

Percentage BoQ

Tender Inviting Authority: Staff Officer (Civil),CCL, Dhori Area

Name of Work:- Comprehensive annual maintenance of different types of quarter at Dhori Khas under Dhori Area (for 2 years)

	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	Carriage of building rubbish including loading, unloading and stacking with one km lead. Lime moorum building rubbish	241.92	Cum	179.25	43364.16	INR Forty Three Thousand Three Hundred & Sixty Four and Paise Sixteen Only
2	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.	1417.56	Cum	205.8	291733.85	INR Two Lakh Ninety One Thousand Seven Hundred & Thirty Three and Paise Eighty Five Only
3	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)	28.8	Cum	7424.45	213824.16	INR Two Lakh Thirteen Thousand Eight Hundred & Twenty Four and Paise Sixteen Only
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering -All work upto plinth level: 1:3:6 (1 Cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	17.7	Cum	6773.95	119898.92	INR One Lakh Nineteen Thousand Eight Hundred & Ninety Eight and Paise Ninety One Only
5	Providing, hoisting and fixing upto 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 centring, shuttering, finishing smooth sills and the like including the cost of required centring, shuttering, finishing smooth with 6 mm thick cement plaster 1:3 (1 cement: 3 fine sand) on exposed surfaces complete but excluding cost of reinforcement with 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size).	10.8	cum	9432.95	101875.86	INR One Lakh One Thousand Eight Hundred & Seventy Five and Paise Eighty Six Only
6	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars	756	kg	105.6	79833.60	INR Seventy Nine Thousand Eight Hundred & Thirty Three and Paise Sixty Only
7	Brick work with F.P.S. bricks of class designation 50 in foundation and plinth in:Cement mortar 1:6 (1 cement : 6 coarse sand)	66.49	Cum	6770.05	450140.62	INR Four Lakh Fifty Thousand One Hundred & Forty and Paise Sixty Two Only
8	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 5.0 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)	119.5	Cum	7988.95	954679.53	INR Nine Lakh Fifty Four Thousand Six Hundred & Seventy Nine and Paise Fifty Three Only
9	Half brick masonry with F.P.S. bricks of class designation 50 in foundation and plinth in:Cement mortar 1 : 4 (1 cement : 4coarse sand)	200	sqm	844.15	168830.00	INR One Lakh Sixty Eight Thousand Eight Hundred & Thirty Only

10	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 5.0 in superstructure above plinth level up to floor V level: Cement mortar 1:4 (1 cement :4 coarse sand)	200	Sqm	977.75	195550.00	INR One Lakh Ninety Five Thousand Five Hundred & Fifty Only
11	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 : 4coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.Granite of any colour and shade.Area of slab over 0.50 sqm	28.8	Sqm	4032.9	116147.52	INR One Lakh Sixteen Thousand One Hundred & Forty Seven and Paise Fifty Two Only
12	Extra for providing edge moulding to 18mm 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.	72	metre	309.8	22305.60	INR Twenty Two Thousand Three Hundred & Five and Paise Sixty Only
13	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	1.0125	Cum	84821.4	85881.67	INR Eighty Five Thousand Eight Hundred & Eighty One and Paise Sixty Seven Only
14	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	17.425	Sqm	1803.9	31432.96	INR Thirty One Thousand Four Hundred & Thirty Two and Paise Ninety Six Only
15	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows including ISI marked black enamelled M.S butt hinges with necessary screws excluding panelling which will be paid for separately. Kiln seasoned and chemically treated Hollock wood.30 mm thick shutters	3.2	sqm	2,042.40	6535.68	INR Six Thousand Five Hundred & Thirty Five and Paise Sixty Eight Only
16	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (A rea of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 m m to 40 mm thick :kiln seasoned and chemically treated Hollock wood	7.2	sqm	1,853.70	13346.64	INR Thirteen Thousand Three Hundred & Forty Six and Paise Sixty Four Only
17	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:25mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws.	27	sqm	1,784.85	48190.95	INR Forty Eight Thousand One Hundred & Ninety and Paise Ninety Five Only
18	Providing and fixing M.S. grills of required pattern in frames of windowsetc. with M.S. flats, square or round bars etc. including priming coat withapproved steel primer all complete. Fixed to steel windows by welding	648	Kg	177.4	114955.20	INR One Lakh Fourteen Thousand Nine Hundred & Fifty Five and Paise Twenty Only
19	Providing and fixing IS : 1341 marked M.S. heavy weight butt hinges with necessary screws etc. complete :125x90x4.00 mm	200	each	45.75	9150.00	INR Nine Thousand One Hundred & Fifty Only
20	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) 200x10 mm	100	each	50.85	5085.00	INR Five Thousand & Eighty Five Only
21	Providing and fixing chromium plated brass handles with necessary screws etc. complete: 125 mm	100	each	196.3	19630.00	INR Nineteen Thousand Six Hundred & Thirty Only

