The agency should file ECR against ESI & EPF for the individual workers engaged in ITPO & submit the same with bank certified copy, bill, wage sheet & attendance sheet etc. before payment. 3. Contractural Labour Act Registration if applicable.						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
1	2	4	5	6	54	55
1.00	Part A :- Civil Work Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge:	120.00	sqm	107.00	12840.00	INR Twelve Thousand Eight Hundred & Forty Only
2.00	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge.	110.00	cum	205.45	22600.00	INR Twenty Two Thousand Six Hundred Only
3.00	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	5.00	cum	2,007.10	10036.00	INR Ten Thousand &Thirty Six Only
4.00	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	100.00	cum	286.85	28685.00	INR Twenty Eight Thousand Six Hundred & Eighty Five Only
5.00	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : All kinds of soil Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	90.00	meter	417.35	37562.00	INR Thirty Seven Thousand Five Hundred & Sixty Two Only
6.00	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	50.00	cum	253.95	12698.00	INR Twelve Thousand Six Hundred & Ninety Eight Only
7.00	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. All kinds of soil	100.00	cum	28.15	2815.00	INR Two Thousand Eight Hundred & Fifteen Only

8.00	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	40.00	cum	2,161.20	86448.00	INR Eighty Six Thousand Four Hundred & Forty Eight Only
9.01	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	10.00	cum	7,365.15	73652.00	INR Seventy Three Thousand Six Hundred & Fifty Two Only
9.02	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)	10.00	cum	6,050.65	60507.00	INR Sixty Thousand Five Hundred & Seven Only
10.01	Centering and shuttering including strutting, propping etc. and removal of form work for : a)Foundations, footings, bases for columns	20.00	sqm	307.95	6159.00	INR Six Thousand One Hundred & Fifty Nine Only
10.02	b)Columns, piers, abutments, pillars, posts and struts	25.00	sqm	804.25	20106.00	INR Twenty Thousand One Hundred & Six Only
10.03	Suspended floors, roofs, landings, balconies and access platform	130.00	sqm	766.55	99652.00	INR Ninety Nine Thousand Six Hundred & Fifty Two Only
11.00	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 12.5mm nominal size derived from natural sources)	20.00	sqm	370.85	7417.00	INR Seven Thousand Four Hundred & Seventeen Only
12.00	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	30.00	sqm	681.65	20450.00	INR Twenty Thousand Four Hundred & Fifty Only
13.00	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	8.00	cum	10,185.05	81480.00	INR Eighty One Thousand Four Hundred & Eighty Only
14.00	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	15.00	cum	10,719.30	160790.00	INR One Lakh Sixty Thousand Seven Hundred & Ninety Only
15.01	Centering and shuttering including strutting, propping etc. and removal of form for : a)Suspended floors, roofs, landings, balconies and access platform	120.00	sqm	766.55	91986.00	INR Ninety One Thousand Nine Hundred & Eighty Six Only
15.02	b)Lintels, beams, plinth beams, girders, bressumers and cantilevers	30.00	sqm	608.35	18251.00	INR Eighteen Thousand Two Hundred & Fifty One Only
15.03	c)Columns, Pillars, Piers, Abutments, Posts and Struts	60.00	sqm	804.25	48255.00	INR Forty Eight Thousand Two Hundred & Fifty Five Only

16.00	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Cold twisted bars	2,700.00	Kg	89.65	242055.00	INR Two Lakh Forty Two Thousand & Fifty Five Only
17.00	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	50.00	cum	6,658.25	332913.00	INR Three Lakh Thirty Two Thousand Nine Hundred & Thirteen Only
18.00	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	55.00	cum	8,288.35	455859.00	INR Four Lakh Fifty Five Thousand Eight Hundred & Fifty Nine Only
19.00	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand)	60.00	sqm	1,018.05	61083.00	INR Sixty One Thousand & Eighty Three Only
20.00	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.	60.00	sqm	86.45	5187.00	INR Five Thousand One Hundred & Eighty Seven Only
