

**TENDER FOR ERECTION OF CANOPY AND CONSTRUCTION OF PATHWAY FROM SECURITY CHECK TO MAIN ENTRANCE GATE AND RENOVATION OF PATHWAY FROM GATE NO. TO RECEPTION AREA AT GITC BELAPUR**

**BILL OF QUANTITIES**

Sr#	DESCRIPTION OF ITEM	UNIT	QTY	Rate	Amount
1	Removing carefully the existing R.C.C. Pardi without disturbing existing R.C.C. frame work, brick wall etc. including cutting the steel reinforcement with electric cutter and cutting and refixing the existing roof cover with additional members to increase the height giving clear head room of 7' for walking & carting away unserviceable materials at Municipal dumping yard . Complete as per instructions of the of the Architect/Engineer	LS	1		
2	Providing and constructing 230mm thick brick masonry in cement mortar 1:6 with best quality locally available approved machine moulded, chimney burnt bricks (As per the sample approved by Architect or Engineer in charge having Minimum crushing strength of 35 Kg/Cm <sup>2</sup> ) in superstructure at all height & levels, including necessary scaffolding upto any height, striking joints, curing etc complete as directed. The bricks shall conform to the relevant IS codes. The rate to include single coat 10mm thk plaster of 1:4 cement mortar finished to receive paint on exposed side.	Cu.Mts	25.00		
3	Supply,filling, and compacting of murum / hardsoil / debris between brick work to receive soling. The rate to include cost labour, material, tools and tackles required to complete as per direction of Architect/ Enginnerin Charge.	cum	50.00		
4	Providing/Laying minimum 200-230mm thk rubble soiling including hand packing, filling voids with metal chips, ramming, compacting, watering . Complete the work as per the instructions of the Architect / Engineer.	sqmt	95.00		
5	Excavation in all type of soil excluding hard rock by manual means upto all depth in foundation, trenches, drains, under road etc. as directed by Architect / Engineer in Charge. The rate to include labour for back filling the trenches with approved earth (excluding black cotton soil) due ramming and watering in layers and disposing the surplus earth as ditrected with all lead and lift.	Cu.Mts	10.00		
6	Providing and laying in position plain cement concrete (1:3:6) , at site on and above rubble soiling. The rate to include the cost of centering, shuttering and finishing, curing, as per direction of the Architect or Engineer-in-charge.	sqm	95.00		
7	Providing and laying in position plum plain cement concrete (1:3:6) , at site of size 300mm x 300mm x 600mm height in foundation to receive MS base plates of vertical post member made of tubular section. The rate to include the cost of centering, shuttering and finishing, curing, as per direction of the Architect or Engineer-in-charge.	Cu.Mts	8.00		

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8	Providing and fixing steel work in built-up tubular sections (square or rectangular hollow tubes of size 70mm x 70mm, 50mm x 50mm,etc.) in trusses, struts, Purlins etc including bolted or welded in built-up , curved sections, trusses and framed <b>as per existing structure</b> to recieve 10mm thk poly carbonate sheet etc. The rate includes applying 2 or more coats of approved quality and shade of anti corrosive paint over a coat of primer /putty complete as per standard technical specifications, instructions of Architect / Engineer-in-charge on site.	sqm	145.00		
9	Providing and fixing coloured chequered tiles 300 mm x 300 mm of approved make by the Bank with required cement and sand mortar bedding in 1:4 (1 Cement : 4 sand ) in line and level with proper slope to drain off rain water etc. complete as per requirement of site conditions and instructions of SBI/SBIIMS engineer.Basic cost of tile : 45 per Sq. ft. excluding GST(Note: If the type and size of tiles varies the difference in basic cost will be paid or deducted)Make: Kajaria, Johnson, Somani or equivalent	Sq.Mts	95.00		
10	Supplying <u>structural steel</u> transporting straightening cleaning, fabricating & erecting at all heights various structures, in position to create walkways using MS section like ISMB(300x150),ISA(60x60x6mm),chequered plates(6mm thick) and MS pipes(40mm dia) in railing walkways at site to line and level, welded/bolted structural steel including supply of bolts and weld fillers, shim plates, including making templates, welding, bolting, erection bolts, cleats, splicings, strengthening of members, etc. including painting of 2 or more coats of approved quality and shade of anti corrosive paint over a coat of primer /putty complete as per standard technical specifications, instructions of Architect / Engineer-in-charge on site.	M.Tonnes	2.00		

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Sr#	DESCRIPTION OF ITEM	UNIT	QTY	Rate	Amount
11	Supply, erection, fixing & Installation of Exterior Walkway Sheets / Skylights to be made out of coloured Multi-cell heavy duty Polycarbonate Sheets with U.V coating of Lexan or equivalent approved make, 10 mm thk of approved colour & design including necessary fixing arrangements, accessories, hardware, bolts etc complete as per manufactures specifications & installation standards as per the technical specifications , as per existing member at site. .S Supporting elements / hollow sectional framework as per manufacturer's & standard technical specifications & installation practice, which shall be free-floating, however with Structural Steel / M.S / Supporting framework to be paid for separately under relevant item No 8. The rate shall however include all joineries, hardware, fittings, fixtures, bolts etc for fixing the sheets to the supporting framework so as to ensure seep-proof, leak-proof & seamless water-tight connection etc complete to the satisfaction of the Architect / Engineer in charge. Flat Area is considered for measurement (LxB).	Sq.Mts	95.00		
12	Design, Manufacture, Supply & Installation of ACP Canopy fixed on to the Aluminium frameworks which in turn is fixed on to the MS structure. The canopy will be 5 M wide & 5 M approx cantilevered fixed to the RCC member of the building by tendons/ pipes / hollow sections. The ACP will be 4mm thick made of 0.5 mm Aluminium skin Kynar 500 PVDF coating + 3mm mineral coare + 0.5 mm Aluminium Skin with service coat. The ACP sheets used will be of Euroband, Viva, Wonder or equivalent.All hardware shall be corrosion resistant. The work includes sealing. Sealing shall be done, using weather sealant of approved make. Weather stripping shall be extruded Neoprene or EPDM Gaskets. The rate quoted for the said Canopy to include - Cost towards Anchor fastener on concrete surfaces of any diameter upto 16mm, including drilling / driving the fasteners, Making hole / cutout in existing RCC work square / rectangular or circular of any shape & size / diameter upto 600 mm dia or size	SQM	57.50		
13	Providing and laying factory made chamfered edge Cement concrete Paver Blocks procured from approved manufacturers, 65 mm thick in foot path, park & lawns driveway or light & traffic parking etc using M 35 grade strength laid in required colour & pattern over 50 mm thick compacted bed of course sand bedding. Compacting and proper embedding/laying of interlocking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand, all complete as per manufacture's specifications & direction of Engineer - in charge	SQ. M	200.00		

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14	Providing and laying of 300 mm dia hume pipe (in existing rain water drain) including fittings Such as bends, tees, single junction, double junctions laying, jointing (including excavation and refilling the trenches) .Complete the workas per instructions of the Architect / Engineer.	rmt	22.00		
15	Providing inspection chamber of size 450mm x 450mm after laying new 300mm dia hume pipe.The rate is inclusive of making necessary cuttings / opening in 230mm thk brick masnory wall & rectify with mortar 1:3, Heavy duty MS cover etc Complete as per instructions of the Engineer.	Nos	10.00		
	<b>TOTAL ESTIMATED COST OF CREATION OF WALKWAY &amp; ASSOCIATED EXTERNAL CIVIL WORKS (ALL ITEMS MENTIONED ABOVE)</b>			<b>Rs.</b>	