

Tender Inviting Authority: Staff Officer Civil Piparwar Area.

Name of Work :Thorough repair and renovation of GM Office building under GM Unit, Piparwar Area.

	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 relevent 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	t	Estimated Rate in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1.01	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-in-charge.All kinds of soil.	34.320	Cum	128.05	4394.68	INR Four Thousand Three Hundred & Ninety Four and Paise Sixty Eight Only
1.02	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	2415.715	sqm	32.00	77302.88	INR Seventy Seven Thousand Three Hundred & Two and Paise Eighty Eight Only
1.03	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)	35.221	Cum	1412.40	49746.14	INR Forty Nine Thousand Seven Hundred & Forty Six and Paise Fourteen Only
1.04	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).	18.490	Cum	6494.75	120087.93	INR One Lakh Twenty Thousand & Eighty Seven and Paise Ninety Three Only
1.05	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 1:3 (1 cement :3 coarse sand)	26.100	sqm	828.35	21619.94	INR Twenty One Thousand Six Hundred & Nineteen and Paise Ninety Four Only

1.06	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)	17.085	Cum	6490.90	110897.03	INR One Lakh Ten Thousand Eight Hundred & Ninety Seven and Paise Three Only
1.07	12 mm cement plaster of mix :1:6 (1 cement: 6 fine sand)	2880.440	sqm	217.70	627071.79	INR Six Lakh Twenty Seven Thousand & Seventy One and Paise Seventy Nine Only
1.08	6 mm cement plaster of mix :1:3 (1 cement : 3 fine sand)	862.307	sqm	195.85	168882.83	INR One Lakh Sixty Eight Thousand Eight Hundred & Eighty Two and Paise Eighty Three Only
1.09	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement: 4 fine sand)	144.000	sqm	284.75	41004.00	INR Forty One Thousand & Four Only
1.10	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	1.861	Cum	7365.50	13707.20	INR Thirteen Thousand Seven Hundred & Seven and Paise Twenty Only
1.11	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. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	1.162	Cum	8441.35	9808.85	INR Nine Thousand Eight Hundred & Eight and Paise Eighty Five Only
1.12	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) : 3 graded stone aggregate 20 mm nominal size).	49.253	Cum	8797.65	433310.66	INR Four Lakh Thirty Three Thousand Three Hundred & Ten and Paise Sixty Six Only
1.13	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 of grade Fe-500D or more	4182.230	KG	75.85	317222.15	INR Three Lakh Seventeen Thousand Two Hundred & Twenty Two and Paise Fifteen Only
1.14	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	16.140	sqm	262.55	4237.56	INR Four Thousand Two Hundred & Thirty Seven and Paise Fifty Six Only
1.15	Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts	12.500	sqm	621.80	7772.50	INR Seven Thousand Seven Hundred & Seventy Two and Paise Fifty Only
1.16	Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform	427.025	sqm	587.10	250706.38	INR Two Lakh Fifty Thousand Seven Hundred & Six and Paise Thirty Eight Only

1.17	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 800x800 mm	1033.197	sqm	1582.65	1635189.23	INR Sixteen Lakh Thirty Five Thousand One Hundred & Eighty Nine and Paise Twenty Three Only
1.18	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50mm (base metal of minimum 0.45mm thickness with total coating thickness of 0.05mm) 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.	26.520	sqm	571.00	15142.92	INR Fifteen Thousand One Hundred & Forty Two and Paise Ninety Two Only
1.19	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). Size of Tile 600x600 mm	322.080	sqm	1369.15	440975.83	INR Four Lakh Forty Thousand Nine Hundred & Seventy Five and Paise Eighty Three Only
1.20	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 : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	53.570	sqm	762.80	40863.20	INR Forty Thousand Eight Hundred & Sixty Three and Paise Twenty Only
1.21	Providing and laying gang saw cut 18 mm thick, mirror polished premoulded and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in footpath, flooring cut granite stone of required size and shape of approved shade, colour and texture in footpath, flooring in road side plazas and similar locations, laid over 20mm thick base of cement mortar 1:4 (1 cement: 4 coarse sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge. With granite stone of area less than 0.50 sqm.	31.830	sqm	3466.35	110333.92	INR One Lakh Ten Thousand Three Hundred & Thirty Three and Paise Ninety Two Only
1.22	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	101.800	Mtr	313.60	31924.48	INR Thirty One Thousand Nine Hundred & Twenty Four and Paise Forty Eight Only
1.23	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.	5032.550	sqm	98.45	495454.55	INR Four Lakh Ninety Five Thousand Four Hundred & Fifty Four and Paise Fifty Five Only