21.00	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite stone slab colour black, Cherry/Ruby red Area of slab over 0.50 sqm	16.00	sqm	4,425.35	70806.00	INR Seventy Thousand Eight Hundred & Six Only
22.00	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. Granite work	18.00	meter	418.85	7539.00	INR Seven Thousand Five Hundred & Thirty Nine Only
23.00	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	14.00	each	808.15	11314.00	INR Eleven Thousand Three Hundred & Fourteen Only
24.00	Mirror polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete.	90.00	sqm	417.60	37584.00	INR Thirty Seven Thousand Five Hundred & Eighty Four Only
25.00	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) : 25 mm thick	40.00	sqm	1,706.60	68264.00	INR Sixty Eight Thousand Two Hundred & Sixty Four Only
26.00	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.	300.00	sqm	1,063.45	319035.00	INR Three Lakh Nineteen Thousand & Thirty Five Only

27.00	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm 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. Size of Tile 600x600 mm	90.00	sqm	1,416.65	127499.00	INR One Lakh Twenty Seven Thousand Four Hundred & Ninety Nine Only
28.00	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/mm ² , modulus of elasticity 850 N/mm ² 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). a) 30mm thick	22.00	Sqm	3,954.00	86988.00	INR Eighty Six Thousand Nine Hundred & Eighty Eight Only
29.00	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	100.00	sqm	401.40	40140.00	INR Forty Thousand One Hundred & Forty Only
30.00	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding	300.00	Kg	181.00	54300.00	INR Fifty Four Thousand Three Hundred Only
31.00	Providing and fixing hard drawn steel wire fabric 75x25 mm mesh of weight not less than 7.75 Kg per sqm to window frames etc. including 62x19 mm beading of second class teak wood and priming coat with approved steel primer all complete.	15.00	sqm	1,484.70	22271.00	INR Twenty Two Thousand Two Hundred & Seventy One Only
32.01	Providing and fixing bright finished brass butt hinges with necessary screws etc. complete : 100x85x5.5 mm (heavy type)	50.00	each	175.70	8785.00	INR Eight Thousand Seven Hundred & Eighty Five Only
32.02	100x70x4 mm (ordinary type)	10.00	each	125.90	1259.00	INR One Thousand Two Hundred & Fifty Nine Only
33.00	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete : 200x10 mm	20.00	each	300.55	6011.00	INR Six Thousand & Eleven Only
34.00	Providing and fixing bright finished brass door latch with necessary screws etc. complete : 250x16x5 mm	20.00	each	259.80	5196.00	INR Five Thousand One Hundred & Ninety Six Only
35.00	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	2.00	each	723.80	1448.00	INR One Thousand Four Hundred & Forty Eight Only
36.00	Providing and fixing bright finished brass handles with screws etc. complete: 125 mm	4.00	each	205.10	820.00	INR Eight Hundred & Twenty Only
37.00	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	4.00	each	109.60	438.00	INR Four Hundred & Thirty Eight Only
38.00	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	2.00	each	856.30	1713.00	INR One Thousand Seven Hundred & Thirteen Only

39.00	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :125 mm	40.00	each	60.05	2402.00	INR Two Thousand Four Hundred & Two Only
40.00	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	800.00	Kg	78.20	62560.00	INR Sixty Two Thousand Five Hundred & Sixty Only
41.00	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angles 40x40x6 mm for diagonal braces	6.00	sqm	4,781.15	28687.00	INR Twenty Eight Thousand Six Hundred & Eighty Seven Only
42.00	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved	250.00	Kg	114.65	28663.00	INR Twenty Eight Thousand Six Hundred & Sixty Three Only
43.00	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : 5.5 mm thick glass panes	25.00	sqm	1,243.50	31088.00	INR Thirty One Thousand & Eighty Eight Only
