

Tender Inviting Authority: General Manager (Civil)/ Welfare & Services, CCL Ranchi.

Name of Work: Comprehensive annual maintenance of colonies namely Rest House Colony, Ghuiatand, Regional Hospital Colony, River Del Colony, Double Storey Colony, Senior Quarter Colony, Lal Bungalow Colony and Ambedkar Nagar Colony, under G.M. Unit, B & K Area for a period of 2 years. Vide NIT no. 56 of 23-24.

	Category of Services (To Be Selected by Department)	Category of Bidder(To Be Selected by Bidder)	To Be Entered by Department		
ITC Not Available	Works Contract	Bidder's Status (Mandatory)	Rate of GST (in %)	GST to be Paid By Bidder (in Rs.)	GST to be Paid By CIL/Subsidiary (in Rs.)
Name of the Bidder/ Bidding Firm / Company :		Select	18.00	0.00	0.00

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1.00	PART -A MANAGEMENT					
1.01	Deployment of Facility Manager for heading the entire team and single point of contact & overall incharge of overseer on site operators and reporting to Engineer-in-charge or his representative.(Analysed Rate)	610.00	Day	823.50	502335.00	INR Five Lakh Two Thousand Three Hundred & Thirty Five Only
2.00	PART -B MAINTENANCE SERVICES (SPECIAL EMERGENT & UNMEASURABLE). The deployment will be as per the direction of EIC and OVERSEER to meet the services of the colony.					
2.01	Deployment of one no. carpenter (skilled manpower) and 1 (one) no. helper (unskilled manpower) in general shift for day to day maintenance work related to carpentry work like repairing of door, window, fixing of door and window fittings as and when required as per instruction of EIC. (Analysed Rate)	208.00	Day	1408.90	293051.20	INR Two Lakh Ninety Three Thousand & Fifty One and Paise Twenty Only
2.02	Deployment of 2 (two) no. Sanitary worker (unskilled manpower) in general shift for day to day maintenance work related to sanitary work as and when required as per instruction of EIC. (Analysed Rate)	610.00	Day	1751.60	1068476.00	INR Ten Lakh Sixty Eight Thousand Four Hundred & Seventy Six Only

2.03	Deployment of(1) one no. Plumber (skilled manpower) and 1 (one) no. helper (unskilled manpower) in general shift for day to day maintenance work related to Plumber work like repairing of Damage & leakage pipeline in Quarter and supply pipe line ,colony valve reapinging , install new valve work e.t.c as and when work required as per instruction of EIC. (Analysed Rate)	610.00	Day	1408.90	859429.00	INR Eight Lakh Fifty Nine Thousand Four Hundred & Twenty Nine Only
3.00	PART - "C" (AMC for 15th August, 26th January, Vishwakarma Puja , Durga Puja , Other special and auspicious occasion)					
3.01	Surface dressing of the ground including removing vegetation and in- equalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m. All kinds of soil. (Refer CPWD DSR'14, Item No. 2.28.1)	48.75	100 SQM	1908.40	93034.50	INR Ninety Three Thousand & Thirty Four and Paise Fifty Only
3.02	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared. (Refer CPWD DSR'14, Item No. 2.32)	90.37	100 SQM	501.35	45307.00	INR Forty Five Thousand Three Hundred & Six and Paise One Hundred Only
3.03	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 5 in foundation and plinth in: Cement mortar 1:6 (1cement : 6 coarse sand) (Refer CPWD DSR'14, Item No. 6.1.2 DR)	15.00	CUM	5707.15	85607.25	INR Eighty Five Thousand Six Hundred & Seven and Paise Twenty Five Only
3.04	Cement concrete flooring 1:2:4 (1cement : 2coarse sand : 4graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate. (Refer CPWD DSR'14, Item No. 11.3.1)	240.00	SQM	453.50	108840.00	INR One Lakh Eight Thousand Eight Hundred & Forty Only
3.05	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 5 in foundations and plinth in : cement mortar 1:4 (1cement : 4coarse sand) (Refer CPWD DSR'14, Item No. 6.12.2 DR)	120.00	SQM	717.25	86070.00	INR Eighty Six Thousand & Seventy Only
3.06	12 mm cement plaster of mix : 1:6 (1cement: 6 fine sand) (Refer CPWD DSR'14, Item No. 13.1.2)	600.00	SQM	222.85	133710.00	INR One Lakh Thirty Three Thousand Seven Hundred & Ten Only
3.07	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead. (Refer CPWD DSR'14, Item No. 15.56)	360.00	SQM	30.85	11106.00	INR Eleven Thousand One Hundred & Six Only
3.08	Supplying and spreading of good quality of stone dust includind cost of all material,labour ,all tolls and tackles ,all complete as per EIC (Analysed Rate)	117.50	CUM	625.21	73462.18	INR Seventy Three Thousand Four Hundred & Sixty Two and Paise Eighteen Only
3.09	supplying and lining with lime including cost all material,labour ,all tolls and tackles ,all complete as per EIC(Analysed Rate)	200.00	KG	35.62	7124.00	INR Seven Thousand One Hundred & Twenty Three and Paise One Hundred Only
3.10	White washing with lime to give an even shade: Old work (two or more coats) (Refer CPWD DSR'14, Item No. 14.42.1)	5500.00	SQM	14.15	77825.00	INR Seventy Seven Thousand Eight Hundred & Twenty Five Only
3.11	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Refer CPWD DSR'14 Item No. 10.1)	350.00	KG	89.35	31272.50	INR Thirty One Thousand Two Hundred & Seventy Two and Paise Fifty Only

3.12	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work (Refer CPWD DSR'14, Item No. 14.54.1)	2500.00	SQM	64.75	161875.00	INR One Lakh Sixty One Thousand Eight Hundred & Seventy Five Only
3.13	Finishing walls with water proofing cement paint of required shade : Old work (one or more coats @ 2.20 kg/10 sqm) complete. (Refer CPWD DSR'14, Item No. 14.64.2)	4500.00	SQM	57.15	257175.00	INR Two Lakh Fifty Seven Thousand One Hundred & Seventy Five Only
3.14	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete. (Refer CPWD DSR'14, Item No. 13.26)	250.00	SQM	175.40	43850.00	INR Forty Three Thousand Eight Hundred & Fifty Only
3.15	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade : Old work (one or more coats). (Refer CPWD DSR'14, Item No. 14.45.1)	8000.00	SQM	47.70	381600.00	INR Three Lakh Eighty One Thousand Six Hundred Only
3.16	Lettering with Enamel paint of approved brand and manufacture. (Refer CPWD DSR'14, Item No. 13.71 DR)	10000.00	per letter per cm height	4.15	41500.00	INR Forty One Thousand Five Hundred Only
3.17	Colour washing old work: one or more coat. (Refer CPWD DSR'14, Item No. 14.42.1)	6000.00	SQM	14.15	84900.00	INR Eighty Four Thousand Nine Hundred Only
3.18	Plant Mix Method (Construction of granular sub-base by providing close graded Material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 for grading- II Material (Refer JH SOR 4.1.18)	50.00	CUM	3712.80	185640.00	INR One Lakh Eighty Five Thousand Six Hundred & Forty Only
3.19	Welding by gas or electric plant including transportation of plant at site etc. complete. (Refer CPWD DSR'14 Item No. 10.22)	1500.00	CM	4.60	6900.00	INR Six Thousand Eight Hundred & Ninety Nine and Paise One Hundred Only
3.20	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. (Refer CPWD DSR'14, Item No. 2.6.1)	250.00	CUM	216.80	54200.00	INR Fifty Four Thousand Two Hundred Only
3.21	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1cement : 6coarse sand) (Refer CPWD DSR'14, Item No. 6.4.2 DR)	20.00	CUM	6864.05	137281.00	INR One Lakh Thirty Seven Thousand Two Hundred & Eighty One Only
3.22	Brooming & cleaning of all roads in colony and with the permises as required with all tools &tackles and stacking of gaebage at specified place all complete as per direction of EIC (Analysed Rate)	17380.75	SQM	4.27	74215.80	INR Seventy Four Thousand Two Hundred & Fifteen and Paise Eighty Only
3.23	6mm cement plaster of mix: 1.3 (1 cement : 3 fine sand)(Refer CPWD DSR'14, Item No. 13.16.1)	80.00	SQM	198.90	15912.00	INR Fifteen Thousand Nine Hundred & Twelve Only
3.24	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1cement : 4fine sand) (Refer CPWD DSR'14, Item No. 13.7.2)	50.00	SQM	294.40	14720.00	INR Fourteen Thousand Seven Hundred & Nineteen and Paise One Hundred Only

