

**NAME OF WORK : TERRACE LANDSCAPING AT 5TH FLOOR OF SRIBRIDHI BHAVAN AT
32, JAWAHARLAL NEHRU ROAD, KOLKATA 700032 FOR STATE BANK OF INDIA**

PRICE BID

Terrace Landscaping

SL	DESCRIPTION	QTY	Unit	Rate	Amount
1	SLAB PROTECTION				
1.1	Waterproofing on slab - Application of 2 coats of two component, cement based and acrylic emulsion polymer based elastomeric waterproof coating with water impermeability of 7 Bars in positive side by Ultra Tech Seal & Dry HI Flex or equivalent of Sika, Dr. Fixit, Laticrete or Hindcon	105.00	Sqm		
	Note :-				
a	Thickness of each coat should be 0.4 to 0.5mm.				
b	Interval time minimum 24 hours.				
c	The coating should be sandwiched with 10 x10 count glass fiber woven mesh, between coats.				
d	The products should have following properties:				
1	Water Impermeability nil up to 7 Bar on (+ ve) side.				
2	Solid ratio - liquid component 50-55%				
3	Elongation % (ASTM D 412) Greater than 100% @ 50 Kg / Sq Cm @ 1mm DFT.				
4	FT 1.0 -1.2 mm in Two coats				
5	Pot life 2 Hrs.				
6	Pull out adhesion >0.3N/Sq mm				
1.2	Avg 50mm Thk Screed Concrete laid to slope - Grading Concrete: Laying Cement Concrete 1:2:4 (1 part Cement: 2 part Sand: 4 part 10mm down Aggregate) admixed with IS: 2645 Integral Waterproofing Admixture Ultra Tech Floorkrete or of Sika / Dr. Fixit / Laticrete / Hindcon @200 ml or as per Manufacturer Specification for an Average thickness 75mm. (Ponding test is to be done for 7 to 10 days over the screed concrete which will even cure the newly laid concrete.)	5.25	Cum		
2	METAL WORKS				
	M.S.Structural aesthetic works on the existing steel structure with Tubuler sections conforming to IS:806-1957 & IS:1161-1958 connected to one another with bracket,gusset,cleats as per design and direction of Engineer-in-Charge complete including cutting to requisite size,fabrication with necessary metal arc and weilding conforming to				

	IS:816-1956 & IS:9595 using electrodes of approved make and brand conforming to IS:814-1957 ,haulage,hoisting and erection all complete.The rate includes the cost of rolled steel section,consumables such as electrodes,gas and hire charges of all tools and plants,bracket,gusset,cleats and labour required for the work including all incidental charges such as electricity charges.The job includes providing of two coats of synthetic enamel paint on two coats of red oxide zinc chromate primer.of approved brands Mode of Measurement : t to be made on the basis of calculated weight of structural tubular members, in certain cases calculating weight perrunning metre as specified in relevent I.S Code in finished work.Payment for bracket,gusset,cleats will be made after adding actual weight of such items with the weight of the finished structural members.The weight will be taken before painting				
	M.S SECTION OF 50X25X2MM to be used as per design	800.00	Kg		
3	FINISHING WORKS				
3.1	PROVIDING AND FIXING 10MM THK TILE (having Solar Reflective Index higher than or equal to 29):Providing and fixing10 mm thick with machine cut chamfered edges laid to required pattern over a bed of 20 mm thick cement mortar 1:4 (cement:coarse sand) including jointed with white cement slurry mixed with pigment to match the shade of slab, grinding and rubbing wherever required.	93.3	Sqm		
	PAVIT Eco Tiles / JHONSON Endura Cool Tiles / ORIENT BELL Cool Tiles of 300mmx300mm. (Basic Cost of Tile Rs.600/- per sqm).				
3.2	Laying 2 layers of 30-40mm Graded Riverwashed white pebbles with lower layer fixed with mortar.	225.60	Kg		
4	HORTICULTURE				
4.1	Sand fill in planters	1.44	Cum		
4.2	FILLING OF SWEET SOIL:Providing, filling & banking selected earth GOOD FOR PLANTING in planters brought from outside the complex including all leads and lifts, cost of earth, royalty, transportation, loading, unloading and filling in layers not exceeding 30 cm in depth, breaking clods, consolidating, watering and ramming etc.complete.	8.64	Cum		

4.3	Preparation of Tree planting pit of size 10"x10"x10" and filling it up with planting soil mixed with manure and bio fertilizers, as directed by horticulture expert. And planting the following trees with maintenance warranty of 3 months				
	Plumeria Alba (Basic cost Rs.2000/- each).	5	Nos		
	Heliconia metallica (Basic cost Rs.150/- each).	120	Nos		
	Raphis excelsa Basic cost Rs.400/- each).	95	Nos		
5	LIGHTING				
5.1	IP 65 Rated Surface mounted Wall / Step light (K Lite / Philips) Basic cost Rs.1100/- each).	7	Nos		
5.2	IP 65 Rated Wall Up Down Lighetrs (K Lite / Philips) Basic cost Rs.3200/- each).	4	Nos		
5.3	IP 65 Rated Inground uplighter (K Lite / Philips) Basic cost Rs.2000/- each).	10	Nos		
6	BOUGHT OUT ITEMS				
6.1	FRP Planters:- Teem Code:-TT-100- 40"x12"x12" Basic cost Rs.750/- each).	45	Nos.		
6.2	FRP Planters:- Bloom Code:-TB 70:- 19.5"x9.5"(Stone) Basic cost Rs.1050/- each).	15	Nos.		
6.3	Laying of 25mm porous Artificial Turf as per design Basic cost Rs.70/- per sqft).	34.5	Sqm		
7	VERTICAL GARDEN				
7.1	Living green Wall with irrigation and planting - Providing, Supplying, Installing and Commisioning of Green Bio Wall System with Irrigation System and Accessories. Living Wall System shall include - LW panel, Plants (as per design), Growth medium (non Bio degradable), Bio Blanket and Mounting Strip. Installation of LW system on wall with the Irrigation Sysytem Fittings. Maintenance (after completion 1 year of free maintenance) of landscape area providing manpower, materials, fertilizer, medicine, tools & tackles etc. including lawn mowing cost etc. all complete as per the requirement at site & instruction by Engineer incharge	55.16	Sqm		
8	WATER SUPPLY & DRAINAGE PIPE LINE				

	Providing & laying pipe line for water supply and drainage pipe line from nearest possible source with 50mm/25mm/19mm dia with necessary accessories. (To be paid on the basis of actual cost on production of supporting cash memo/ bill and reasonable fixing charges plus 15% towards handing and profit.)	1	PS	50,000	50000.00
	Total				

a **Goods and Service Tax as applicable**