44.00	10 cm thick (average) mud phaska of damped brick earth on roofs laid to slope consolidated and plastered with 25 mm thick mud mortar mixed with bhusa @ 35 kg per cum of earth and gobi leaping with mix 1:1 (1 clay : 1 cow dung) and covered with flat tile bricks, grouted with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 2% of integral water proofing compound by weight of cement and finished neat: With common burnt clay F.P.S.(non modular) brick tile of class designation 10	140.00	sqm	905.80	126812.00	INR One Lakh Twenty Six Thousand Eight Hundred & Twelve Only
45.00	Painting top of roofs with bitumen of approved quality @ 17kg per 10 sqm impregnated with a coat of coarse sand at 60 cumd per 10 sqm, including cleaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete : With residual type petroleum bitumen of grade VG -10	140.00	sqm	133.15	18641.00	INR Eighteen Thousand Six Hundred & Forty One Only
46.00	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design : In 75x75 mm deep chase	70.00	meter	260.20	18214.00	INR Eighteen Thousand Two Hundred & Fourteen Only
47.00	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x 1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	8.00	each	266.60	2133.00	INR Two Thousand One Hundred & Thirty Three Only
48.00	Providing lead caulked joints to sand cast iron rain water pipes and fittings: 100 mm dia Pipe	50.00	each	444.05	22203.00	INR Twenty Two Thousand Two Hundred & Three Only
49.00	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 110 mm diameter	30.00	meter	319.75	9593.00	INR Nine Thousand Five Hundred & Ninety Three Only
50.00	12 mm cement plaster of mix : 1:6 (1 cement: 6 coarse sand)	200.00	sqm	294.35	58870.00	INR Fifty Eight Thousand Eight Hundred & Seventy Only
51.00	15 mm cement plaster on rough side of single or half brick wall of mix: 1:6 (1 cement: 6 coarse sand)	200.00	sqm	339.10	67820.00	INR Sixty Seven Thousand Eight Hundred & Twenty Only

52.00	Providing and fixing PTMT extension nipple for water tank pipe, fittings of approved quality and colour. 15 mm nominal bore, weighing not less than 32 gms	40.00	Each	43.05	1722.00	INR One Thousand Seven Hundred & Twenty Two Only
53.00	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	150.00	sqm	214.30	32145.00	INR Thirty Two Thousand One Hundred & Forty Five Only
54.00	White washing with lime to give an even shade :New work (three or more coats)	200.00	sqm	32.45	6490.00	INR Six Thousand Four Hundred & Ninety Only
55.00	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	150.00	sqm	162.55	24383.00	INR Twenty Four Thousand Three Hundred & Eighty Three Only
56.00	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	200.00	sqm	166.85	33370.00	INR Thirty Three Thousand Three Hundred & Seventy Only
57.00	Painting (two or more coats) on rain water, soil waste and vent pipes and fittings with black anticorrosive bitumastic paint of approved brand and manufacture, over and including a priming of ready mixed zinc chromate yellow primer on new work: 150 mm diameter pipes	30.00	meter	94.15	2825.00	INR Two Thousand Eight Hundred & Twenty Five Only
58.00	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	100.00	sqm	131.45	13145.00	INR Thirteen Thousand One Hundred & Forty Five Only
59.00	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground, all complete as per direction of Engineer-in-Charge. For door/ window/ clerestory window	4.00	sqm	1,046.95	4188.00	INR Four Thousand One Hundred & Eighty Eight Only
60.00	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.Flexible pipe 32 mm dia	14.00	each	104.35	1461.00	INR One Thousand Four Hundred & Sixty One Only
61.00	Providing and fixing 100 mm sand cast Iron grating for gully trap.	6.00	each	45.25	272.00	INR Two Hundred & Seventy Two Only
62.00	Providing and fixing soil, waste and vent pipes :100 mm dia Sand cast iron S&S pipe as per IS: 1729	70.00	meter	1,018.05	71264.00	INR Seventy One Thousand Two Hundred & Sixty Four Only
63.00	Providing and filling the joints with spun yarn, cement slurry and cement mortar 1:2 (1 cement : 2 fine sand) in S.C.I./ C.I. Pipes :100 mm dia pipe	35.00	each	163.45	5721.00	INR Five Thousand Seven Hundred & Twenty One Only