3.25	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 : 4 graded stone aggregate 20 mm nominal size) (Refer CPWD DSR'14, Item No. 4.1.3)	10.00	CUM	6410.70	64107.00	INR Sixty Four Thousand One Hundred & Seven Only
3.26	providind and spreading of moorum icluding cost of material,labour,all tools and tackles all complete as pse EIC (Analysed Rate)	250.00	cum	820.51	205127.50	INR Two Lakh Five Thousand One Hundred & Twenty Seven and Paise Fifty Only
4.00	PART "D" (AMC FOR TANK CLEANING)					
4.01	Cleaning of terrace/loft water storage tank (inside surface area) upto 2000 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) (Refer CPWD DSR'16 Item No. 14.75A)	1552000.00	Letre	0.31	481120.00	INR Four Lakh Eighty One Thousand One Hundred & Twenty Only
5.00	PART "E" (AMC FOR QUARTER REPAIRING)					
5.01	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. (Refer CPWD DSR'14, Item No. 2.8.1)	202.28	CUM	219.70	44440.92	INR Forty Four Thousand Four Hundred & Forty and Paise Ninety Two Only
5.02	Providing, hoisting and fixing up to floor five level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but excluding cost of reinforcement, with 1:2:4 (1cement : 2coarse sand : 4graded stone aggregate 20 mm nominal size). (Refer CPWD DSR'14, Item No. 5.12)	12.55	CUM	7782.85	97674.77	INR Ninety Seven Thousand Six Hundred & Seventy Four and Paise Seventy Seven Only
5.03	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars (Refer CPWD DSR'14, Item No. 5.22.6)	1004.00	KG	87.35	87699.40	INR Eighty Seven Thousand Six Hundred & Ninety Nine and Paise Forty Only
5.04	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 5 in foundation and plinth in: Cement mortar 1:6 (1cement : 6coarse sand) (Refer CPWD DSR'14, Item No. 6.1.2 DR)	143.68	CUM	5707.75	820089.52	INR Eight Lakh Twenty Thousand & Eighty Nine and Paise Fifty Two Only
5.05	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1cement : 6coarse sand) (Refer CPWD DSR'14, Item No. 6.4.2 DR)	213.90	CUM	6864.05	1468220.30	INR Fourteen Lakh Sixty Eight Thousand Two Hundred & Twenty and Paise Thirty Only

5.06	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 5 in foundations and plinth in : cement mortar 1:4 (1cement : 4coarse sand) (Refer CPWD DSR'14, Item No. 6.12.2 DR)	542.50	SQM	717.25	389108.13	INR Three Lakh Eighty Nine Thousand One Hundred & Eight and Paise Twelve Only
5.07	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).Sal wood (Refer CPWD DSR'14, Item No. 9.1.2)	2.00	CUM	98743.05	197486.10	INR One Lakh Ninety Seven Thousand Four Hundred & Eighty Six and Paise Ten Only
5.08	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. 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws (Refer CPWD DSR'14, Item No. 9.21.2)	50.00	SQM	2760.20	138010.00	INR One Lakh Thirty Eight Thousand & Ten Only
5.09	Providing and fixing skirting with Pre-laminated (one side decorative and other side balancing lamination) flat pressed 3 layer or graded particle board (medium density) Grade I, Type II, IS :12823 marked, with necessary fixing arrangements and screws, including drilling necessary holes for rawl plugs etc. and priming coat on unexposed surface complete : 18 mm thick (CPWD DSR'14, Item No. 9.39.1)	78.92	SQM	2013.00	158865.96	INR One Lakh Fifty Eight Thousand Eight Hundred & Sixty Five and Paise Ninety Six Only
5.10	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer- in-Charge. (Refer CPWD DSR'14, Item No. 9.119)	705.25	Metre	502.95	354705.49	INR Three Lakh Fifty Four Thousand Seven Hundred & Five and Paise Forty Nine Only

5.11	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture . M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing. 30 mm thick plain PVC door shutters (Refer CPWD DSR'14, Item No. 9.120.1)	194.99	SQM	3177.40	619561.23	INR Six Lakh Nineteen Thousand Five Hundred & Sixty One and Paise Twenty Three Only
5.12	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty: Float glass panes of thickness 4 mm (Refer CPWD DSR'14, Item No. 14.5.1)	27.90	SQM	843.95	23546.21	INR Twenty Three Thousand Five Hundred & Forty Six and Paise Twenty One Only
5.13	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. (Refer CPWD DSR'14, Item No. 10.2)	53132.16	KG	101.60	5398227.46	INR Fifty Three Lakh Ninety Eight Thousand Two Hundred & Twenty Seven and Paise Forty Six Only
5.14	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30x10x15cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size). (Refer CPWD DSR'14, Item No. 9.53)	310.00	NO	167.50	51925.00	INR Fifty One Thousand Nine Hundred & Twenty Five Only
5.15	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :Of area 3 sq. metres and below (Refer CPWD DSR'14, Item No. 15.12.1)	1185.00	NO	231.85	274742.25	INR Two Lakh Seventy Four Thousand Seven Hundred & Forty Two and Paise Twenty Five Only
5.16	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead: Of area 3 sq. metres and below (Refer CPWD DSR'14, Item No. 15.13.1)	1185.00	NO	89.10	105583.50	INR One Lakh Five Thousand Five Hundred & Eighty Three and Paise Fifty Only
5.17	Cement concrete flooring 1:2:4 (1cement : 2coarse sand : 4graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate. (Refer CPWD DSR'14, Item No. 11.3.1)	3875.00	SQM	453.50	1757312.50	INR Seventeen Lakh Fifty Seven Thousand Three Hundred & Twelve and Paise Fifty Only

5.18	12 mm cement plaster of mix : 1:6 (1cement: 6fine sand) (Refer CPWD DSR'14, Item No. 13.1.2)	4650.00	SQM	222.85	1036252.50	INR Ten Lakh Thirty Six Thousand Two Hundred & Fifty Two and Paise Fifty Only
5.19	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 : 4 graded stone aggregate 20 mm nominal size) (Refer CPWD DSR'14, Item No. 4.1.3)	100.75	CUM	6410.70	645878.03	INR Six Lakh Forty Five Thousand Eight Hundred & Seventy Eight and Paise Three Only
5.20	Neat cement punning. (Refer CPWD DSR'14, Item No. 13.18)	775.00	SQM	57.50	44562.50	INR Forty Four Thousand Five Hundred & Sixty Two and Paise Fifty Only
5.21	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar (Refer CPWD DSR'14, Item No. 15.7.4)	84.51	CUM	1152.50	97397.78	INR Ninety Seven Thousand Three Hundred & Ninety Seven and Paise Seventy Eight Only
5.22	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead. (Refer CPWD DSR'14, Item No. 15.56)	1162.50	SQM	30.85	35863.13	INR Thirty Five Thousand Eight Hundred & Sixty Three and Paise Twelve Only
5.23	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 (Refer CPWD DSR'14, Item No. 12.41.2)	465.00	METER	285.85	132920.25	INR One Lakh Thirty Two Thousand Nine Hundred & Twenty and Paise Twenty Five Only
5.24	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for 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. Bend 87.5° 110 mm bend (Refer CPWD DSR'14, Item No. 12.42.5.2)	50.00	NO	178.95	8947.50	INR Eight Thousand Nine Hundred & Forty Seven and Paise Fifty Only
5.25	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length,including cutting brick work and fixing in cement mortar 1:4 (1 cement: 4 coarse sand) and making good the wall etc. complete. 110 mm (Refer CPWD DSR'14, Item No. 12.43.2)	310.00	NO	259.80	80538.00	INR Eighty Thousand Five Hundred & Thirty Eight Only
5.26	Providing and fixing pvc cowl of required dia including cost of material,fitting,all completeas per instruction of EIC (Analysed Rate)	310.00	NO	52.27	16203.70	INR Sixteen Thousand Two Hundred & Three and Paise Seventy Only
5.27	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : Old work (one or more coats). (Refer CPWD DSR'14, Item No. 14.45.1)	36425.00	SQM	47.70	1737472.50	INR Seventeen Lakh Thirty Seven Thousand Four Hundred & Seventy Two and Paise Fifty Only
5.28	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work (Refer CPWD DSR'14, Item No. 13.61.1)	3437.46	SQM	98.05	337042.95	INR Three Lakh Thirty Seven Thousand &Forty Two and Paise Ninety Five Only
5.29	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work (Refer CPWD DSR'14, Item No. 14.54.1)	5425.00	SQM	64.75	351268.75	INR Three Lakh Fifty One Thousand Two Hundred & Sixty Eight and Paise Seventy Five Only