1.24	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer, of required shade and colour all complete: New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre	5032.550	sqm	115.00	578743.25	INR Five Lakh Seventy Eight Thousand Seven Hundred & Forty Three and Paise Twenty Five Only
1.25	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	516.920	sqm	65.65	33935.80	INR Thirty Three Thousand Nine Hundred & Thirty Five and Paise Eighty Only
1.26	Finishing walls with textured exterior paint of required shade : New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm	4026.254	sqm	200.55	807465.24	INR Eight Lakh Seven Thousand Four Hundred & Sixty Five and Paise Twenty Four Only
1.27	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with: 12.5 mm thick tapered edge gypsum moisture resistant board	939.879	sqm	1037.85	975453.42	INR Nine Lakh Seventy Five Thousand Four Hundred & Fifty Three and Paise Forty Two Only
1.28	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 Powder coated aluminium (minimum thickness of powder coating 50 micron)	264.800	KG	395.15	104635.72	INR One Lakh Four Thousand Six Hundred & Thirty Five and Paise Seventy Two Only

1.29	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 shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)	160.250	KG	462.05	74043.51	INR Seventy Four Thousand &Forty Three and Paise Fifty One Only
1.30	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 (weight not less than 10 kg/ sqm)	154.860	sqm	824.65	127705.30	INR One Lakh Twenty Seven Thousand Seven Hundred & Five and Paise Thirty Only
1.31	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.	3099.444	KG	92.55	286853.54	INR Two Lakh Eighty Six Thousand Eight Hundred & Fifty Three and Paise Fifty Four Only
1.32	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.	198.900	KG	145.60	28959.84	INR Twenty Eight Thousand Nine Hundred & Fifty Nine and Paise Eighty Four Only
1.33	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	250.000	Mtr	262.40	65600.00	INR Sixty Five Thousand Six Hundred Only
1.34	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.75 mm diameter	100.000	Mtr	172.65	17265.00	INR Seventeen Thousand Two Hundred & Sixty Five Only
1.35	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	30.000	Nos	114.60	3438.00	INR Three Thousand Four Hundred & Thirty Eight Only
1.36	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°- 75 mm bend	20.000	Nos.	79.70	1594.00	INR One Thousand Five Hundred & Ninety Four Only

1.37	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. Single tee with door.110x110x110 mm	15.000	Nos.	178.35	2675.25	INR Two Thousand Six Hundred & Seventy Five and Paise Twenty Five Only
1.38	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. Single tee with door.75x75x75 mm	5.000	Nos.	122.90	614.50	INR Six Hundred & Fourteen and Paise Fifty Only
1.39	P/F UPVC pipe clips to UPVC rain water pipes : 75 mm	50.000	Nos.	236.00	11800.00	INR Eleven Thousand Eight Hundred Only
1.40	P/F UPVC pipe clips to UPVC rain water pipes : 110 mm	150.000	Nos.	234.80	35220.00	INR Thirty Five Thousand Two Hundred & Twenty Only
1.41	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC 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 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 walls etc.. 15 mm nominal outer dia Pipes	100.000	Mtr	336.20	33620.00	INR Thirty Three Thousand Six Hundred & Twenty Only
1.42	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC 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 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 walls etc.. 20 mm nominal outer dia Pipes	150.000	Mtr	399.20	59880.00	INR Fifty Nine Thousand Eight Hundred & Eighty Only
1.43	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. 25 mm nominal outer dia Pipes	180.000	Mtr	331.50	59670.00	INR Fifty Nine Thousand Six Hundred & Seventy Only