64.00	Providing and fixing plain bend of required degree.100 mm dia Sand cast iron S&S as per IS - 1729	10.00	each	412.95	4130.00	INR Four Thousand One Hundred & Thirty Only
65.00	Providing and fixing collar :100 mm Sand cast iron S&S as per IS - 1729	10.00	each	399.60	3996.00	INR Three Thousand Nine Hundred & Ninety Six Only

66.00	Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter : 100 mm	50.00	each	549.65	27483.00	INR Twenty Seven Thousand Four Hundred & Eighty Three Only
67.00	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors : 100 mm inlet and 100 mm outlet Sand cast iron S&S as per IS: 3989	4.00	each	1,604.10	6416.00	INR Six Thousand Four Hundred & Sixteen Only
68.00	Cutting chases in brick masonry walls for following diameter sand cast iron/centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 (1 cement : 3 coarse sand :6 graded stone aggregate 12.5 mm nominal size), including necessary plaster and pointing in cement mortar 1:4 (1 cement : 4 coarse sand) :100 mm dia	20.00	meter	615.70	12314.00	INR Twelve Thousand Three Hundred & Fourteen Only
69.01	Providing and fixing Chlorinated polyvinyl Chloride(CPVC) Pipes, having thermal stability for hot & cold water supply including all CPVC plain & barss threaded fitting,i/c fixing the pipe with clams at 1.00 m spacing. This includes jointing of pipes & fitting with one CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the wall etc.a) 15mm nominal dia pipes.	110.00	meter	441.15	48527.00	INR Forty Eight Thousand Five Hundred & Twenty Seven Only
69.02	b)25 mm nominal dia pipe	80.00	meter	626.05	50084.00	INR Fifty Thousand & Eighty Four Only
70.00	Providing and fixing Chlorinated polyvinyl Chloride(CPVC) Pipes, having thermal stability for hot & cold water supply including all CPVC plain & barss threaded fitting,i/c fixing the pipe with clams at 1.00 m spacing. This includes jointing of pipes & fitting with one CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. External work a) 25 mm dia pipe	150.00	Meter	370.65	55598.00	INR Fifty Five Thousand Five Hundred & Ninety Eight Only
71.00	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete : 25 to 40 mm nominal bore	1.00	each	757.10	757.00	INR Seven Hundred & Fifty Seven Only
72.00	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :25 mm nominal bore	6.00	each	532.35	3194.00	INR Three Thousand One Hundred & Ninety Four Only
73.00	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 15 mm nominal bore	6.00	each	348.85	2093.00	INR Two Thousand & Ninety Three Only
74.00	25 mm nominal bore	4.00	each	399.15	1597.00	INR One Thousand Five Hundred & Ninety Seven Only
75.10	Providing and fixing gun metal non- return valve of approved quality (screwed end) :25 mm nominal bore. Horizontal	2.00	each	506.65	1013.00	INR One Thousand & Thirteen Only
75.20	25 mm nominal bore. Vertical	2.00	each	573.50	1147.00	INR One Thousand One Hundred & Forty Seven Only
76.10	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : 15 mm nominal bore	12.00	each	262.30	3148.00	INR Three Thousand One Hundred & Forty Eight Only

76.20	25 mm nominal bore	10.00	each	369.35	3694.00	INR Three Thousand Six Hundred & Ninety Four Only
77.00	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	4,000.00	per litre	9.70	38800.00	INR Thirty Eight Thousand Eight Hundred Only
78.00	Cutting holes up to 30x30 cm in walls including making good the same: With common burnt clay F.P.S. (non modular) bricks	10.00	each	362.40	3624.00	INR Three Thousand Six Hundred & Twenty Four Only
79.00	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 300 mm diameter	90.00	meter	1,774.50	159705.00	INR One Lakh Fifty Nine Thousand Seven Hundred & Five Only
80.00	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) up to haunches of S.W. pipes including bed concrete as per standard design : 300 mm diameter S.W. pipe	90.00	meter	1,089.10	98019.00	INR Ninety Eight Thousand & Nineteen Only