5.30	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). (Refer CPWD DSR'14, Item No. 15.2.1)	155.00	CUM	1362.20	211141.00	INR Two Lakh Eleven Thousand One Hundred & Forty One Only
5.31	Carriage of material by mechanical transport including loading, unloading and stacking: Lime, moorum, building rubbish with one km lead. (Refer CPWD DSR'14 Item No. 1.1.1)	168.95	CUM	109.95	18576.05	INR Eighteen Thousand Five Hundred & Seventy Six and Paise Five Only
5.32	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 (Refer CPWD DSR'14, Item No. 9.48.1)	4760.44	KG	161.80	770239.19	INR Seven Lakh Seventy Thousand Two Hundred & Thirty Nine and Paise Nineteen Only
5.33	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Refer CPWD DSR'14 Item No. 10.1)	2000.00	KG	89.35	178700.00	INR One Lakh Seventy Eight Thousand Seven Hundred Only
5.34	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer in-charge) 0.45mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer- in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. (Refer CPWD DSR'14 Item No. 12.50)	465.00	SQM	560.70	260725.50	INR Two Lakh Sixty Thousand Seven Hundred & Twenty Five and Paise Fifty Only
5.35	Providing high impact Polypropylene reinforced cement 6 mm thick corrugated sheets (as per IS: 14871) roofing up to any pitch and fixing with polymer coated J, or L hooks, bolts and nuts 8 mm dia. G.I. plain and bitumen washers or with self drilling fastener and EPDM washers etc. complete (excluding the cost of purlins, rafters and trusses), including cutting sheets to size and shape wherever required. (Refer CPWD DSR'14 Item No. 12.8)	465.00	SQM	424.40	197346.00	INR One Lakh Ninety Seven Thousand Three Hundred & Forty Six Only
5.36	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. 0.63 mm thick with zinc coating not less than 275 gm/ m ² (Refer CPWD DSR'14 Item No. 12.1.3)	465.00	SQM	841.10	391111.50	INR Three Lakh Ninety One Thousand One Hundred & Eleven and Paise Fifty Only
5.37	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of : G.S. Sheet. (Refer CPWD DSR'14, Item No. 15.28.1)	465.00	SQM	101.10	47011.50	INR Forty Seven Thousand & Eleven and Paise Fifty Only

5.38	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of :Asbestos sheet (Refer CPWD DSR'14 Item No. 15.28.2)	232.50	SQM	46.85	10892.63	INR Ten Thousand Eight Hundred & Ninety Two and Paise Sixty Two Only
5.39	Finishing walls with water proofing cement paint of required shade : Old work (one or more coats @ 2.20 kg/10 sqm) complete. (Refer CPWD DSR'14, Item No. 14.64.2)	5425.00	SQM	57.20	310310.00	INR Three Lakh Ten Thousand Three Hundred & Ten Only
5.40	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1cement : 4fine sand) (Refer CPWD DSR'14, Item No. 13.7.2)	310.00	SQM	294.40	91264.00	INR Ninety One Thousand Two Hundred & Sixty Four Only
5.41	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. (Refer CPWD DSR'14, Item No. 13.80)	3100.00	SQM	104.30	323330.00	INR Three Lakh Twenty Three Thousand Three Hundred & Thirty Only
5.42	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), including grouting the joints with white cement and matching pigments etc., complete.600x600 mm(Refer CPWD DSR'14, Item No. 11.41.2)	150.00	SQM	1428.95	214342.50	INR Two Lakh Fourteen Thousand Three Hundred & Forty Two and Paise Fifty Only
5.43	Providing and laying Vitrified 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 brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately)(Refer CPWD DSR'14, Item No. 11.47.2)	50.00	SQM	1506.45	75322.50	INR Seventy Five Thousand Three Hundred & Twenty Two and Paise Fifty Only
5.44	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4Coarse sand), including pointing the joints with white cement and matching pigment etc., complete. (Refer CPWD DSR'14 Item No.-11.37)	465.00	SQM	808.55	375975.75	INR Three Lakh Seventy Five Thousand Nine Hundred & Seventy Five and Paise Seventy Five Only
5.45	Providing and fixing 1st 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. (Refer CPWD DSR'14 Item No.-11.36)	930.00	SQM	934.60	869178.00	INR Eight Lakh Sixty Nine Thousand One Hundred & Seventy Eight Only

5.46	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. Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble Area of slab upto 0.50 sqm. (Refer CPWD DSR'14, Item No. 8.2.2.2)	195.30	SQM	4572.15	892940.90	INR Eight Lakh Ninety Two Thousand Nine Hundred & Forty and Paise Ninety Only
5.47	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws : 30 mm thick shutters with ISI marked M.S. pressed butt hinges bright finished of required size. Second class teak wood (Refer CPWD DSR'14, Item No. 9.27.2.1.1)	60.00	SQM	3306.60	198396.00	INR One Lakh Ninety Eight Thousand Three Hundred & Ninety Six Only
5.48	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item):. With float glass panes of 4.0 mm thickness (Refer CPWD DSR'14, Item No. 21.3.1)	155.00	SQM	916.50	142057.50	INR One Lakh Forty Two Thousand & Fifty Seven and Paise Fifty Only
5.49	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle. Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion. Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) (Refer CPWD DSR'14, Item No. 21.1.1.1)	100.00	KG	394.50	39450.00	INR Thirty Nine Thousand Four Hundred & Fifty Only
5.50	6mm cement plaster of mix: 1:3 (1 cement : 3 fine sand) (Refer CPWD DSR'14 Item No. 13.16.1)	1550.00	SQM	198.45	307597.50	INR Three Lakh Seven Thousand Five Hundred & Ninety Seven and Paise Fifty Only
5.51	20 mm cement plaster :1:6 (1 cement : 6 fine sand) (Refer CPWD DSR'14, Item No. 13.3.2)	775.00	SQM	308.20	238855.00	INR Two Lakh Thirty Eight Thousand Eight Hundred & Fifty Five Only
5.52	Grading roof for water proofing treatment with Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) (Refer CPWD DSR'14, Item No. 22.14.1)	154.00	CUM	6519.40	1003987.60	INR Ten Lakh Three Thousand Nine Hundred & Eighty Seven and Paise Sixty Only
5.53	Removing old tarfell and disposal of debris with all lead complete job as per direction of EIC (Refer JH SOR 5.10.20(DR))	3850.00	SQM	52.00	200200.00	INR Two Lakh Two Hundred Only