22	Providing and fixing factory made P.V.C. door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet mitred at corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. square tube, the vertical door profiles to be reinforced with 19x19mm 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 65/100mm size complete as per manufacturers specification and direction of Engineer-in-Charge.	372	metre	458.5	170562.00	INR One Lakh Seventy Thousand Five Hundred & Sixty Two Only
23	Providing and fixing to existing door frames. 30mm thick factory made solid panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture M.S. frame covered with 5mm thick heat moulded PVC 'C' channel of size 30mm thickness, 110mm width out of which 90mm shall be flat and 20mm shall be tapered in 45 degree angle on either side forming stiles; and 5mm thick, 110mm wide PVC sheet out of which 90mm shall be flat and 20mm shall be tapered on the inner side to form top and bottom rail and 130mm wide PVC sheet out of which 90mm shall be flat and 20mm shall be tapered on both sides to form lock rail. Top bottom and lock rails shall be provided either side of the panel. 10mm (5mm x2) thick, 20mm wide cross PVC sheet shall be provided as gap insert for top rail & bottom rail. Panelling of 5mm thick PVC sheet to be fitted in the M.S. frame welded/sealed to the stiles & rails with 7mm (5mm +2mm) thick x 15mm wide PVC sheet bending on inner side, and joined together with solvent cement adhesive. An additional 5mm thick PVC strip of 20mm 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, manufacture's specification & drawing.	159.6	sqm	2,884.75	460406.10	INR Four Lakh Sixty Thousand Four Hundred & Six and Paise Ten Only
24	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.	10656	Kg	114.9	1224374.40	INR Twelve Lakh Twenty Four Thousand Three Hundred & Seventy Four and Paise Forty Only
25	Welding by gas or electric plant including transportation of plant at site etc. complete.	10000	cm	3.6	36000.00	INR Thirty Six Thousand Only
26	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	600	Sqm	500.3	300180.00	INR Three Lakh One Hundred & Eighty Only
27	Chequered terrazzo tiles 22 mm thick with graded marble chips of size up to 6 mm in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand) : Ordinary cement without any pigment	54	sqm	963.35	52020.90	INR Fifty Two Thousand & Twenty and Paise Ninety Only
28	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	216	sqm	1131.6	244425.60	INR Two Lakh Forty Four Thousand Four Hundred & Twenty Five and Paise Sixty Only
29	Providing and laying Ceramic glazed floor tiles 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) including pointing the joints with white cement and matching pigment etc., complete.	72	sqm	1037.35	74689.20	INR Seventy Four Thousand Six Hundred & Eighty Nine and Paise Twenty Only