81.00	Constructing brick masonry circular type manhole 0.91 m internal dia at bottom and 0.56m dia at top in cement mortar 1:4 (1 cement : 4 coarse sand), inside cement plaster 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement, foundation concrete 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size), and making necessary channel in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement, all complete as per standard design : 0.91 m deep with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560 mm internal diameter conforming to I.S. 12592, total weight of cover and frame to be not less than 182 kg., fixed in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including centering, shuttering all complete. (Excavation, foot rests and 12mm thick cement plaster at the external surface shall be paid for separately) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2.00	each	11,886.45	23773.00	INR Twenty Three Thousand Seven Hundred & Seventy Three Only
82.00	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	13.00	each	5,781.35	75158.00	INR Seventy Five Thousand One Hundred & Fifty Eight Only
83.00	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : Range of two half stall urinals with 5 litre P.V.C. automatic flushing cistern	10.00	each	15,115.40	151154.00	INR One Lakh Fifty One Thousand One Hundred & Fifty Four Only
84.00	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	6.00	each	146.30	878.00	INR Eight Hundred & Seventy Eight Only
85.00	Providing and fixing wash basin with C.I. brackets, 15 mm PTMT pillar cock, 32 mm PTMT waste coupling of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required. White Vitreous China Flat back wash basin size 550x400 mm with single 15 mm PTMT pillar cock.	14.00	each	1,404.00	19656.00	INR Nineteen Thousand Six Hundred & Fifty Six Only

86.00	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid	3.00	Each	6,941.30	20824.00	INR Twenty Thousand Eight Hundred & Twenty Four Only
87.00	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing Rectangular shape 1500x450 mm	7.00	Each	1,817.20	12720.00	INR Twelve Thousand Seven Hundred & Twenty Only
88.00	Providing and fixing PTMT 15 mm Urinal spreader size 95x69x100mm with 1/2" BSP thread and shapes, weighing not less than 60gms.	10.00	Each	92.75	928.00	INR Nine Hundred & Twenty Eight Only
89.00	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.	2.00	Each	600.35	1201.00	INR One Thousand Two Hundred & One Only
90.00	Providing and fixing PTMT Waste Coupling for wash basin and sink, of approved quality and colour. Waste coupling 31 mm dia of 79 mm length and 62mm breadth weighing not less than 45 gms	14.00	Each	103.00	1442.00	INR One Thousand Four Hundred & Forty Two Only
91.00	Providing and fixing brass ferrule with C.I. mouth cover including boring and tapping the main. 25 mm nominal bore	1.00	meter	447.00	447.00	INR Four Hundred & Forty Seven Only
92.00	Providing and fixing PTMT bib cock of approved quality and colour. 15 mm nominal bore, 122mm long, weighing not less than 99 gms	15.00	Each	143.30	2150.00	INR Two Thousand One Hundred & Fifty Only
93.00	Providing and fixing PTMT stop cock of approved quality and colour.	40.00	Each	103.15	4126.00	INR Four Thousand One Hundred & Twenty Six Only
94.00	Providing and fixing PTMT pillar cock of approved quality and colour. 15 mm nominal bore, 107 mm long, weighing not less than 110 gms	14.00	Each	180.80	2531.00	INR Two Thousand Five Hundred & Thirty One Only
95.00	Providing and fixing PTMT grating of approved quality and colour. Rectangular type with openable circular lid 150 mm nominal size square 100 mm diameter of the inner hinged round grating	25.00	Each	169.70	4243.00	INR Four Thousand Two Hundred & Forty Three Only
96.00	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer, 3 mm thick water proofing membrane, black finished reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufactured of density at 25°C, 0.87 - 0.89 kg/litre and viscosity 70 - 160 cps. Over the primer coat the layer of membrane shall be laid using butane torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 350/300 N/5 cm. Tear strength in longitudinal and transverse direction as 60/80N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane : 3 mm thick	80.00	Sqm	534.10	42728.00	INR Forty Two Thousand Seven Hundred & Twenty Eight Only

