

Validate		Print		Help		Percentage BoQ	
Tender Inviting Authority: SO (Civil) B&K Area							
Name of Work: Repair and Maintenance of CISF Barrack C & D Company under Bokaro Colliery of BnK 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		
<p align="center">PRICE SCHEDULE</p> <p align="center">(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)</p>							
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	PART-A (Roof): 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.	1632.000	sqm	571.00	931872.00	INR Nine Lakh Thirty One Thousand Eight Hundred & Seventy Two Only	
2	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	643.250	sqm	1,037.85	667597.01	INR Six Lakh Sixty Seven Thousand Five Hundred & Ninety Seven and Paise One Only	
3	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of G.S. Sheet	1632.000	sqm	97.70	159446.40	INR One Lakh Fifty Nine Thousand Four Hundred & Forty Six and Paise Forty Only	
4	Providing and fixing APP (Atactic Polypropylene Polymer) modified prefabricated five layer 2 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 manufacture 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 -25°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacture of membrane.2mm (for corrugated roof sheets)	1632.000	sqm	367.05	599025.60	INR Five Lakh Ninety Nine Thousand &Twenty Five and Paise Sixty Only	
5	Extra for providing and fixing wind ties of 40x 6 mm flat iron section.	1008.000	mtr	138.75	139860.00	INR One Lakh Thirty Nine Thousand Eight Hundred & Sixty Only	

6	PART-B (Bathroom): 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.	31.670	sqm	762.80	24157.88	INR Twenty Four Thousand One Hundred & Fifty Seven and Paise Eighty Eight Only
7	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	117.120	sqm	871.30	102046.66	INR One Lakh Two Thousand & Forty Six and Paise Sixty Six Only
8	Finishing walls with Acrylic Smooth exterior paint of required shade .New work (Two or more coat applied @ 1.67 ILO 0 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sarM	275.850	sqm	115.85	31957.22	INR Thirty One Thousand Nine Hundred & Fifty Seven and Paise Twenty Two Only
9	12 mm cement plaster of mix :1:6 (1 cement: 6 fine sand)	99.690	sqm	217.70	21702.51	INR Twenty One Thousand Seven Hundred & Two and Paise Fifty One Only
10	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.	900.000	kg	92.55	83295.00	INR Eighty Three Thousand Two Hundred & Ninety Five Only
11	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	50.620	sqm	99.90	5056.94	INR Five Thousand & Fifty Six and Paise Ninety Four Only
12	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of: Asbestos Cement sheet	61.650	sqm	45.80	2823.57	INR Two Thousand Eight Hundred & Twenty Three and Paise Fifty Seven Only
13	Providing reinforced by organic fibres and/or inorganic synthetic fibres 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.	61.650	sqm	389.10	23988.02	INR Twenty Three Thousand Nine Hundred & Eighty Eight and Paise One Only
14	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 whiteP.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	8.000	Nos	4,774.45	38195.60	INR Thirty Eight Thousand One Hundred & Ninety Five and Paise Sixty Only
15	Providing and fixing brass bib cock of approved quality :15 mm nominal bore	16.000	Nos	263.75	4220.00	INR Four Thousand Two Hundred & Twenty Only
16	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 dia Pipes	45.000	mtr	200.90	9040.50	INR Nine Thousand & Forty and Paise Fifty Only
17	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 20 mm nominal dia Pipes	45.000	mtr	259.05	11657.25	INR Eleven Thousand Six Hundred & Fifty Seven and Paise Twenty Five Only
18	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 dia Pipes	50.000	mtr	331.50	16575.00	INR Sixteen Thousand Five Hundred & Seventy Five Only
19	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	45.000	Nos	262.40	11808.00	INR Eleven Thousand Eight Hundred & Seven and Paise One Hundred Only
20	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 without door 110x110x110 mm	8.000	Nos	165.60	1324.80	INR One Thousand Three Hundred & Twenty Four and Paise Eighty Only
21	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.	4000.000	ltr	8.40	33600.00	INR Thirty Three Thousand Six Hundred Only
22	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :25 mm nominal bore	2.000	Nos	462.15	924.30	INR Nine Hundred & Twenty Four and Paise Thirty Only
23	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :20 mm nominal bore	2.000	Nos	345.00	690.00	INR Six Hundred & Ninety Only
24	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded 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	30.000	sqm	452.50	13575.00	INR Thirteen Thousand Five Hundred & Seventy Five Only
25	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.	8.800	sqm	571.00	5024.80	INR Five Thousand & Twenty Four and Paise Eighty Only
26	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two or more coats on new work	50.000	sqm	99.90	4995.00	INR Four Thousand Nine Hundred & Ninety Five Only