5.54	Supply of ISI marked oxidised M.S. handles conforming to IS:4992 as per direction of EIC: 125 mm (Refer CPWD DSR'14, Item No.9.66.1)	310.00	NO	316.15	98006.50	INR Ninety Eight Thousand & Six and Paise Fifty Only
5.55	Supply of ISI marked oxidised M.S. handles conforming to IS:4992 as per direction of EIC: 100 mm (Refer CPWD DSR'14, Item No. 9.66.2)	155.00	NO	303.80	47089.00	INR Forty Seven Thousand & Eighty Nine Only
5.56	Supply of ISI marked oxidised M.S. tower bolt black finish, (Barrel type) as per direction of EIC: 150x10 mm (Refer CPWD DSR'14, Item No.9.63.3)	310.00	NO	187.55	58140.50	INR Fifty Eight Thousand One Hundred & Forty and Paise Fifty Only
5.57	Supply of ISI marked oxidised M.S. tower bolt black finish, (Barrel type) as per direction of EIC: 100x10 mm (Refer CPWD DSR'14, Item No.9.63.4)	155.00	NO	128.75	19956.25	INR Nineteen Thousand Nine Hundred & Fifty Six and Paise Twenty Five Only
5.58	Supply of ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete as per direction of EIC: 300x16 mm (Refer CPWD DSR'14, Item No.9.62.1)	155.00	NO	341.60	52948.00	INR Fifty Two Thousand Nine Hundred & Forty Eight Only
5.59	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete. the body, door weight upto 35 kg and door width from 701 mm to (Refer CPWD DSR'14, Item No. 9.83)	50.00	NO	1457.85	72892.50	INR Seventy Two Thousand Eight Hundred & Ninety Two and Paise Fifty Only
5.60	Removal of vegetation growth from wall surface by necessary dismantling of plaster, cutting of walls as per requirement and uprooting of vegetation from walls surface with root and applying desired chemical to restrict further growth of vegetation including all materials, labours and necessary scaffolding etc all complete as per instruction of EIC. (Excluding cost of grouting, plastering and making good the surface) (Analysed rate)	155.00	sqm	185.84	28805.20	INR Twenty Eight Thousand Eight Hundred & Five and Paise Twenty Only
5.61	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 (Refer CPWD DSR'14, Item No.22.19.1)	3850.00	SQM	456.75	1758487.50	INR Seventeen Lakh Fifty Eight Thousand Four Hundred & Eighty Seven and Paise Fifty Only
5.62	Providing and fixing ISI marked oxidised M.S. pressed butt hinges with necessary screws etc. complete. 125x65x2.12 mm (Refer CPWD DSR'14, Item No.9.57.1)	310.00	NO	56.25	17437.50	INR Seventeen Thousand Four Hundred & Thirty Seven and Paise Fifty Only
6.00	PART- "F" (WATER SUPPLY & SANITATION)					

6.01	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS : 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain board 470x420 mm bowl depth 178 mm. (Refer CPWD DSR'14, Item No. 17.10.2.3)	155.00	EACH	3875.80	600749.00	INR Six Lakh Seven Hundred & Forty Nine Only
6.02	Providing and fixing white vitreous china water closet squatting pan (Indian type) : Orissa pattern W.C. pan of size 580x440 mm (Refer CPWD DSR'14, Item No. 17.13.2)	155.00	EACH	2573.75	398931.25	INR Three Lakh Ninety Eight Thousand Nine Hundred & Thirty One and Paise Twenty Five Only
6.03	Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan. (Refer CPWD DSR'14, Item No. 17.15)	50.00	EACH	2457.60	122880.00	INR One Lakh Twenty Two Thousand Eight Hundred & Eighty Only
6.04	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: 1729 (Refer CPWD DSR'14, Item No. 17.60.1.2)	155.00	EACH	1124.25	174258.75	INR One Lakh Seventy Four Thousand Two Hundred & Fifty Eight and Paise Seventy Five Only
6.05	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require : White Vitreous China Flat back wash basin size 550x400 mm with single 15 mm C.P. brass pillar tap (Refer CPWD DSR'14, Item No. 17.7.4)	155.00	EACH	2354.55	364955.25	INR Three Lakh Sixty Four Thousand Nine Hundred & Fifty Five and Paise Twenty Five Only
6.06	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete. 10 litre capacity - White (Refer CPWD DSR'14, Item No. 17.18.1)	155.00	EACH	986.40	152892.00	INR One Lakh Fifty Two Thousand Eight Hundred & Ninety Two Only
6.07	Providing, hoisting and fixing up to floor five level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but excluding cost of reinforcement, with 1:2:4 (1cement : 2coarse sand : 4graded stone aggregate 20 mm nominal size). (Refer CPWD DSR'14, Item No. 5.12)	41.85	CUM	7784.00	325760.40	INR Three Lakh Twenty Five Thousand Seven Hundred & Sixty and Paise Forty Only
6.08	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars (Refer CPWD DSR'14, Item No. 5.22.6)	3348.00	KG	87.35	292447.80	INR Two Lakh Ninety Two Thousand Four Hundred & Forty Seven and Paise Eighty Only
6.09	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1cement : 4fine sand) (Refer CPWD DSR'14, Item No. 13.7.2)	310.00	SQM	294.40	91264.00	INR Ninety One Thousand Two Hundred & Sixty Four Only
6.10	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 5 in foundation and plinth in: Cement mortar 1:6 (1cement : 6coarse sand) (Refer CPWD DSR'14, Item No. 6.1.2 DR)	19.38	CUM	5707.75	110616.20	INR One Lakh Ten Thousand Six Hundred & Sixteen and Paise Nineteen Only
6.11	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively. (Refer CPWD DSR'14, Item No.17.23)	50.00	EACH	1143.60	57180.00	INR Fifty Seven Thousand One Hundred & Seventy Nine and Paise One Hundred Only

6.12	Providing and fixing white vitreous china squatting plate urinal with integral rim longitudinal flush pipe.(Refer CPWD DSR'14, Item No. 17.24)	20.00	EACH	3460.15	69203.00	INR Sixty Nine Thousand Two Hundred & Three Only
6.13	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, ISI : 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. (Refer CPWD DSR'14, Item No. 18.48)	25000.00	Litre	8.10	202500.00	INR Two Lakh Two Thousand Five Hundred Only
6.14	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. 15 mm dia (Analysed Rate)	105.00	EACH	43.16	4531.80	INR Four Thousand Five Hundred & Thirty One and Paise Eighty Only
6.15	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Elbow 20mm (Analysed Rate)	110.00	EACH	80.31	8834.10	INR Eight Thousand Eight Hundred & Thirty Four and Paise Ten Only
6.16	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Elbow 25mm (Analysed Rate)	115.00	EACH	110.42	12698.30	INR Twelve Thousand Six Hundred & Ninety Eight and Paise Thirty Only
6.17	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Elbow 32 mm (Analysed Rate)	100.00	EACH	178.68	17868.00	INR Seventeen Thousand Eight Hundred & Sixty Eight Only
6.18	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Elbow 40mm (Analysed Rate)	120.00	EACH	224.85	26982.00	INR Twenty Six Thousand Nine Hundred & Eighty Two Only
6.19	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Elbow 50mm (Analysed Rate)	150.00	EACH	427.63	64144.50	INR Sixty Four Thousand One Hundred & Forty Four and Paise Fifty Only
6.20	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Elbow 65mm (Analysed Rate)	20.00	EACH	686.61	13732.20	INR Thirteen Thousand Seven Hundred & Thirty Two and Paise Twenty Only
6.21	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Elbow 80mm (Analysed Rate)	30.00	EACH	917.49	27524.70	INR Twenty Seven Thousand Five Hundred & Twenty Four and Paise Seventy Only
6.22	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Elbow 100mm (Analysed Rate)	15.00	EACH	1789.80	26847.00	INR Twenty Six Thousand Eight Hundred & Forty Seven Only
6.23	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. TEE 15 mm dia	100.00	EACH	68.25	6825.00	INR Six Thousand Eight Hundred & Twenty Five Only
6.24	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. TEE 20mm (Analysed Rate)	100.00	EACH	108.42	10842.00	INR Ten Thousand Eight Hundred & Forty Two Only
6.25	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. TEE 25mm (Analysed Rate)	90.00	EACH	150.72	13564.80	INR Thirteen Thousand Five Hundred & Sixty Four and Paise Eighty Only
6.26	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. TEE 32 mm (Refer: Analysed Rate)	30.00	EACH	255.97	7679.10	INR Seven Thousand Six Hundred & Seventy Nine and Paise Ten Only