97.00	Part -B :- Electrical work Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. Group C	40.00	point	1,823.00	72920.00	INR Seventy Two Thousand Nine Hundred & Twenty Only
98.00	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/recessed steel conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	60.00	MTR	433.00	25980.00	INR Twenty Five Thousand Nine Hundred & Eighty Only
99.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	100.00	MTR	369.00	36900.00	INR Thirty Six Thousand Nine Hundred Only
100.01	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. 1 x 1.5 sq. mm	10.00	MTR	45.00	450.00	INR Four Hundred & Fifty Only
100.02	2 x 1.5 sq. mm	10.00	MTR	70.00	700.00	INR Seven Hundred Only
100.03	3 x 1.5 sq. mm	10.00	MTR	95.00	950.00	INR Nine Hundred & Fifty Only
100.04	3 x 2.5 sq. mm	20.00	MTR	137.00	2740.00	INR Two Thousand Seven Hundred & Forty Only
100.05	3 x 4 sq. mm	10.00	MTR	206.00	2060.00	INR Two Thousand & Sixty Only
101.00	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	4.00	Each	369.00	1476.00	INR One Thousand Four Hundred & Seventy Six Only
102.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	20.00	Nos	586.00	11720.00	INR Eleven Thousand Seven Hundred & Twenty Only
103.00	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required. 100 A,30KA,FPMCCB	1.00	Each	7,723.00	7723.00	INR Seven Thousand Seven Hundred & Twenty Three Only
104.00	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 8 way , Double door	3.00	Each	2,573.00	7719.00	INR Seven Thousand Seven Hundred & Nineteen Only
105.00	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.) 4 way (4 + 12), Double door	1.00	Each	7,512.00	7512.00	INR Seven Thousand Five Hundred & Twelve Only

106.01	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single pole	24.00	Each	256.00	6144.00	INR Six Thousand One Hundred & Forty Four Only
106.02	Double pole	3.00	Each	656.00	1968.00	INR One Thousand Nine Hundred & Sixty Eight Only
106.03	Triple pole	4.00	Each	1,007.00	4028.00	INR Four Thousand & Twenty Eight Only
107.00	Supplying, laying and fixing of one number PVC insulated and PVC sheathed/ XPLE, Aluminium conductor power cable of 1.1 KV grade of following sizes on surface /recess etc as required 3.5 x 50 SQ mm cable on surface	200.00	MTR	793.00	158600.00	INR One Lakh Fifty Eight Thousand Six Hundred Only
108.00	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 3½ X 50 sq. mm (35mm) on surface	2.00	Nos	413.00	826.00	INR Eight Hundred & Twenty Six Only
109.00	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	400.00	MTR	42.00	16800.00	INR Sixteen Thousand Eight Hundred Only
110.00	SITC of 1 x 20 Watt ultra bright LED tubelight (Double side Connection) with very high efficiency suited for installation with holders to give glare free light with regal batten for Led tube box type on ceiling/ wall including connection with 1.5 sqmm FRLS PVC insulated copper conductor single core cable and earthing etc as required. Make: Philips/Havells/Crompton	20.00	Nos	725.00	14500.00	INR Fourteen Thousand Five Hundred Only
111.00	Supply and fixing of heavy duty exhaust fan of 300mm sweep, 1400 rpm, 6 pole, 220v, 50 HZ supply in the existing opening including making the hole to suit the size of the above fan, making good the damage connection testing commissioning etc as required. Make: Havells/Crompton/	10.00	Nos	2,763.00	27630.00	INR Twenty Seven Thousand Six Hundred & Thirty Only
112.00	Supply of single phase ultra high speed ceiling fan of 1200mm sweep, 400 rpm, 220v, 50Hz, 100% copper motor, double ball bearings, dynamically balanced blades, low power consumption etc as required. Make: Bajaj/Havells/Crompton	4.00	Nos	2,350.00	9400.00	INR Nine Thousand Four Hundred Only
113.00	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required.	4.00	Nos	339.00	1356.00	INR One Thousand Three Hundred & Fifty Six Only
114.00	Note: The rates should be quoted inclusive of GST as applicable					
Total in Figures					4854968.00	INR Forty Eight Lakh Fifty Four Thousand Nine Hundred & Sixty Eight Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				