1.44	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	150.000	Mtr	255.85	38377.50	INR Thirty Eight Thousand Three Hundred & Seventy Seven and Paise Fifty Only
1.45	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of : Asbestos sheet/Polycarbonate sheet	282.620	sqm	45.80	12944.00	INR Twelve Thousand Nine Hundred & Forty Three and Paise One Hundred Only
1.46	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	1014.880	sqm	33.70	34201.46	INR Thirty Four Thousand Two Hundred & One and Paise Forty Six Only
1.47	Providing and fixing 12 mm thick toughened glass to structural steel frame at all heights as per instruction of EIC including all fittings such as silicon paste etc	120.560	sqm	5501.05	663206.59	INR Six Lakh Sixty Three Thousand Two Hundred & Six and Paise Fifty Nine Only
1.48	Providing & fixing UV stabilised fiberglass reinforced plastic sheet roofing up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel rovigs incorporating minimum 0.3% ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866.The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified. 2 mm thick corrugated (2.5" or 4.2" or 6") or step-down (2" or 3" or 6") as specified	162.060	sqm	1001.20	162254.47	INR One Lakh Sixty Two Thousand Two Hundred & Fifty Four and Paise Forty Seven Only
1.49	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, 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 using self drilling/ self tapping screws complete : Gutter (600 mm over all girth)	113.500	Mtr	916.10	103977.35	INR One Lakh Three Thousand Nine Hundred & Seventy Seven and Paise Thirty Five Only
1.50	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be Jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in-charge. Extruded section profile size 48x40 mm	28.000	Mtr	194.90	5457.20	INR Five Thousand Four Hundred & Fifty Seven and Paise Twenty Only

1.51	24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (\pm 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (\pm 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (\pm 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (\pm 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter).	7.312	sqm	1515.45	11080.97	INR Eleven Thousand & Eighty and Paise Ninety Seven Only
1.52	Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings : Flat back wash basin of size 630x450 mm	15.000	Nos.	998.00	14970.00	INR Fourteen Thousand Nine Hundred & Seventy Only
1.53	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. :15 mm nominal bore.	10.000	Nos.	615.00	6150.00	INR Six Thousand One Hundred & Fifty Only
1.54	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore.	30.000	Nos.	434.40	13032.00	INR Thirteen Thousand & Thirty Two Only
1.55	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore	15.000	Nos	428.84	6432.60	INR Six Thousand Four Hundred & Thirty Two and Paise Sixty Only
1.56	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	74.175	sqm	1575.70	116877.55	INR One Lakh Sixteen Thousand Eight Hundred & Seventy Seven and Paise Fifty Five Only
1.57	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.	6000.000	Liter	8.40	50400.00	INR Fifty Thousand Four Hundred Only
1.58	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.	5.000	Nos.	4774.45	23872.25	INR Twenty Three Thousand Eight Hundred & Seventy Two and Paise Twenty Five Only

1.59	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 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 : W.C. pan with ISI marked white solid plastic seat and lid.	12.000	Nos.	4565.40	54784.80	INR Fifty Four Thousand Seven Hundred & Eighty Four and Paise Eighty Only
1.60	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : One urinal basin with 5 litre white P.V.C. automatic flushing cistern.	5.000	Nos.	4257.55	21287.75	INR Twenty One Thousand Two Hundred & Eighty Seven and Paise Seventy Five Only
1.61	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water (250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge	6.000	Nos.	26302.11	157812.66	INR One Lakh Fifty Seven Thousand Eight Hundred & Twelve and Paise Sixty Six Only
1.62	Ease and adjusting windows and doors in required shape with necessary tools and tackles	40.000	Nos.	300.52	12020.80	INR Twelve Thousand & Twenty and Paise Eighty Only
1.63	Making 20 user septic tank as per design and drawing provided by EIC	2.000	Nos.	50583.90	101167.80	INR One Lakh One Thousand One Hundred & Sixty Seven and Paise Eighty Only
1.64	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. With common burnt clay F.P.S. (non modular) bricks of class designation 5.0	2.000	Nos.	21806.30	43612.60	INR Forty Three Thousand Six Hundred & Twelve and Paise Sixty Only
1.65	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	40.000	Nos.	85.20	3408.00	INR Three Thousand Four Hundred & Eight Only