30	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's 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. Size of Tile 60x60 cm	200	sqm	1,385.20	277040.00	INR Two Lakh Seventy Seven Thousand & Forty Only
31	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. 11.46.1 Size of Tile 600x600mm	20	sqm	1,424.50	28490.00	INR Twenty Eight Thousand Four Hundred & Ninety Only
32	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	480	metre	338.5	162480.00	INR One Lakh Sixty Two Thousand Four Hundred & Eighty Only
33	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. 110 mm bend	40	No	148.85	5954.00	INR Five Thousand Nine Hundred & Fifty Four Only
34	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 each	120	No	242.35	29082.00	INR Twenty Nine Thousand & Eighty Two Only
35	Providing and fixing pre-coated galvanized iron profile sheets (size, shape and pitch of corrugation as 5% total coated thickness (TC T), Zinc coating 120gsm as per IS:277 in approved by Engineer-in-charge) 0.05 mm. 240 mpa mm 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 while 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 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead 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.	378	Sqm	698.1	263881.80	INR Two Lakh Sixty Three Thousand Eight Hundred & Eighty One and Paise Eighty Only
36	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand) .	3524	Sqm	230.6	812634.40	INR Eight Lakh Twelve Thousand Six Hundred & Thirty Four and Paise Forty Only
37	12 mm cement plaster finished with a floating coat of neat cement of mix 1:4 (1 cement: 4 fine sand)	800	Sqm	303.2	242560.00	INR Two Lakh Forty Two Thousand Five Hundred & Sixty Only
38	20 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	150	sqm	338.8	50820.00	INR Fifty Thousand Eight Hundred & Twenty Only
39	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work	855.36	Sqm	112.3	96056.93	INR Ninety Six Thousand & Fifty Six and Paise Ninety Three Only
40	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	2000	Sqm	114.95	229900.00	INR Two Lakh Twenty Nine Thousand Nine Hundred Only

41	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 metres lead :With cement mortar 1:4 (1 cement : 4 fine sand)	1200	sqm	378.05	453660.00	INR Four Lakh Fifty Three Thousand Six Hundred & Sixty Only
42	Renewing glass panes, with putty and nails wherever necessary:Float glass panes of thickness 4 mm	3.6	sqm	786.8	2832.48	INR Two Thousand Eight Hundred & Thirty Two and Paise Forty Eight Only
43	Colour washing such as green, blue or buff to give an even shade :,—New work (two or more coats) with a base coat of white washing with lime- Satna lime wash on walls one coat	6800	sqm	24.35	165580.00	INR One Lakh Sixty Five Thousand Five Hundred & Eighty Only
44	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	14400	Sqm	15.9	228960.00	INR Two Lakh Twenty Eight Thousand Nine Hundred & Sixty Only
45	Distemping with 1st quality acrylic distemper (ready mixed) having VOC (Volatile Organic Compound) content less than 50 gram/ litre, of approved brand and of required said and colour complete to give and even said.Old work (one or more coats)	8400	sqm	40.25	338100.00	INR Three Lakh Thirty Eight Thousand One Hundred Only
46	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	994.64	Sqm	73.4	73006.58	INR Seventy Three Thousand & Six and Paise Fifty Eight Only
47	Finishing walls with water proofing cement paint of required shade :Old work (one or more coats applied @ 2.20 kg/10 sqm) over priming coat of primer applied @ 0.80 litrs/10 sqm complete including cost of Priming coat.	6000	sqm	74.05	444300.00	INR Four Lakh Forty Four Thousand Three Hundred Only
48	Disconnecting damaged overhead/terrace PVC water storage tank of any size from water supply line and removing from the terrace including shifting at ground level as per direction of Engineer-in-charge.	50	each	264.9	13245.00	INR Thirteen Thousand Two Hundred & Forty Four and Paise One Hundred Only
49	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in-Charge.	50	each	81.25	4062.50	INR Four Thousand & Sixty Two and Paise Fifty Only
50	Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge.	20	each	276.75	5535.00	INR Five Thousand Five Hundred & Thirty Five Only
51	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer in charge.1:3:6 or richer mix	24	cum	1464.6	35150.40	INR Thirty Five Thousand One Hundred & Fifty and Paise Forty Only
52	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	20	cum	1238.3	24766.00	INR Twenty Four Thousand Seven Hundred & Sixty Six Only
53	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkats, architrave, holdfasts etc. complete and stacking within 50 metres lead :Of area upto 3 sq. metres	310	each	227.1	70401.00	INR Seventy Thousand Four Hundred & One Only
54	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	146.4	sqm	45.4	6646.56	INR Six Thousand Six Hundred & Forty Six and Paise Fifty Six Only
55	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of:Asbestos Cement sheet	378	sqm	47.55	17973.90	INR Seventeen Thousand Nine Hundred & Seventy Three and Paise Ninety Only
56	Dismantling of flushing cistern of all types (C.I./PVC/Nitrous China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	40	each	69.55	2782.00	INR Two Thousand Seven Hundred & Eighty Two Only
57	Dismantling of C.I. sluice valve including stacking of useful materials within a lead of 50 metresUp to 150 mm diameter	70	each	207.25	14507.50	INR Fourteen Thousand Five Hundred & Seven and Paise Fifty Only
58	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50metres lead.	2000	Sqm	33.2	66400.00	INR Sixty Six Thousand Four Hundred Only

