BOQ OF CIVIL WORK OF COLLECTORATE BRANCH OF "STATE BANK OF INDIA" AT DHAR, M.P.					
S.No.	**Description of Item**	**Qty**	**Unit**	**Rate**	**Amount**
	Civil Works :				
	Mode of Measurements : Area of exposed and finished surfaces will be measured.				
1	**Dismantling of cash, clerical counters, tables, side units etc.** and shifted the same in a suitable places as per the instruction of the Branch including cleaning, shifting charges within the Br. premises etc. complete. as per the instruction given by the Bank Engineer.	1	Job		
2	**Dismantling of old Alluminium/ Glass/ wooden partitions/ flooring** and shifting to a suitable place as per the instruction of the branch including shifting charges within the branch premises etc. The cost shall include removal/ dismantling etc. of existing wall tiles, dressing/ chiselling/ finishing/ replastering etc. for levelling or surface preparation purposes to achieve smooth, leveled surface suitable for tiling. Disposal of dismantled/ chiseled tiles and all related debris shall be borne by the contractor outside compound as per Municipal norms. The cost shall also include safely chiselling out remains of tiles from the wall surface without damaging existing pipelines, conduits, cables, wires, switch boards or any such item concealed inside the wall below the tiles., safe handling and removal of debris to a safe distance as directed by the engineer-in-charge.The work shall be done with utmost care to avoid any structural or physical damage to the existing electrical wiring, plumbing works, doors, ventilators, exhaust fans etc. complete. as per the instruction given by the Bank Engineer.	1	Job		
3	**Excavation in Hard Rock** Excavation in Hard Rock Earth work in excavation in Hrad Rock by mechanical means (Hydraulic excavator) / manual means by chiselling, wedging, line drilling etc. over areas including foundations, trimining & levelling the bed, removing excavated material beyond building area upto 2.0 m. depth, stacking the material as directed including dewatering, back filling of trenches using available earth murum raming and watering complete and disposing off surplus rock material within the site as per direction of the Bank. Rate to include all lead, lift and cost of transportation within the campus/ premises / site. Level. Hard rock (requiring blasting) up to 2.00 meter Depth	10.50	Cum		
4	**Sand Filling** Supplying and filling approved quality sand in plinth, trenches, under floors etc., in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming (mechanically or manually), watering, ramming, consolidating and dressing etc. complete. (a) Using approved quality silt free natural River Sand	9.00	Cum		
5	**Plain Cement Concrete (PCC: Volumetric Machine Mix)** Providing and laying in position machine mix PCC (plain cement concrete) under foundation, plinth protection, floor slabs, grade slabs, coping, sill concrete etc. including transporting, laying, compacting, finishing the surface in line, level and plumb as per requirement and curing etc. complete. The Rate to include necessary formwork, centring, shuttering, complete in all respects and execution of work at all heights and location with required leads and lifts complete as directed by Engineer in charge. b PCC 1:3:6 using 20 mm and downgrade metal (Coarse Aggregate). (i) Levelling Course PCC Under Column Footing, Foundations etc.	5.50	Cum		
6	**Reinforced Cement Concrete (RCC) of 1:1 1/2:3 using** 20 mm and downgrade metal at all levels upto plinth level for various RCC structural elements in any shape and design as per structural drawings and as directed including transporting (manually / mechanically), laying, compacting and finishing the surface in line, level and plumb as required and cost of curing etc. complete. The Rate to include necessary formwork, centring, shuttering, complete in all respects and execution of work at all heights and location with required lead and lifts complete as directed by Engineer in charge.				
	(i) Column Footing, Raft Slab or any other type of RCC foundation.	1.73	Cum		

	(ii) Columns from Footing Top to Plinth level (Stub Columns)	0.36	Cum		
	(iii) Plinth Beams/Tie Beams	6.51	Cum		
7	**Steel reinforcement for R.C.C.** work including straightening, cutting, bending, placing in position and binding all complete (iv) Hot rolled deformed bars	950.00	Kg.		