6.27	Supplying and fixing G.I. fitting of approved make all complete as per specification and directon of E/I. TEE 40mm (Analysed Rate)	50.00	EACH	333.27	16663.50	INR Sixteen Thousand Six Hundred & Sixty Three and Paise Fifty Only
6.28	Supplying and fixing G.I. fitting of approved make all complete as per specification and directon of E/I. TEE 50mm (Analysed Rate)	20.00	EACH	362.40	7248.00	INR Seven Thousand Two Hundred & Forty Eight Only
6.29	Supplying and fixing G.I. fitting of approved make all complete as per specification and directon of E/I. TEE 65mm (Refer: Analysed Rate)	20.00	EACH	581.87	11637.40	INR Eleven Thousand Six Hundred & Thirty Seven and Paise Forty Only
6.30	Supplying and fixing G.I. fitting of approved make all complete as per specification and directon of E/I. TEE 80mm (Analysed Rate)	20.00	EACH	777.53	15550.60	INR Fifteen Thousand Five Hundred & Fifty and Paise Sixty Only
6.31	Supplying and fixing G.I. fitting of approved make all complete as per specification and directon of E/I. TEE 100mm (Analysed Rate)	15.00	EACH	1516.79	22751.85	INR Twenty Two Thousand Seven Hundred & Fifty One and Paise Eighty Five Only
6.32	Supplying and fixing G.I. fitting of approved make all complete as per specification and directon of E/I. Reducer 20 mm dia	100.00	EACH	65.15	6515.00	INR Six Thousand Five Hundred & Fifteen Only
6.33	Supplying and fixing G.I. fitting of approved make all complete as per specification and directon of E/I. 25mm (Analysed Rate)	80.00	EACH	77.00	6160.00	INR Six Thousand One Hundred & Sixty Only
6.34	Supplying and fixing G.I. fitting of approved make all complete as per specification and directon of E/I. Reducer32 mm (Analysed Rate)	50.00	EACH	97.13	4856.50	INR Four Thousand Eight Hundred & Fifty Six and Paise Fifty Only
6.35	Supplying and fixing G.I. fitting of approved make all complete as per specification and directon of E/I. Reducer 40mm (Refer: Analysed Rate)	30.00	EACH	136.22	4086.60	INR Four Thousand & Eighty Six and Paise Sixty Only
6.36	Supplying and fixing G.I. fitting of approved make all complete as per specification and directon of E/I. Reducer 50mm (Analysed Rate)	30.00	EACH	266.51	7995.30	INR Seven Thousand Nine Hundred & Ninety Five and Paise Thirty Only
6.37	Supplying and fixing G.I. fitting of approved make all complete as per specification and directon of E/I. Reducer 65mm (Analysed Rate)	20.00	EACH	343.39	6867.80	INR Six Thousand Eight Hundred & Sixty Seven and Paise Eighty Only
6.38	Supplying and fixing G.I. fitting of approved make all complete as per specification and directon of E/I. Reducer 80mm (Refer: Analysed Rate)	20.00	EACH	532.55	10651.00	INR Ten Thousand Six Hundred & Fifty One Only
6.39	Supplying and fixing G.I. fitting of approved make all complete as per specification and directon of E/I. Reducer 100mm (Analysed Rate)	20.00	EACH	900.04	18000.80	INR Eighteen Thousand and Paise Eighty Only
6.40	Supplying and fixing G.I. fitting of approved make all complete as per specification and directon of E/I. Nipple 15mm dia (Analysed Rate)	50.00	EACH	53.66	2683.00	INR Two Thousand Six Hundred & Eighty Three Only
6.41	Supplying and fixing G.I. fitting of approved make all complete as per specification and directon of E/I. 20mm (Refer: Analysed Rate)	60.00	EACH	58.22	3493.20	INR Three Thousand Four Hundred & Ninety Three and Paise Twenty Only
6.42	Supplying and fixing G.I. fitting of approved make all complete as per specification and directon of E/I. Nipple 25mm (Analysed Rate)	65.00	EACH	136.22	8854.30	INR Eight Thousand Eight Hundred & Fifty Four and Paise Thirty Only
6.43	Supplying and fixing G.I. fitting of approved make all complete as per specification and directon of E/I. Nipple 32 mm (Analysed Rate)	50.00	EACH	229.73	11486.50	INR Eleven Thousand Four Hundred & Eighty Six and Paise Fifty Only

6.44	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Nipple 40mm (Analysed Rate)	40.00	EACH	273.80	10952.00	INR Ten Thousand Nine Hundred & Fifty Two Only
6.45	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Nipple 50mm (Analysed Rate)	30.00	EACH	413.92	12417.60	INR Twelve Thousand Four Hundred & Seventeen and Paise Sixty Only
6.46	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Nipple 65mm (Analysed Rate)	30.00	EACH	579.22	17376.60	INR Seventeen Thousand Three Hundred & Seventy Six and Paise Sixty Only
6.47	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Nipple 80mm (Analysed Rate)	20.00	EACH	866.76	17335.20	INR Seventeen Thousand Three Hundred & Thirty Five and Paise Twenty Only
6.48	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Nipple 100mm (Analysed Rate)	50.00	EACH	1426.67	71333.50	INR Seventy One Thousand Three Hundred & Thirty Three and Paise Fifty Only
6.49	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Bend 15 mm dia (Analysed Rate)	40.00	EACH	35.77	1430.80	INR One Thousand Four Hundred & Thirty and Paise Eighty Only
6.50	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Bend 20mm (Analysed Rate)	50.00	EACH	49.51	2475.50	INR Two Thousand Four Hundred & Seventy Five and Paise Fifty Only
6.51	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Bend 25mm (Analysed Rate)	50.00	EACH	67.40	3370.00	INR Three Thousand Three Hundred & Seventy Only
6.52	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Bend 32 mm (Analysed Rate)	50.00	EACH	121.06	6053.00	INR Six Thousand & Fifty Three Only
6.53	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Bend 40mm (Analysed Rate)	45.00	EACH	144.45	6500.25	INR Six Thousand Five Hundred and Paise Twenty Five Only
6.54	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Bend 50mm (Analysed Rate)	60.00	EACH	233.88	14032.80	INR Fourteen Thousand & Thirty Two and Paise Eighty Only
6.55	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Bend 65mm (Analysed Rate)	30.00	EACH	408.59	12257.70	INR Twelve Thousand Two Hundred & Fifty Seven and Paise Seventy Only
6.56	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Bend 80mm (Analysed Rate)	40.00	EACH	574.9	22996.00	INR Twenty Two Thousand Nine Hundred & Ninety Six Only
6.57	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. Bend 100mm (Analysed Rate)	50.00	EACH	1146	57300.00	INR Fifty Seven Thousand Three Hundred Only
6.58	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. G I Union 15 mm dia (Analysed Rate)	110.00	EACH	95.35	10488.50	INR Ten Thousand Four Hundred & Eighty Eight and Paise Fifty Only
6.59	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. G I Union 20mm (Analysed Rate)	105.00	EACH	137.7	14458.50	INR Fourteen Thousand Four Hundred & Fifty Eight and Paise Fifty Only
6.60	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. G I Union 25mm (Analysed Rate)	100.00	EACH	188.63	18863.00	INR Eighteen Thousand Eight Hundred & Sixty Three Only

6.61	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. G I Union 32 mm (Analysed Rate)	85.00	EACH	290.56	24697.60	INR Twenty Four Thousand Six Hundred & Ninety Seven and Paise Sixty Only
6.62	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. G I Union 40mm (Refer: Analysed Rate)	85.00	EACH	331.72	28196.20	INR Twenty Eight Thousand One Hundred & Ninety Six and Paise Twenty Only
6.63	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. G I Union 50mm (Analysed Rate)	80.00	EACH	500.10	40008.00	INR Forty Thousand & Eight Only
6.64	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. G I Union 65mm (Analysed Rate)	50.00	EACH	1007.06	50353.00	INR Fifty Thousand Three Hundred & Fifty Three Only
6.65	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. G I Union 80mm (Analysed Rate)	45.00	EACH	1412.10	63544.50	INR Sixty Three Thousand Five Hundred & Forty Four and Paise Fifty Only
6.66	Supplying and fixing G.I. fitting of approved make all complete as per specification and direction of E/I. G I Union 100mm (Analysed Rate)	35.00	EACH	1910.95	66883.25	INR Sixty Six Thousand Eight Hundred & Eighty Three and Paise Twenty Five Only
6.67	Providing & fixing GI Flange including necessary fitting tools and tackles all complete job as per instruction of EIC 25 mm Flange (Analysed Rate)	100.00	EACH	103.17	10317.00	INR Ten Thousand Three Hundred & Seventeen Only
6.68	Providing & fixing GI Flange including necessary fitting tools and tackles all complete job as per instruction of EIC 32mm Flange (Analysed Rate)	90.00	EACH	123.84	11145.60	INR Eleven Thousand One Hundred & Forty Five and Paise Sixty Only
6.69	Providing & fixing GI Flange including necessary fitting tools and tackles all complete job as per instruction of EIC 40mm Flange (Analysed Rate)	100.00	EACH	136.22	13622.00	INR Thirteen Thousand Six Hundred & Twenty Two Only
6.70	Providing & fixing GI Flange including necessary fitting tools and tackles all complete job as per instruction of EIC 50mm Flange (Analysed Rate)	150.00	EACH	247.64	37146.00	INR Thirty Seven Thousand One Hundred & Forty Six Only
6.71	Providing & fixing GI Flange including necessary fitting tools and tackles all complete job as per instruction of EIC 65mm Flange (Analysed Rate)	50.00	EACH	288.90	14445.00	INR Fourteen Thousand Four Hundred & Forty Four and Paise One Hundred Only
6.72	Providing & fixing GI Flange including necessary fitting tools and tackles all complete job as per instruction of EIC 80mm Flange (Analysed Rate)	100.00	EACH	350.85	35085.00	INR Thirty Five Thousand & Eighty Five Only
6.73	Providing & fixing GI Flange including necessary fitting tools and tackles all complete job as per instruction of EIC 100mm Flange (Analysed Rate)	150.00	EACH	433.35	65002.50	INR Sixty Five Thousand & Two and Paise Fifty Only
6.74	Providing & fixing GI Flange including necessary fitting tools and tackles all complete job as per instruction of EIC 150mm Flange (Analysed Rate)	120.00	EACH	1100.64	132076.80	INR One Lakh Thirty Two Thousand & Seventy Six and Paise Eighty Only
6.75	Providing & fixing GI Flange including necessary fitting tools and tackles all complete job as per instruction of EIC 200mm (Analysed Rate)	150.00	EACH	1650.96	247644.00	INR Two Lakh Forty Seven Thousand Six Hundred & Forty Four Only
6.76	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 (Refer CPWD DSR'14, Item No. 18.13.1)	65.00	EACH	649.25	42201.25	INR Forty Two Thousand Two Hundred & One and Paise Twenty Five Only