27	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 for all lift, as directed by Engineer-in-charge.All kinds of soil	6.480	cum	128.05	829.76	INR Eight Hundred & Twenty Nine and Paise Seventy Six Only
28	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	6.480	cum	6,490.90	42061.03	INR Forty Two Thousand & Sixty One and Paise Three Only
29	PART-C (AC & DC Office): Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.Size of Tile 600x600 mm	109.660	sqm	1,180.40	129442.66	INR One Lakh Twenty Nine Thousand Four Hundred & Forty Two and Paise Sixty Six Only
30	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 600x600 mm	12.980	sqm	1,221.20	15851.18	INR Fifteen Thousand Eight Hundred & Fifty One and Paise Eighteen Only
31	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	112.450	sqm	1,037.85	116706.23	INR One Lakh Sixteen Thousand Seven Hundred & Six and Paise Twenty Three Only
32	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.	278.050	sqm	98.45	27374.02	INR Twenty Seven Thousand Three Hundred & Seventy Four and Paise Two Only
33	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.Two coats	278.050	sqm	89.25	24815.96	INR Twenty Four Thousand Eight Hundred & Fifteen and Paise Ninety Six Only
34	Providing reinforced by organic fibres and/or inorganic synthetic fibres 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.	75.500	sqm	389.10	29377.05	INR Twenty Nine Thousand Three Hundred & Seventy Seven and Paise Five Only
35	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer, 3 mm thick water proofing membrane, black finished reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufactured of density at 25°C, 0.87 - 0.89 kg/litre and viscosity 70 - 160 cps. Over the primer coat the layer of membrane shall be laid using butane torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 350/300 N/5 cm. Tear strength in longitudinal and transverse direction as 60/80N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane :3 mm thick	165.000	sqm	443.70	73210.50	INR Seventy Three Thousand Two Hundred & Ten and Paise Fifty Only
36	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)	3.580	cum	6,494.75	23251.21	INR Twenty Three Thousand Two Hundred & Fifty One and Paise Twenty One Only
37	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	3.580	cum	1,194.45	4276.13	INR Four Thousand Two Hundred & Seventy Six and Paise Thirteen Only
38	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of G.S. Sheet	75.500	sqm	97.70	7376.35	INR Seven Thousand Three Hundred & Seventy Six and Paise Thirty Five Only
39	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	709.050	kg	145.60	103237.68	INR One Lakh Three Thousand Two Hundred & Thirty Seven and Paise Sixty Eight Only

40	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 I 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 portionAnodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	81.630	kg	367.10	29966.37	INR Twenty Nine Thousand Nine Hundred & Sixty Six and Paise Thirty Seven Only
41	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 I 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)Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	45.220	kg	434.00	19625.48	INR Nineteen Thousand Six Hundred & Twenty Five and Paise Forty Eight Only
42	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 10kg/sqm)	11.680	sqm	824.65	9631.91	INR Nine Thousand Six Hundred & Thirty One and Paise Ninety One Only
43	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side	9.360	sqm	801.90	7505.78	INR Seven Thousand Five Hundred & Five and Paise Seventy Eight Only
44	Finishing walls with Acrylic Smooth exterior paint of required shade .New work (Two or more coat applied @ 1.67 ILO 0 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sarM	151.470	sqm	115.85	17547.80	INR Seventeen Thousand Five Hundred & Forty Seven and Paise Eighty Only
45	12 mm cement plaster of mix :1:6 (1 cement: 6 fine sand)	64.460	sqm	217.70	14032.94	INR Fourteen Thousand & Thirty Two and Paise Ninety Four Only
46	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete : (copper oxidized as per IS: 1378) 125 mm	12.000	Nos	29.85	358.20	INR Three Hundred & Fifty Eight and Paise Twenty Only
47	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete : (copper oxidized as per IS: 1378) 150x10 mm	6.000	Nos	44.85	269.10	INR Two Hundred & Sixty Nine and Paise Ten Only
48	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : (copper oxidized as per IS: 1378) 300x16 mm	6.000	Nos	153.75	922.50	INR Nine Hundred & Twenty Two and Paise Fifty Only
49	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.	6.000	Nos	878.30	5269.80	INR Five Thousand Two Hundred & Sixty Nine and Paise Eighty Only
50	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	1.000	Nos	4,774.45	4774.45	INR Four Thousand Seven Hundred & Seventy Four and Paise Forty Five Only
51	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	1.000	Nos	4,565.40	4565.40	INR Four Thousand Five Hundred & Sixty Five and Paise Forty Only
52	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid	2.000	Nos	5,766.90	11533.80	INR Eleven Thousand Five Hundred & Thirty Three and Paise Eighty Only
53	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.	2000.000	ltr	8.40	16800.00	INR Sixteen Thousand Eight Hundred Only
54	Providing and fixing white vitreous china flat back or wall corner type tipped 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	2.000	Nos	4,257.55	8515.10	INR Eight Thousand Five Hundred & Fifteen and Paise Ten Only
55	Providing and fixing brass bib cock of approved quality :15 mm nominal bore	6.000	Nos	263.75	1582.50	INR One Thousand Five Hundred & Eighty Two and Paise Fifty Only
56	Providing and fixing brass bib cock of approved quality :20 mm nominal bore	4.000	Nos	284.70	1138.80	INR One Thousand One Hundred & Thirty Eight and Paise Eighty Only