8	**Providing and Laying Brick work with common burnt clay non modular bricks** of class designation 12.5 conforming to IS 2222 in superstructure above plinth level up to the bottom of slab in cement mortar 1:4 @ every 1 metre layer including curing etc complete (steel reinforcement to be paid separately)	7.00	Cum		
9	**Half-brick masonry partition** walls in Foundation and Plinth using locally available approved quality Bricks, well (Kiln/ Chimney) burnt, uniform size and colour having average crushing strength not less than 35 kg/ cm2. Rate includes providing RCC patli beam 100mm thick including providing with 4 nos. 8 mm dia TMT bars and 8 mm dia TMT links at 300 c/c in cement concrete of mix M 20 at mid-height (height between two patli not exceeding 1.20m), required formwork etc. in proper line, levels and plumb including raking out joints, curing, necessary scaffolding, etc. complete at any levels below plinth as per the approved drawing and as per instructions of Architect / Engineer. (ii) In Cement Mortor 1:4	13.00	Sqmt		
10	Providing & laying **18 mm thick Plastering of walls** and ceiling with cement mortar 1:4, curing, ladder use, cleaning, etc.	124.00	Sqmt		
11	**Providing & constructing Zade Black Granite platform for pantry and wash basin counters** complete as per specifications with 18-24 mm kota stone stand and kota stone or MS angle/T section supports as required and as instructed, including base stone in kota stone and fixing of 15-18 mm thick mirror polished, machine cut jet black granite with simple full round edge moulding and facia for pantry counter and double thick edges with full round moulded edges and of required size. The granite full round moulding shall be fixed with araldite adhesive to the counter top. The cost shall be inclusive of cutting for sink, basin, taps etc. as and when required.	6.00	Sqmt		
12	**Providing & laying matt finish Non-skid ceramic floor tiles in toilet** areas as per specifications of size 300X300 of make Simpolo, Kajaria, Nitco, Bell, Johnson, Somany etc, or equivalent in first quality and of design, colour and make as per approval laid over cement plaster. The joints shall be filled and finished neat with cement grout as per specifications cleaning shall be done by applying acid wash curing etc. complete at all levels.	21.50	Sqmt		
13	**Providing & laying vitrified wall tiles for dado in pantry area and on walls in toilets** as per specifications of size 1200mm x 600mm of make Simpolo, Kajaria, Nitco, Bell, Johnson, Somany etc, or equivalent in firstl quality of design, colour and make as per approval laid and border in special/dark colours as per approval laid over fresh or existing cement plaster including surface preparation if required to the architects satisfaction, joints to be filled and finished neat with cement grout as per speci-fications including cutting at traps, mitring of joints if required cleaning applying acid wash curing etc.	72.00	Sqmt		
14	Providing & fixing **1st class premium quality, double charged vitrified tiles in floor, skirting** of approved size (800mm x 800mm or 600mm x 600mm as directed) of make Simpolo, Kajaria, Nitco, Bell, Johnson, Somany etc, or equivalent in first quality confor-ming to IS:15622 of approved make in all colours shades of any size in floors and skirting over 20 mm thick bed of cement mortar 1:4 and jointing with grey cement slurry @3.3 kg per Sqmt, or fixing the same on existing floor fixed on a screed of approved adhesive viz Carebond or Nitobond or Balendura including pointing in white cement mixed with pigment of matching shade complete. ***Total qty. = (31.32 + 211.71)***	243.00	Sqmt		
15	**EUROPEAN WC** : Providing and fixing white vitrous **EWC** of **Jaguar make (OPAL OPS - WHT- 15751P180 UF)** having P / S trap connection including 10 litre capacity PVC ISI approved make low height cistern. The rate should include all fittings jointing material, labour and making connection with the existing line complete.	4	Nos		
16	Providing & fixing in position **Flush Valve Dual Flush Concealed Body Type** Jaquar make, Plumber or equivalent upon approval with all WCs complete including all required connections and settings for proper functioning to the Engineer's satisfaction.	4	Nos		

17	Providing and fixing in position first quality white **Jaguar (Code : URS-WHT- 13255 make Gents Urinal Without Sensor)** or equivalent as per approval and making all connections of urinal with other accessories such as flush pipe ,outlet, etc. filling including making chases and holes in floors and walls and repairing the same with cement mortar (1:3) plastering etc. to original condition and painting of fittings etc. complete	3	Nos		
18	**WASH BASIN :** Providing and fixing white vitrous wash basin with pedastal of **Jaguar make (Code : CNS - WHT - 801 + CNS- WHT +305)** make with CI brackets, 15 mm heavy pilar cock, 32mm cp brass coupling, waste pipe etc. The rate should include all fittings jointing material, labour and making connection with the existing line complete.	2	Nos		