59	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes manually / by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge :15 mm to 40 mm nominal bore	900	metre	92.7	83430.00	INR Eighty Three Thousand Four Hundred & Thirty Only
60	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes manually / by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge :Above 40 mm nominal bore	240	metre	102.45	24588.00	INR Twenty Four Thousand Five Hundred & Eighty Eight Only
61	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer in-charge.	135	sqm	670.05	90456.75	INR Ninety Thousand Four Hundred & Fifty Six and Paise Seventy Five Only
62	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 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	10	No	4294	42940.00	INR Forty Two Thousand Nine Hundred & Forty Only
63	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required : White Vitreous China Flat back wash basin size 550x400 mm with single 15 mm C.P. brass pillar tap.	40	each	2008.95	80358.00	INR Eighty Thousand Three Hundred & Fifty Eight Only
64	Providing and fixing Stainless Steel AISI 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. 610x460 mm bowl depth 200 mm.	20	each	4,038.80	80776.00	INR Eighty Thousand Seven Hundred & Seventy Six Only
65	Providing and fixing white vitreous china water closet squatting pan (Indian type). Orissa pattern W.C . pan of size 580x440 mm	40	each	1,757.90	70316.00	INR Seventy Thousand Three Hundred & Sixteen Only
66	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	15	each	911.55	13673.25	INR Thirteen Thousand Six Hundred & Seventy Three and Paise Twenty Five Only
67	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe. 32mm dia	60	each	85.3	5118.00	INR Five Thousand One Hundred & Eighteen Only
68	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : Rectangular shape 453x357mm	40	each	897.75	35910.00	INR Thirty Five Thousand Nine Hundred & Ten Only
69	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 testing of joints complete as per direction of Engineer in Charge. (Internal work Exposed on wall) 15 mm nominal outer dia .Pipes.	480	metre	214.6	103008.00	INR One Lakh Three Thousand & Eight Only
70	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: 20 mm nominal outer dia Pipes	600	metre	279.2	167520.00	INR One Lakh Sixty Seven Thousand Five Hundred & Twenty Only