1.66	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: a) Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. b) Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. c) The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium items The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete, as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminum Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places.	10.800	sqm	3884.15	41948.82	INR Forty One Thousand Nine Hundred & Forty Eight and Paise Eighty Two Only
1.67	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including pointing the joints with white cement and matching pigments etc., complete.	481.500	sqm	1014.10	488289.15	INR Four Lakh Eighty Eight Thousand Two Hundred & Eighty Nine and Paise Fifteen Only
1.68	P/F 150 mm bright finished floor brass door stopper with rubber cushion	60.000	Nos.	201.95	12117.00	INR Twelve Thousand One Hundred & Seventeen Only
1.69	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete	25.000	Nos.	878.30	21957.50	INR Twenty One Thousand Nine Hundred & Fifty Seven and Paise Fifty Only
1.70	Providing and Fixing of hand shower (health faucet) JAQUAR Body- Ald Chr-563 Brass Health Faucet with Tubes and Hooks (Chrome Finish) JAQUAR make or equivalent all complete as per direction of EIC.	15.000	Nos.	1382.54	20738.10	INR Twenty Thousand Seven Hundred & Thirty Eight and Paise Ten Only
1.71	Providing and Fixing of Pillar Cock Auto Closing System PRS-CHR-031 Pillar Cock Auto Closing System of Jaquar or its equivalent brand all fittings complete as per direction of EIC	15.000	Nos.	2918.11	43771.65	INR Forty Three Thousand Seven Hundred & Seventy One and Paise Sixty Five Only

1.72	Providing and fixing C.P. brass Two way bib cock of Hindware F740004CP Dove or equivalent; with Wall Flange, Brass with Chrome Finish approved quality conforming to IS:8931.18.49.1 15 mm nominal bore	10.000	Nos.	2062.23	20622.30	INR Twenty Thousand Six Hundred & Twenty Two and Paise Thirty Only
1.73	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	15.000	Nos.	1126.55	16898.25	INR Sixteen Thousand Eight Hundred & Ninety Eight and Paise Twenty Five Only
1.74	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms	15.000	Nos.	177.30	2659.50	INR Two Thousand Six Hundred & Fifty Nine and Paise Fifty Only
1.75	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	15.000	Nos.	127.00	1905.00	INR One Thousand Nine Hundred & Five Only
1.76	Providing and Fixing of under counter wash basin of size: 580x430 mm of Hindware garnet or its equivalent brand including all fittings complete as per direction of EIC	4.000	Nos.	6534.44	26137.76	INR Twenty Six Thousand One Hundred & Thirty Seven and Paise Seventy Six Only
1.77	Providing and fixing factory made 18 mm thick single extruded WPC (Wood Polymer Composite) solid plain white colour board Jali, CNC (Computer numeric control) routed of approved design by Engineer-in -charge which are machine cut for duct/ shaft covering, partitions and facades 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) 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 properties of being termite/borer proof, water/moisture proof and fire retardant and fixing on M.S (mild steel) frame made of 25 x 25 x 1.5 mm square hollow box section including applying a priming coat of approved steel primer, placed at grid made at 1.0 x 1.0 m or as per requirement at site with necessary stainless steel fasteners and SS screws etc., all complete as per direction of Engineer-In- Charge. (Note: M.S (mild steel) framework with priming coat and necessary SS fasteners and SS screws shall be paid separately.	63.000	sqm	2708.95	170663.85	INR One Lakh Seventy Thousand Six Hundred & Sixty Three and Paise Eighty Five Only
1.78	Providing and fixing plain lining with necessary screws/nuts & bolts/ nails, including a coat of approved primer on one face, and fixed on wooden /steel frame work, complete as per direction of Engineer-in- charge (Frame work shall be paid for separately). 12mm thick commercial ply conforming to IS : 1328 BWR type	264.900	sqm	903.10	239231.19	INR Two Lakh Thirty Nine Thousand Two Hundred & Thirty One and Paise Nineteen Only
1.79	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality. 1.0 mm thick	616.800	sqm	643.15	396694.92	INR Three Lakh Ninety Six Thousand Six Hundred & Ninety Four and Paise Ninety Two Only

