

Estimate for the work of Picnic area sheds Phase 2 at GSC Panaji					
Sl no	Description	Qty	Unit	Rate	Amount
1	Earth work in rough excavation, banking excavated earth in layers not exceeding 20cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks, marginal banks and guide banks or filling up ground depressions, lead upto 50 m and lift upto 1.5 m: All kinds of soil	7.00	CUM	666.78	4667.46
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)	0.50	CUM	5588.48	2794.24
3	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size)	5.00	cum	8308.93	41544.65
4	Centering and shuttering including strutting, propping etc. and removal of form for : 5.9.6 Columns, Pillars, Piers, Abutments, Posts and Struts	15.00	sqm	655.09	9826.35
5	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead. Including the old sheet covering.	900.00	kg	3.7	3330.00
6	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete Hot finished welded type tubes <u>G I pipes</u>	900.00	kg	128.08	115272.00

7	<p>Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa 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 during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, 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.</p> <p><u>1.00 mm thick with zinc coating not less than 275 gm/m²</u></p>	45.00	sqm	560.31	25213.95
8	<p>Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :</p>	55.00	Rmt	371.7	20443.50
9	<p>Painting (two or more coats) on rain water, soil waste and vent pipes and fittings with synthetic enamel paint of approved brand and manufacture and required colour over a priming coat of approved steel primer on new work. 100 mm diameter pipes</p>	50.00	Rmt	56.87	2843.50
10	<p>Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work</p>	25.00	sqm	108.53	2713.25
11	<p>Removing any kind of debris including loading in truck and conveying to dumping point approved by BMC, uploading, spreading etc complete with all leads and lifts. Spec: (As directed by Engineer-in-Charge)</p>	8.00	Cum	535.71	4285.68
12	<p>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.</p>	10.00	sqm	767.28	7672.80

13	Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge :	4.00	sqm	2211.11	8844.44
					249451.82
				12 % GST	29934.22
				SAY	279386.04
Note : The parties may visit the site before quoting the rates / before submitting the bids					