

BOQ FOR PROPOSED CIVIL WORKS FOR REPAIR AND RECARPETING OF BITUMINOUS ROAD AT STATE BANK INSTITUTE OF INNOVATION AND TECHNOLOGY (SBIIT) BANJARA HILLS, HYDERABAD

Sl.No.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	DISMANTLING				
	Dismantling of flexible pavement (bituminous courses) by mechanical means and disposal of dismantled materials from the site to the contractors own dump yard or Municipal Dumpyard atleast 10 km away from SBIIT				
1.1	For Flexible Pavement	CUM	120		
1.2	For Brick work & Kerbstone	CUM	10		
2	EARTH WORK & EXCAVATION				
	Earth work excavation by mechanical means (Hydraulic excavator)/manual means over (exceeding 30cm in depth.1.5 m in width as well as 10 sqm on plan) including bailing out of water (Both Rain and Ground Water), disposal excess excavated earth outside SBIIT campus in designated areas of local authorities, and lift up to 3.0 m, disposed earth to be levelled and neatly dressed, including labour,necessary tools &tackels, Machinery complete as directed by Bank.				
2.1	Lift upto 1.5 M	CUM	4		
	THERMODRAIN				
3	Supplying and laying plain cement concrete (1:1½:3) (1 Cement :1.5 Coarse sand : 3 Graded stone aggregate of size 20mm) in all levelling courses under foundations, pipelines, pits, under floors etc., at all depths/levels complete using 20mm graded stone aggregate but including cost of cement, labour,necessary tools & tackles including form work complete as directed by Bank.	CUM	25		

	READY MIX CONCRETE / NOMINAL MIX				
4	Providing, batching, mixing, transporting through transit mixers, pumping and laying controlled Reinforced Cement Concrete of M 25 grade at all levels and heights specified below using ordinary Portland cement of grade 53/43 Grade from approved manufacturer, fine aggregate, 20mm and down size coarse aggregates, necessary admixtures, all as per IS:456 & IS 10262, approved by Consultants (Chemical admixture-Conplast SP 430SRV), including all leads and lifts, pumping using line pump or boom placer, vibrating/ compaction, scaffolding wherever necessary, curing as directed, including cost of shuttering and Excluding cost of reinforcement . complete for finished item of work at site as directed by Bank				
4.1	Plinth beams	CUM	3		
5	Providing and fixing reinforcement for RCC work with high yield strength ribbed tor steel (HYSD) bar of various diameters and grade of steel as specified below conforming to IS or equivalent BS specification including cutting and waste, bending, hoisting, fabricating and placing in position according to drawings and binding the reinforcement with galvanised annealed binding wire of double fold of 18 gauge and providing PVC / CC cover blocks for placing the reinforcements in position and for maintaining the cover specified and/or according to relevant IS or equivalent BS code. Complete as directed by the Bank.				
5.1	Grade of reinforced steel - Fe 550D - TMT bars	KG	500		
6	Providing & laying 12 mm thick cement Plaster to Internal walls sides of drain etc. in cement mortar 1 : 4 (1 cement : 4 sand; 75% fine sand & 25% coarse sand) on plain side of wall or R.C.C. surface , Rate shall include cost of cement, surface preparation, hacking, cleaning, curing, labour, necessary tools&tackles and scaffolding etc. complete for all levels and heights as per the directions of Bank.	SQM	30		
7	Supply and fixing of FRP moulded gratings of size 326x1006x40 mm height on the top of drain including all lead lifts etc complete for the finished item of work as per the directions of Bank.	NO'S	12		

	KERB STONE				
8	Providing and laying at or near ground level factory made kerb stone size 600x200x300 mm of M-25 grade cement in position to the required line , level and curvature jointed with cement motor 1:3 (1 cement :3 coarse sand) including making joints with or with out grooves (thickness of jionts except at sharp curve shall not to more than 5mm) including making drainage opening wherever required complete etc .as per direction of Engineer-in- charge (length of finished kerb edging shall be measured for payment). precast C.C.kerb stone shall be approved by Bank).	RMT	300		
9	Providing and applying two coats of Synthetic Enamel paint of approved brand, colour over the existing wood/steel surface including one coat of primer, preparation of surface to give even finish including cost of scaffolding brushes etc., complete for finished item of work at site as per the directed by Bank	SQM	210		
	BITUMEN ROAD				
10	Providing and applying Track coat using hot straight run bitumen of grade 80/100 including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications, complete etc as per the directions of Bank.	SQM	5483		
11	Cleaning the existing surface with blower and filling pot holes providing and laying 2.5 cm premix carpet surfacing with 3 cum of stone chippings 10mm nominal size per 100 sqm and bitumen emulsion (medium setting min. 65%bitumen content s) complying with IS : 8887-1995 using 96 per cum of chippings of road surface including consolidation with road rollar etc complete (tack coat to be paid for separately) as per the directions of Bank. (Proper drainage slopes to be provided for easy run off water)	SQM	5483		

12	Providing and laying Seal coat of premixed fine aggregate (passing 2.36mm and retained on 180 micron seive) with bitumen using 128 kg of bitumen of grade 80/100 bitumen per cum of fine aggregate and 60 cum of fine aggregate per 100 sqm of road surface including rolling and finishing with road roller all complete as per the directions of Bank.	SQM	5483		
13	Providing and laying non-pressure NP2 class (lightduty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement :2 fine sand) including testing of joints etc., the rate includes cost of cement, labour, necessary tools &tackles complete etc as per the directions of Bank.				
13.1	300mm dia.R.C.C. pipe	RMT	20		
14	Construction of Rain Water harvesting pit of size 2x2x1.5 mts including earth work excavation and filling with boulders filled with moorum, up to a depth of 1.2 M, Over 0.6M filled with HBG 40mm , Rest 0.6M with Natural sand including all leads, lifts, etc complete as per the directions of Bank.	EACH	2		
15	SAUCER DRAIN	RMT	412		
	Providing and fixing of Saucer Drain of size 600x300x100 mm (along the sides) in PCC (1:1½:3) complete and provide proper slopes to drain of rain water on the top of drain including all lead lifts etc complete for the finished item of work as per the directions of Bank. Note: (No separate measurements will be considered for the excavation)				
16	CHEQUERED TILES FLOORING	SQM	65		
	Flooring with chequered terrazo tiles of 30mm thick (dark shade) of size 0.305m x 0.305m set over base coat of cement mortar (1:6), 12 mm thick using screened sand over CC bed already laid or RCC roof slab including neat cement slurry of honey like consistency spread @ 3.3 kgs per sqm and jointed with neat white cement to full depth mixed with pigment of matching shade including cost and conveyance of all materials like cement, sand, water and tiles etc.,and overheads & contractors profit complete for finished item of work. Basic cost of tthe tile is Rs. 40 per Sqft				

17	Supply & fixing in position of approved make and quality type B, SWR PVC soil waste and vent pipes jointed with good quality of lubricant for sunken slab and walls. The scope work in inclusive of all necessary fittings, specials like bends, tees, offset junctions, pan connections, cowls and suitable clamps etc complete in all respects as directed by Engineer in charge				
17.1	50 mm Dia	RMT	10		
17.2	150 mm Dia	RMT	25		
A	TOTAL			Rs.	
B	% DISCOUNT IF ANY ON SL.NO. A			Rs.	
	GRAND TOTAL (S.NO.A - S.NO. B)			Rs.	
	Note: Rate Quoted are Excluding GST				