6.77	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. 50 to 80 mm nominal bore (Refer CPWD DSR'14, Item No. 18.13.2)	50.00	EACH	1291.35	64567.50	INR Sixty Four Thousand Five Hundred & Sixty Seven and Paise Fifty Only
6.78	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Semi rigid pipe 32 mm dia (Refer CPWD DSR'14, Item No.17.28.1.1)	155.00	EACH	198.75	30806.25	INR Thirty Thousand Eight Hundred & Six and Paise Twenty Five Only
6.79	Earth work in excavation (As per I.S. 3114/1965 for laying of different types and sizes of pipes so as to give one meter average cover over the socket of pipe with disposal of excavated earth within initial lead and lift as per specification and direction of Engineer in- Charge (Refer JH SOR 3.1.1)	651.00	CUM	173.80	113143.80	INR One Lakh Thirteen Thousand One Hundred & Forty Three and Paise Eighty Only
6.80	Earth work in back filling the trenches after laying different types and size of pipes with earth removed during excavation within initial lead and lift as per specification and direction of Engineer in- Charge. (For classification for Soil item - A & B) (Refer JH SOR 3.1.1.2)	505.00	CUM	144.84	73144.20	INR Seventy Three Thousand One Hundred & Forty Four and Paise Twenty Only
6.81	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 15 mm dia nominal size (Refer CPWD DSR'14, Item No.18.12.1)	155.00	METER	337.15	52258.25	INR Fifty Two Thousand Two Hundred & Fifty Eight and Paise Twenty Five Only
6.82	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 20 mm dia nominal bore (Refer CPWD DSR'14, Item No.18.12.2)	155.00	METER	402.30	62356.50	INR Sixty Two Thousand Three Hundred & Fifty Six and Paise Fifty Only
6.83	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 25 mm dia nominal bore (Refer CPWD DSR'14, Item No.18.12.3)	100.00	METER	536.15	53615.00	INR Fifty Three Thousand Six Hundred & Fifteen Only
6.84	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 32 mm dia nominal bore (Refer CPWD DSR'14, Item No. 18.12.4)	50.00	METER	641.60	32080.00	INR Thirty Two Thousand & Eighty Only
6.85	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 40 mm dia nominal bore (Refer CPWD DSR'14, Item No.18.12.5)	200.00	METER	730.05	146010.00	INR One Lakh Forty Six Thousand & Ten Only
6.86	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 50 mm dia nominal bore (Refer CPWD DSR'14, Item No. 18.12.6)	50.00	METER	995.45	49772.50	INR Forty Nine Thousand Seven Hundred & Seventy Two and Paise Fifty Only
6.87	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 65 mm dia nominal bore (Refer CPWD DSR'14, Item No.18.12.7)	50.00	METER	1254.15	62707.50	INR Sixty Two Thousand Seven Hundred & Seven and Paise Fifty Only
6.88	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 80 mm dia nominal bore (Refer CPWD DSR'14, Item No. 18.12.8)	50.00	METER	1557.45	77872.50	INR Seventy Seven Thousand Eight Hundred & Seventy Two and Paise Fifty Only
6.89	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 100 mm dia nominal bore (Analysed rate)	200.00	METER	2135.98	427196.00	INR Four Lakh Twenty Seven Thousand One Hundred & Ninety Six Only
6.90	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 150 mm dia nominal bore (Analysed rate)	50.00	METER	3276.72	163836.00	INR One Lakh Sixty Three Thousand Eight Hundred & Thirty Six Only

6.91	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 15 mm nominal outer dia Pipes (Refer CPWD DSR'14, Item No. 18.7.1)	1200.00	METER	223.20	267840.00	INR Two Lakh Sixty Seven Thousand Eight Hundred & Forty Only
6.92	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 20mm nominal outer dia Pipes (Refer CPWD DSR'14, Item No. 18.7.2)	1800.00	METER	286.20	515160.00	INR Five Lakh Fifteen Thousand One Hundred & Sixty Only
6.93	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 25 mm nominal outer dia Pipes (Refer CPWD DSR'14, Item No. 18.7.3)	1000.00	METER	349.60	349600.00	INR Three Lakh Forty Nine Thousand Six Hundred Only
6.94	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore (Refer CPWD DSR'14, Item No.18.17.1)	50.00	EACH	490.40	24520.00	INR Twenty Four Thousand Five Hundred & Twenty Only
6.95	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 32 mm nominal bore (Refer CPWD DSR'14, Item No. 18.17.2)	30.00	EACH	501.50	15045.00	INR Fifteen Thousand &Forty Five Only
6.96	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 40mm nominal bore (Refer CPWD DSR'14, Item No. 18.17.3)	65.00	EACH	669.10	43491.50	INR Forty Three Thousand Four Hundred & Ninety One and Paise Fifty Only
6.97	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 50mm nominal bore (Refer CPWD DSR'14, Item No. 18.17.4)	55.00	EACH	768.45	42264.75	INR Forty Two Thousand Two Hundred & Sixty Four and Paise Seventy Five Only
6.98	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 65 mm nominal bore (Refer CPWD DSR'14, Item No. 18.17.5)	30.00	EACH	1369.05	41071.50	INR Forty One Thousand &Seventy One and Paise Fifty Only
6.99	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 80mm nominal bore (Refer CPWD DSR'14, Item No. 18.17.6)	20.00	EACH	1955.70	39114.00	INR Thirty Nine Thousand One Hundred & Fourteen Only
7.00	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 15 mm nominal dai (Refer CPWD DSR'14, Item No. 18.18.1)	100.00	EACH	335.00	33500.00	INR Thirty Three Thousand Five Hundred Only
7.01	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal dai (Refer CPWD DSR'14, Item No. 18.18.2)	150.00	EACH	421.50	63225.00	INR Sixty Three Thousand Two Hundred & Twenty Five Only
7.02	Providing and fixing brass bib cock of approved quality : 15 mm nominal bore (Refer CPWD DSR'14, Item No.18.15.1)	150.00	EACH	458.05	68707.50	INR Sixty Eight Thousand Seven Hundred & Seven and Paise Fifty Only