71	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	480	metre	332.05	169384.00	INR One Lakh Fifty Nine Thousand Three Hundred & Eighty Four Only
72	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:40 mm nominal outer dia Pipes	240	metre	601.65	144396.00	INR One Lakh Forty Four Thousand Three Hundred & Ninety Six Only
73	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. (external work):50 mm dia. nominal bore	240	metre	710.45	170508.00	INR One Lakh Seventy Thousand Five Hundred & Eight Only
74	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	40	each	592.15	23686.00	INR Twenty Three Thousand Six Hundred & Eighty Six Only
75	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	20	each	1,063.85	21277.00	INR Twenty One Thousand Two Hundred & Seventy Seven Only
76	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end): 25 mm nominal bore	40	each	440.5	17620.00	INR Seventeen Thousand Six Hundred & Twenty Only
77	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end): 40 mm nominal bore	20	each	605.9	12118.00	INR Twelve Thousand One Hundred & Eighteen Only
78	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end):50 mm nominal bore	30	each	772.05	23161.50	INR Twenty Three Thousand One Hundred & Sixty One and Paise Fifty Only
79	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet:100 mm diameter	40	each	74.15	2966.00	INR Two Thousand Nine Hundred & Sixty Six Only
80	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws including excavation, refilling the earth or cutting of wall and making good the same complete wherever required :15 mm nominal bore.	40	each	573.3	22932.00	INR Twenty Two Thousand Nine Hundred & Thirty Two Only
81	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws including excavation, refilling the earth or cutting of wall and making good the same complete wherever required :20mm nominal bore.	40	each	596.55	23862.00	INR Twenty Three Thousand Eight Hundred & Sixty Two Only
82	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws including excavation, refilling the earth or cutting of wall and making good the same complete wherever required :25 mm nominal bore.	40	each	608.15	24326.00	INR Twenty Four Thousand Three Hundred & Twenty Six Only
83	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	50000	ltrs	9.6	480000.00	INR Four Lakh Eighty Thousand Only
84	Providing and fixing PTMT bib cock of approved quality and colour.15mm nominal bore, 86 mm long, weighing not less than 88 gms.	80	each	172.9	13832.00	INR Thirteen Thousand Eight Hundred & Thirty Two Only
85	Providing and fixing PTMT pillar cock of approved quality and colour .15mm nominal bore, 125mm long foam flow, Weighing not less than 120 gms.	40	each	327.8	13112.00	INR Thirteen Thousand One Hundred & Twelve Only

86	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, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and panelling to be paid for separately): For fixed portion. Powder coated aluminium (minimum thickness of powder coating 50 micron)	41.85	Kg	556.35	23283.25	INR Twenty Three Thousand Two Hundred & Eighty Three and Paise Twenty Five Only
87	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, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and panelling to be paid for separately): For fixed portion. Powder coated aluminium (minimum thickness of powder coating 50 micron)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 PVC / neoprene gasket required (Fittings shall be paid for separately).Powder coated aluminium (minimum thickness of powder coating 50 micron)	34.5	Kg	624.65	21550.43	INR Twenty One Thousand Five Hundred & Fifty and Paise Forty Two Only
88	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade IType 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. 21.2.2 Pre-laminated particle board with decorative lamination on both sides	10.8	Sqm	894	9655.20	INR Nine Thousand Six Hundred & Fifty Five and Paise Twenty Only
89	Grading roof for water proofing treatment with Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	5	metre	7562.7	37813.50	INR Thirty Seven Thousand Eight Hundred & Thirteen and Paise Fifty Only
90	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with non-woven polyester 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 650/ 450N/ 5cm. Tear strength in longitudinal and transverse direction as 300/ 250N. 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 :3mm	1600	sqm	482.2	771520.00	INR Seven Lakh Seventy One Thousand Five Hundred & Twenty Only
91	Laying G.I. pipes complete with G.I. fittings including trenching and refilling etc. (external work):50 mm dia. nominal bore excluding cost of GI pipes	480	metre	123.41	59236.80	INR Fifty Nine Thousand Two Hundred & Thirty Six and Paise Eighty Only
92	Dismantling Valve for taking out check nut , spindles and refix it after getting repaired :50mm	30	each	1835.42	55062.60	INR Fifty Five Thousand & Sixty Two and Paise Sixty Only