19	Providing and fixing in position **Angular Stop Cock with Wall Flange Jaquar make (Cat. No. FLR 5053N), Plumber** or equivalent upon approval complete including all required connections and settings for proper functioning to the Engineer's satisfaction.	12	Nos		
20	**Providing & Fixing CP finish Two Way Bib cock with wall flange Jaquar make (Cat. No. FLR 5041N), Plumber or equivalent along with Hand Shower (Health Faucet)** (ABS Chrome Plated) with 8mm dia and 1 M long Flexible tube and wall hook (Cat. No. ALD 573) or equivalent upon approval make & design as per approval complete including fixing and connecting and including all materials, teflon tape, cp nipples, cover plates with testing etc.	4	Set		
21	**Providing & Fixing CP finish Pillar cock long body bib cock** of Jaquar make (Cat. No. FLR 5011N/ FLR 5047N), Plumber or equivalent make upon approval and design as per approval complete including fixing and connecting and including all materials, teflon tape, cp nipples, cover plates with testing etc.	5	Nos		
22	**Providing and fixing in position 15mm Class 'B' CPVC pipe** of approved ISI branded complete with fittings Tees, Bends etc, except controls such as cocks and valves fitted and fixed to the walls with G.I. Approved clamps or buried underground including making necessary chases and holes in walls and floors or trenching etc. complete with making good or refilling including painting of pipes if required. Makes: Prince, Supreme, Astral	40	Rmt		
23	**Providing and fixing in position 20mm Class 'B' CPVC pipe** of approved ISI branded complete with fittings, Tees, Bends etc, except controls such as cocks and valves fitted and fixed to the walls with G.I. Approved clamps or buried under ground including making necessary chases and holes in walls and floors or trenching etc. complete with making good or refilling including painting of pipes if required Makes: Prince, Supreme, Astral	40	Rmt		
24	**Providing and fixing in position 25mm Class 'B' CPVC pipe** of approved ISI branded complete with fittings, Tees, Bends etc, except controls such as cocks and valves fitted and fixed to the walls with G.I. Approved clamps or buried under ground including making necessary chases and holes in walls and floors or trenching etc. complete with making good or refilling including painting of pipes if required Makes: Prince, Supreme, Astral	40	Rmt		
25	Providing and fixing brass/ gun metal **high pressure full way or gate valves** with MS handle head complete with fitting, teflon tape, testing etc.	2	Nos		
26	**Providing and fixing 75 mm PVC pipes** for soil waste/rain water/ drainage disposal of superior Indian make such as Kisan, Premium, Supreme, Prince or Kasta i/c jointing with rubber ring, adhesive lubricant solvent cement with PVC clips, bends, joints, bends with doors, etc. fittings as per site requirement with testing etc. complete.	15	Rmt		
27	**Providing and fixing 100 mm PVC pipes for soil waste/ rain water/ drainage disposal** of superior Indian make such as Kisan, Premium, Supreme, Prince or Kasta i/c jointing with rubber ring, adhesive lubricant solvent cement with PVC clips bends, joints, bends with doors, etc. fittingsas per site requirement with testing etc. complete.	15	Rmt		
28	Providing and fixing **stainless steel jali (grating)** with or with-out hole for waste pipe for floor/ Nahani trap inner lining in SS.	8	Nos		
29	Providing and fixing **PVC waste pipe** for wash basin and kitchen sink including PVC waste fittings complete.	5	Nos		

30	**Providing and fixing stainless steel sink** 1 number Nirali Make or equivalent as per approval of size approx. 18inch X 24 inch or as available per approval in platform complete including all required cutting, filling, preparation for installation, connecting waste coupling, waste pipe, adhesives/ sealers/ fillers etc.	1	Nos		
31	**Water Proofing Treatment to Vertical & Horizontal Surfaces:** Providing & laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like consisting of: (i) Ist course of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming to IS : 2645 in recommended proportions including rounding off junction of vertical and horizontal surface. (ii) IInd course of 20 mm cement plaster 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical & horizontal surface. (iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7 kg. per sqm of area. (iv) IVth course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 kg/sqm).	410.00	Sqmt		
32	**15- 20 MM. Thick Repairing of Existing Wall Plastering:** 15 mm cement plaster finished with a floating coat of neat cement of mix : (1 cement: 3 fine sand) The work should be completed as directed by Architect	131.00	Sqmt		
	Sub Total : Total Civil Works (Excluding GST)				
	Note:- The rates quoted includes all other taxes,duties, loading, unloading,transportation,other expenses etc to site.				
	GST will be paid additionally as applicable				

Seal & Signature of Contractor