7.03	Providing and fixing brass stop cock of approved quality : 15 mm nominal bore (Refer CPWD DSR'14, Item No.18.16.1)	50.00	EACH	458.05	22902.50	INR Twenty Two Thousand Nine Hundred & Two and Paise Fifty Only
7.04	Providing and fixing PTMT bib cock of approved quality and colour. 15mm nominal bore, 86 mm long. Weighing not less than 88 gms. (Refer CPWD DSR'14, Item No.18.54.1)	400.00	EACH	324.70	129880.00	INR One Lakh Twenty Nine Thousand Eight Hundred & Eighty Only
7.05	Welding by gas or electric plant including transportation of plant at site etc. complete.(Refer CPWD DSR'14, Item No.10.22)	10000.00	CM	4.60	46000.00	INR Forty Six Thousand Only
7.06	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 a) 15 mm nominal bore (Refer CPWD DSR'14, Item No.18.53.1)	100.00	EACH	597.40	59740.00	INR Fifty Nine Thousand Seven Hundred & Forty Only
7.07	Providing and fixing bolts including nuts and washers complete (Refer CPWD DSR'14, Item No.10.20)	100.00	KG	193.95	19395.00	INR Nineteen Thousand Three Hundred & Ninety Five Only
7.08	Providing and fixing PTMT pillar cock of approved quality and colour 15 mm nominal bore, 107 mm long, weighing not less than 110 gms (Refer CPWD DSR'14, Item No.18.56.1)	100.00	EACH	327.65	32765.00	INR Thirty Two Thousand Seven Hundred & Sixty Four and Paise One Hundred Only
7.09	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :100 mm diameter (Refer CPWD DSR'14, Item No.18.22.1)	120.00	EACH	228.85	27462.00	INR Twenty Seven Thousand Four Hundred & Sixty Two Only
7.10	Providing and fixing steel jali Stainless steel jali/Trap floor Drain for bathroom and Kitchen all complete as per direction of EIC (Analysed Rate)	150.00	EACH	97.35	14602.50	INR Fourteen Thousand Six Hundred & Two and Paise Fifty Only
7.11	Providing and fixing of heavy duty float valve with adjustable arm including all fitting as per requirement all complete as per EIC (Analysed Rate)	150.00	EACH	1335.72	200358.00	INR Two Lakh Three Hundred & Fifty Eight Only
7.12	Providing and fixing C.I. sluice valve of approved quality with bolts, nuts, rubber insertions etc. complete : 50 mm dia (Analysed Rate)	50.00	EACH	4705.41	235270.50	INR Two Lakh Thirty Five Thousand Two Hundred & Seventy and Paise Fifty Only
7.13	Providing and fixing C.I. sluice valve of approved quality with bolts, nuts, rubber insertions etc. complete : 65 mm dia (Analysed Rate)	15.00	EACH	5634.61	84519.15	INR Eighty Four Thousand Five Hundred & Nineteen and Paise Fifteen Only
7.14	Providing and fixing C.I. sluice valve of approved quality with bolts, nuts, rubber insertions etc. complete : 80mm dia (Analysed Rate)	10.00	EACH	6563.81	65638.10	INR Sixty Five Thousand Six Hundred & Thirty Eight and Paise Ten Only
7.15	Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately) : 100 mm diameter : Class I (Refer CPWD DSR'14, Item No. 18.31.1.1)	20.00	EACH	7570.35	151407.00	INR One Lakh Fifty One Thousand Four Hundred & Seven Only
7.16	Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately) : 125 mm diameter : Class I (Refer CPWD DSR'14, Item No. 18.31.2.1)	10.00	EACH	7997.20	79972.00	INR Seventy Nine Thousand Nine Hundred & Seventy Two Only
7.17	Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately) : 150 mm diameter : Class I (Refer CPWD DSR'14, Item No. 18.31.3.1)	10.00	EACH	9256.45	92564.50	INR Ninety Two Thousand Five Hundred & Sixty Four and Paise Fifty Only
7.18	Providing lead caulked joints to spun iron or C.I. pipes and specials, including testing of joints but excluding the cost of pig lead : 100 mm diameter pipe (Refer CPWD DSR'14, Item No.18.28.1)	10.00	EACH	312.65	3126.50	INR Three Thousand One Hundred & Twenty Six and Paise Fifty Only

7.19	Supplying pig lead at site of work. (Refer CPWD DSR'14, Item No. 18.29)	100.00	kg	234.62	23462.00	INR Twenty Three Thousand Four Hundred & Sixty Two Only
7.20	Cleaning of inspection chamber of all sizes and disposal of sludge etc at specified place outside the colony with all leads including removal & replacing of top cover mending the damages of cover and chamber if any etc all complete as per direction of EIC (Analysed Rate)	155.00	EACH	195.13	30245.15	INR Thirty Thousand Two Hundred & Forty Five and Paise Fifteen Only
7.21	Cleaning of septic tank of 20 users capacity with tools & tackles including disposal of sludge materials outside the periphery of colony with all leads at a specified place complete as per direction of EIC (Analysed Rate)	50.00	EACH	1147.56	57378.00	INR Fifty Seven Thousand Three Hundred & Seventy Eight Only
7.22	Brooming and cleaning of all roads in colony and within the premises of service buildings and other places as required with all tools & tackles and stacking the garbage at specified places as per instruction of Engineer-in-charge. (Analysed Rate)	171824.03	SQM	4.27	733688.61	INR Seven Lakh Thirty Three Thousand Six Hundred & Eighty Eight and Paise Sixty One Only
7.23	Cleaning of surface drain including disposal of muck, sludge through trolley or other arrangement at a specified place (in no case it should be kept on drain bank) within a lead of 1 KM with all tools and tackles complete as per instruction of Engineer-in-charge. Up to 300 mm to 600 mm wide drain. (Analysed Rate)	10925.77	METER	2.93	32012.51	INR Thirty Two Thousand & Twelve and Paise Fifty One Only
7.24	Cleaning of surface drain including disposal of muck, sludge through trolley or other arrangement at a specified place (in no case it should be kept on drain bank) within a lead of 1 KM with all tools and tackles complete as per instruction of Engineer-in-charge. more than 600 mm wide drain. (Analysed Rate)	7050.00	METER	3.90	27495.00	INR Twenty Seven Thousand Four Hundred & Ninety Five Only
7.25	Cleaning all type of roofs including of dry leaves, weedings, and cleaning drain holes, brooming etc all complete with tools & tackles and stacking the garbage at specified place as per direction of Engineer-in-charge. (Analysed Rate)	41179.76	SQM	0.29	11942.13	INR Eleven Thousand Nine Hundred & Forty Two and Paise Thirteen Only
7.26	cleaning & removal of accumulated earth, garbage, builder, rubbish and other waste materials, disposal of the same with the lead up to 50 meter & lift up to 1.50 meter all complete as per direction of EIC (Paid quantity is reduce by 20% for voids) (Analysed Rate)	3958.51	CUM	302.57	1197726.37	INR Eleven Lakh Ninety Seven Thousand Seven Hundred & Twenty Six and Paise Thirty Seven Only
7.27	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared. (Refer CPWD DSR'14, Item No. 2.32)	450.00	SQM	501.35	225607.50	INR Two Lakh Twenty Five Thousand Six Hundred & Seven and Paise Fifty Only
7.28	Clearing and uprooting of rank vegetation, grass, brush wood, and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared. (Refer: Analysed Rate)	120.00	SQM	846.03	101523.60	INR One Lakh One Thousand Five Hundred & Twenty Three and Paise Sixty Only
7.29	Carriage of Manure or sludge including loading, unloading and stacking with one km lead. (Refer CPWD DSR'14, Item No.1.1.3)	3958.51	CUM	119.52	473121.12	INR Four Lakh Seventy Three Thousand One Hundred & Twenty One and Paise Twelve Only
7.30	Carriage of Earth including loading, unloading and stacking with one km lead. (Refer CPWD DSR'14, Item No.1.1.2)	250.00	CUM	137.45	34362.50	INR Thirty Four Thousand Three Hundred & Sixty Two and Paise Fifty Only

7.31	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) pipesincluding all UPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step UPVC 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 walls.15 mm nominal outer dia Pipes (Analysed Rate)	150.00	METER	185.28	27792.00	INR Twenty Seven Thousand Seven Hundred & Ninety Two Only
7.32	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) pipesincluding all UPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step UPVC 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 walls.25 mm nominal outer dia Pipes (Analysed Rate)	500.00	METER	333.71	166855.00	INR One Lakh Sixty Six Thousand Eight Hundred & Fifty Five Only
7.33	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) pipesincluding all UPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step UPVC 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 walls. 20 mm nominal outer dia Pipes (Analysed Rate)	350.00	METER	290.22	101577.00	INR One Lakh One Thousand Five Hundred & Seventy Seven Only
7.34	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Brass Ball valve with Brass threaded (one side), including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 15 mm Brass ball valve .(Analysed Rate)	50.00	EACH	190.89	9544.50	INR Nine Thousand Five Hundred & Forty Four and Paise Fifty Only
7.35	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Brass Ball valve with Brass threaded (one side), including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 20 mm Brass ball valve .(Analysed Rate)	20.00	EACH	231.54	4630.80	INR Four Thousand Six Hundred & Thirty and Paise Eighty Only
7.36	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Brass Ball valve with Brass threaded (one side), including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 25 mm Brass ball valve .(Analysed Rate)	10.00	EACH	293.74	2937.40	INR Two Thousand Nine Hundred & Thirty Seven and Paise Forty Only
7.37	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Elbow including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 15mm dia. 90 degree Elbow.(Analysed Rate)	550.00	EACH	39.89	21939.50	INR Twenty One Thousand Nine Hundred & Thirty Nine and Paise Fifty Only