93	Supplying labours, tools and tackles for cleaning filled and choaked man hole, septic tank, inspection-chamber, gullay pits, sewerage tank etc. in all lift and disposal of spoils upto a lead of 50M all complete as per specification and direction of E/I.	346.5	ltrs	0.92	318.78	INR Three Hundred & Eighteen and Paise Seventy Eight Only
94	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :15mm	40	each	693.5	27740.00	INR Twenty Seven Thousand Seven Hundred & Forty Only
95	Providing 40x5 mm flat iron hold fast 400 mm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 300x100x150 mm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).	60	each	179.55	10773.00	INR Ten Thousand Seven Hundred & Seventy Three Only
96	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : (copper oxidized as per IS: 1378) 250x16 mm	20	each	142.95	2859.00	INR Two Thousand Eight Hundred & Fifty Nine Only
97	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931:15mm	40	each	462.8	18512.00	INR Eighteen Thousand Five Hundred & Twelve Only
98	Providing and fixing C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Euroopean type W.C. of quality and make as approved by Engineer - in - charge.	20	each	293.65	5873.00	INR Five Thousand Eight Hundred & Seventy Three Only
99	Providing and fixing AC sheet with J & L hook as per inst of Engineer In-Charge.	378	sqm	₹ 328.36	124120.08	INR One Lakh Twenty Four Thousand One Hundred & Twenty and Paise Eight Only
100	Deployment of Facility Manager for heading the entire team and single point of contact & overall incharge of FM on site operators and reporting to Engineer-in-charge or his representative. (Note: Facility Manager is to be deployed on monthly basis only)	24	per month	31232.74	749585.76	INR Seven Lakh Forty Nine Thousand Five Hundred & Eighty Five and Paise Seventy Six Only
101	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)	652000	ltrs	0.3	195600.00	INR One Lakh Ninety Five Thousand Six Hundred Only
102	CARRIAGE OF MATERIALS By Mechanical Transport including loading,unloading and stacking Lime, moorum, building rubbish Lead 1 Km	2173.44	cum	179.25	389589.12	INR Three Lakh Eighty Nine Thousand Five Hundred & Eighty Nine and Paise Twelve Only
103	Clearing jungle including uprooting of rank vegetation, grass, brush,wood, trees and saplings of girth upto 30 cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared	18000	sqm	10.55	189900.00	INR One Lakh Eighty Nine Thousand Nine Hundred Only
104	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.	72000	sqm	5.4	388900.00	INR Three Lakh Eighty Eight Thousand Eight Hundred Only
105	Wiring for light point/fan point/exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required:-Group A	2250	Point	465.00	1046250.00	INR Ten Lakh Forty Six Thousand Two Hundred & Fifty Only
106	Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required. (For light plugs to be used in non residential buildings).	90	No	290.00	26100.00	INR Twenty Six Thousand One Hundred Only

107	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required	60	No	490.00	29400.00	INR Twenty Nine Thousand Four Hundred Only
108	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "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 (16 Amps)	50	No	518.00	25900.00	INR Twenty Five Thousand Nine Hundred Only
109	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	150	No	316.00	47400.00	INR Forty Seven Thousand Four Hundred Only
110	Providing and fixing following capacity TP&N disconnecter fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making connections, etc. as required. 32A TP&N	40	No	1871.00	74840.00	INR Seventy Four Thousand Eight Hundred & Forty Only
111	Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/wooden block including connection etc as required	60	No	70.00	4200.00	INR Four Thousand Two Hundred Only
112	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current: 30 mA in the existing MCB DB complete with connections, testing and commissioning etc, as required. 25A	271	Each	1772.00	480212.00	INR Four Lakh Eighty Thousand Two Hundred & Twelve Only
113	Total impact of GST for the purpose of CTC	1.000	Nos	0.00	0.00	INR Zero Only
Total in Figures					16589227.16	INR One Crore Sixty Five Lakh Eighty Nine Thousand Two Hundred & Twenty Seven and Paise Sixteen Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				