57	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 dia Pipes	50.000	mtr	331.50	16575.00	INR Sixteen Thousand Five Hundred & Seventy Five Only
58	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 20 mm nominal dia Pipes	24.000	mtr	259.05	6217.20	INR Six Thousand Two Hundred & Seventeen and Paise Twenty Only
59	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 dia Pipes	6.000	mtr	200.90	1205.40	INR One Thousand Two Hundred & Five and Paise Forty Only
60	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	12.000	Mtr	172.65	2071.80	INR Two Thousand & Seventy One and Paise Eighty Only
61	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm all complete. With 2nd class teak wood beading 62X19 mm	78.880	Sqm	962.20	75898.34	INR Seventy Five Thousand Eight Hundred & Ninety Eight and Paise Thirty Four Only
62	PART-D (Overhead tank): 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 for all lift, as directed by Engineer-in-charge.All kinds of soil	3.240	cum	128.05	414.88	INR Four Hundred & Fourteen and Paise Eighty Eight Only
63	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	3.240	cum	6,490.90	21030.52	INR Twenty One Thousand & Thirty and Paise Fifty Two Only
64	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.	625.220	kg	92.55	57864.11	INR Fifty Seven Thousand Eight Hundred & Sixty Four and Paise Eleven Only
65	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.	4.400	sqm	571.00	2512.40	INR Two Thousand Five Hundred & Twelve and Paise Forty Only
66	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	26.230	sqm	99.90	2620.38	INR Two Thousand Six Hundred & Twenty and Paise Thirty Eight Only
67	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :15 mm nominal bore	2.000	Nos	302.85	605.70	INR Six Hundred & Five and Paise Seventy Only
68	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :20 mm nominal bore	2.000	Nos	345.00	690.00	INR Six Hundred & Ninety Only
69	PART-E (Drain): 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, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	36.900	cum	188.45	6953.81	INR Six Thousand Nine Hundred & Fifty Three and Paise Eighty Only
70	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	1.950	cum	1,844.00	3595.80	INR Three Thousand Five Hundred & Ninety Five and Paise Eighty Only
71	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 40 mm nominal size derived from natural sources)	3.900	cum	5,524.65	21546.14	INR Twenty One Thousand Five Hundred & Forty Six and Paise Thirteen Only
72	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 (1 cement : 6 coarse sand)	14.950	cum	5,322.15	79566.14	INR Seventy Nine Thousand Five Hundred & Sixty Six and Paise Fourteen Only
73	12 mm cement plaster finished with a floating coat of neat cement of mix :1:4 (1 cement: 4 fine sand)	97.500	sqm	284.75	27763.13	INR Twenty Seven Thousand Seven Hundred & Sixty Three and Paise Twelve Only
74	Providing, hoisting and fixing above plinth level 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 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	1.312	cum	8356.10	10963.20	INR Ten Thousand Nine Hundred & Sixty Three and Paise Twenty Only
75	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.	104.800	kg	75.85	7949.08	INR Seven Thousand Nine Hundred & Forty Nine and Paise Eight Only
76	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 for all lift, as directed by Engineer-in-charge.All kinds of soil	59.850	cum	128.05	7663.79	INR Seven Thousand Six Hundred & Sixty Three and Paise Seventy Nine Only

77	Cleaning of septic tank for 100 user by septic tank cleaning vehicle as per instruction of EIC	4.000	Trip	6,969.00	27876.00	INR Twenty Seven Thousand Eight Hundred & Seventy Six Only
78	Total impact of GST for the purpose of CTC	1.000	Nos	0.00	0.00	INR Zero Only
Total in Figures					4077891.57	INR Forty Lakh Seventy Seven Thousand Eight Hundred & Ninety One and Paise Fifty Seven Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words						INR Zero Only