7.38	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Elbow including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 20 mm dia. 90 degree Elbow.(Analysed Rate)	500.00	EACH	51.51	25755.00	INR Twenty Five Thousand Seven Hundred & Fifty Five Only
7.39	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Elbow including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 25mm dia. 90 degree Elbow.(Analysed Rate)	450.00	EACH	63.12	28404.00	INR Twenty Eight Thousand Four Hundred & Four Only
7.40	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Reducer including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 15mm dia. 90 degree Reducer.(Analysed Rate)	150.00	EACH	49.77	7465.50	INR Seven Thousand Four Hundred & Sixty Five and Paise Fifty Only
7.41	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Reducer including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 20 mm dia. 90 degree Reducer.(Analysed Rate)	100.00	EACH	52.10	5210.00	INR Five Thousand Two Hundred & Ten Only
7.42	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Reducer including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 25 mm dia. 90 degree Reducer.(Analysed Rate)	50.00	EACH	62.00	3100.00	INR Three Thousand One Hundred Only
7.43	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Tee including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 15 mm dia. Tee.(Analysed Rate)	350.00	EACH	20.50	7175.00	INR Seven Thousand One Hundred & Seventy Five Only
7.44	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Tee including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 20 mm dia. Tee.(Analysed Rate)	250.00	EACH	28.00	7000.00	INR Seven Thousand Only
7.45	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Tee including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 25 mm dia. Tee.(Analysed Rate)	150.00	EACH	43.50	6525.00	INR Six Thousand Five Hundred & Twenty Five Only
7.46	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Union including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 15 mm dia. Union.(Analysed Rate)	100.00	EACH	50.50	5050.00	INR Five Thousand & Fifty Only

7.47	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Union including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 20 mm dia. Union.(Analysed Rate)	150.00	EACH	78.00	11700.00	INR Eleven Thousand Seven Hundred Only
7.48	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Union including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 25 mm dia. Union.(Analysed Rate)	200.00	EACH	98.50	19700.00	INR Nineteen Thousand Seven Hundred Only
7.49	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Coupler including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 15 mm dia. Coupler.(Analysed Rate)	150.00	EACH	11.50	1725.00	INR One Thousand Seven Hundred & Twenty Five Only
7.50	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Coupler including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 20 mm dia. Coupler.(Analysed Rate)	120.00	EACH	14.00	1680.00	INR One Thousand Six Hundred & Eighty Only
7.51	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Coupler including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 25 mm dia. Coupler.(Analysed Rate)	100.00	EACH	23.50	2350.00	INR Two Thousand Three Hundred & Fifty Only
7.52	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Tank Nipple including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . .15 mm dia. 3 inch long . Nipple.(Analysed Rate)	50.00	EACH	52.50	2625.00	INR Two Thousand Six Hundred & Twenty Five Only
7.53	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Tank Nipple including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 20 mm dia. 3 inch long . Nipple.(Analysed Rate)	25.00	EACH	57.50	1437.50	INR One Thousand Four Hundred & Thirty Seven and Paise Fifty Only
7.54	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Tank Nipple including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 25 mm dia. 3 inch long . Nipple.(Analysed Rate)	120.00	EACH	87.00	10440.00	INR Ten Thousand Four Hundred & Forty Only
7.55	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Socket including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 20 mm dia Socket.(Analysed Rate)	160.00	EACH	20.00	3200.00	INR Three Thousand Two Hundred Only

7.56	Providing and fixing Unplasticized Polyvinyl Chloride (UPVC) Socket including all UPVC plain & brass threaded fittings, i/c with UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer . 25 mm. Socket.(Analysed Rate)	165.00	EACH	30.00	4950.00	INR Four Thousand Nine Hundred & Fifty Only
7.57	Providing and fixing UPVC 20 mm dia. Brass MTA as per instruction E.I.C . 20mm dia nominal size.(Analysed Rate)	50.00	EACH	130.00	6500.00	INR Six Thousand Five Hundred Only
7.58	Providing and fixing UPVC 15 mm dia. Plug as per instruction E.I.C .15mm dia nominal size.(Analysed Rate)	40.00	EACH	120.00	4800.00	INR Four Thousand Eight Hundred Only
7.59	Providing and fixing HDPE water supply 20mm dia roll pipe as per instruction E.I.C . (Analysed Rate)	500.00	kg	90.00	45000.00	INR Forty Five Thousand Only
8.00	PART- "G" (Electrical works)					
8.01	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel/PVC conduit including dismantling as required. Group A (Refer: CPWD DSR E&M- 2022 1.15.1)	1200.00	Point	445.00	534000.00	INR Five Lakh Thirty Four Thousand Only
8.02	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. 2 x 1.5 sq. mm (Refer: CPWD DSR E&M- 2022 1.17.2)	2400.00	Metre	58.00	139200.00	INR One Lakh Thirty Nine Thousand Two Hundred Only
8.03	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. 2 x 2.5 sq. mm (Refer: CPWD DSR E&M- 2022 1.17. 11)	1600.00	Metre	83.00	132800.00	INR One Lakh Thirty Two Thousand Eight Hundred Only
8.04	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. 2 x 4 sq. mm (Refer: CPWD DSR E&M- 2022 1.17. 20)	5000.00	Metre	124.00	620000.00	INR Six Lakh Twenty Thousand Only
8.05	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. 5/6 amps switch (Refer: CPWD DSR E&M- 2022 1.23.1)	1000.00	Each	40.00	40000.00	INR Forty Thousand Only
8.06	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. 15/16 A switch (Refer: CPWD DSR E&M- 2022 1.23.3)	200.00	Each	98.00	19600.00	INR Nineteen Thousand Six Hundred Only
8.07	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. 3 pin 5/6 A socket outlet (Refer: CPWD DSR E&M- 2022 1.23.4)	300.00	Each	55.00	16500.00	INR Sixteen Thousand Five Hundred Only
8.08	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. 6 pin 15/16 A socket outlet (Refer: CPWD DSR E&M- 2022 1.23.5)	175.00	Each	112.00	19600.00	INR Nineteen Thousand Six Hundred Only

8.09	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. (Refer: CPWD DSR E&M- 2022 1.25)	320.00	Each	311.00	99520.00	INR Ninety Nine Thousand Five Hundred & Twenty Only
8.10	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.(Refer: CPWD DSR E&M- 2022 1.33)	300.00	Each	67.00	20100.00	INR Twenty Thousand One Hundred Only
8.11	Supplying and fixing brass batten/ angle holder including connection etc. as required. (Refer: CPWD DSR E&M- 2022 1.34)	300.00	Each	103.00	30900.00	INR Thirty Thousand Nine Hundred Only
8.12	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) 6 way , Double door (Refer: CPWD DSR E&M- 2022 2.3.1)	150.00	Each	1869.00	280350.00	INR Two Lakh Eighty Thousand Three Hundred & Fifty Only
8.13	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 and neutral (Refer: CPWD DSR E&M- 2022 2.10.2)	450.00	Each	513.00	230850.00	INR Two Lakh Thirty Thousand Eight Hundred & Fifty Only
8.14	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required. (Refer: CPWD DSR E&M- 2022 5.2)	100.00	Each	5611.00	561100.00	INR Five Lakh Sixty One Thousand One Hundred Only
9.00	Total impact of GST for the purpose of CTC	1.000	Nos	0.00	0.00	INR Zero Only
Total in Figures					46692914.60	INR Four Crore Sixty Six Lakh Ninety Two Thousand Nine Hundred & Fourteen and Paise Sixty Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words	INR Zero Only					