1.80	Providing and fixing specified wood frame work consisting of battens 50x25mm fixed with rawl plug and drilling necessary holes for rawl plug etc. including priming coat complete. Kiln seasoned and chemically treated hollock wood	0.525	Cum	138418.45	72669.69	INR Seventy Two Thousand Six Hundred & Sixty Nine and Paise Sixty Nine Only
1.81	Providing and fixing in wall lining flat pressed three layer (medium density) particle board or graded wood Pre-laminated one side decorative lamination and other side balancing lamination Grade I, Type II, IS : 12823 marked, including priming coat on unexposed arrangement and screws etc. complete :25 mm thick	37.800	sqm	1460.65	55212.57	INR Fifty Five Thousand Two Hundred & Twelve and Paise Fifty Seven Only
1.82	Providing and fixing chromium brass handles with screws etc. complete: 125 mm	120.000	Each	196.25	23550.00	INR Twenty Three Thousand Five Hundred & Fifty Only
1.83	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete : 250x10 mm	120.000	Each	324.40	38928.00	INR Thirty Eight Thousand Nine Hundred & Twenty Eight Only
1.84	Providing and fixing bright finished brass door latch with necessary screws etc. complete : 250x16x5 mm	80.000	Each	224.85	17988.00	INR Seventeen Thousand Nine Hundred & Eighty Eight Only
1.85	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	40.000	Each	699.80	27992.00	INR Twenty Seven Thousand Nine Hundred & Ninety Two Only
1.86	Shifting of Records, furnitures and other items to make the room empty for repair/painting and keeping the furnitures back by deploying 2 nos manpower for a day	20.000	Day	1212.61	24252.20	INR Twenty Four Thousand Two Hundred & Fifty Two and Paise Twenty Only
1.87	Constructingbrickmasonryroadgullychamber50x45x60cmwithbricksin cementmortar1:4(1cement:4coarsesand)including500x450mmpre-cast R.C.C. horizontal grating with frame complete as per standard design : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	12.000	Each	4494.95	53939.40	INR Fifty Three Thousand Nine Hundred & Thirty Nine and Paise Forty Only
1.88	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand).	10.000	Cum	4441.45	44414.50	INR Forty Four Thousand Four Hundred & Fourteen and Paise Fifty Only
1.89	Chequered precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand). Dark shade pigment using ordinary cement	96.750	sqm	792.95	76717.91	INR Seventy Six Thousand Seven Hundred & Seventeen and Paise Ninety One Only

1.90	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) : Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300mm apart including drilling 12mm diameter holes and plugging with cement mortar 1:2 (1 cement: 2 coarse sand) to match the existing floor: With Chlorpyrifos E.C. 20% with 1% concentration	1086.767	sqm	183.90	199856.45	INR One Lakh Ninety Nine Thousand Eight Hundred & Fifty Six and Paise Forty Five Only
1.91	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) : Along the external wall below concrete or masonry apron using chemical emulsion @ 2.25 litres per linear metre including drilling and plugging holes etc.: With Chlorpyrifos E.C. 20% with 1% concentration	3640.000	Mtr	33.10	120484.00	INR One Lakh Twenty Thousand Four Hundred & Eighty Four Only
1.92	CARRIAGE OF MATERIALS: By Mechanical Transport including loading, unloading and stacking Lime, moorum, building rubbish Lead - 5 km	187.500	Cum	168.10	31518.75	INR Thirty One Thousand Five Hundred & Eighteen and Paise Seventy Five Only
1.93	Total impact of GST for the purpose of CTC	1.000	Nos	0.00	0.00	INR Zero Only
Total in Figures					12285315.78	INR One Crore Twenty Two Lakh Eighty Five Thousand Three Hundred & Fifteen and Paise Seventy Eight Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				