

CONVERSION OF EXISTING TEA COURT INTO GYMNASIUM AT IACS, JADAVPUR

Sl. No.	Description of Items	Unit	Quantity	Rate/Unit (Rs.)	Amount (Rs.)
1	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing as directed within the campus of IACS.	Cu.m	2.00		
2	Dismantling Marble stone flooring carefully including stacking serviceable materials at site and removing rubbish as directed by EIC.	Sqm	20.00		
3	Earth work in excavation of foundation trenches in all sorts of soil including removing, spreading or stacking the spoils as directed by EIC upto a depth of 1500mm.	Cu.M	2.50		
4	Supplying, fitting & fixing Zn-Al alloy (55% Al & 45% Zn) coating of 150 grams per sq.metre (followed by approved colour coated on both side) steel sheet (0.5mm thick sheet) work having minimum yield strength of 550 Mpa of trapizoidal profile of approved make (excluding the supporting frame work) fitted and fixed with 55mm & 25mm self tapping screws, EPDM Washer 16mm dia & 3mm thick washer etc. complete with 150 mm end lap and one corrugation minimum side lap in roof.	Sq.m	150.00		
5	Brickwork with 1st class bricks with cement mortar (1:6) in superstructure.	Cu.m	12.00		
6	125 mm thick brick work with 1st class bricks in cement mortar (1:4) with using approved H.B. netting in every third layer.	Sqm	100.00		
7	Ordinary Cement Concrete (mix 1:2:4) with graded stone chips (20mm nominal size) excluding shuttering and reinforcement.	Cu.m	2.50		
8	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thich hard wood planks of approved thickness with required bracing for concrete lintel and chajja including fitting, fising and striking out after completion of works.	Sq.m	15.00		
9	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. initial straightening and removal of loose rust (if necessary) cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per direction. Tor steel/ mild steel	K.G	200.00		
10	Plaster to wall, ceiling etc. with coarse sand and cement mortar with cement sand mortar (6:1) - 20mm thick including rounding off or chamfering corners as directedand raking out joints or roughening of concrete surface including throating, nosing and drip course where necessary.	Sq.m	275.00		

11	M.S structural works for roof trusses with tubular sections conforming to IS: 806-1957 and IS:1161-1958 connected to one another with bracket, gasket, cleats as per design and direction of the E-I-C complete including cutting to requisite size, fabrication with necessary metal are welding conforming to IS: 816-1956 and 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, consumable such as electrodes, gas and hire charges of all tools and plants and labour required for the work including all incidental charges such as electricity charges, labour insurance charges etc. and painting with 2 coats of synthetic enamel paint over a coat of primer as directed at any floor.	M.T	0.75		
12	Providing and fixing anodized aluminum work of approved shade for sliding window as per approved design using extruded standard tubular sections of INDAL 2082 @ 0.554 kg/m. , INDAL 9139 @ 0.81 kg/m and INDAL 4124 @ 0.494 kg/m. or approved equivalent conforming to IS: 733 and IS: 1285 anodized colour of approved shade according to IS: 1868 (minimum anodic thickness 15 micron) fixed with rawl plugs and screws or with fixing clips or with expansion hold fasteners including necessary filling up of gaps at junction, at top, bottom and sides with required neoprene felt etc. This item will include all necessary standard accessories like PVC weather gasket, EPDM glazing gasket, handle hinge and applying polysulphide sealant all around peripheri of the window, along with 5 mm thick tinted float glass of approved colour etc. all complete with allied civil and finishing works and also taking out the existing window as directed by the E-I-C.	Sq.m	12.50		
13	Wood work in door frame fitted and fixed complete including a protective coat of painting at the contact surface of the frame.	Cu.m	0.25		
14	Supplying 35mm thick Solid flush type doors of commercial quality, the timber frame consisting of top and bottom rails and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 37.5mm wide battens places both ways in order to make the door solid core with internal lipping with using phenol formaldehyde as glue etc. complete including fitting, fixing and other fittings & fixture like hinges, handles, tower bolts, sliding bolts, locks etc. as approved by EIC.	Sq.m	10.00		
15	Supplying, fitting and fixing decorative lamination conforming to IS:2046:1995 as per approved make, brand, finish and thickness with fitting, fixing the same on flush door with recommended/approved adhesive with proper clipping the sides as per direction of EIC.	Sq.m	20.00		
16	Rendering the surface of wall and ceiling with white cement based wall putty of approved make and brand of 1.5mm thick.	Sq.m	135.00		

17	Supplying, fitting and fixing at all height False Ceiling of 12.5 mm thick Eco-friendly, Humidity Resistant and Incombustable Light Weight Calcium Silicate boards/tiles (Density <900 Kg per Cu.m & Sound absorption NRC -0.1 to 0.75) conforming to BS 476 (Part IV, VI & VII) of approved design and brand placed in the grid module of size 600mm X 600 mm to a form a false ceiling as per drawing and direction of EIC. The item includes cost of all types of G.I with powder coated chanel, two coats of primer suitable for above board and also including the cost of making opening for light fittings, grills, diffusers, cut outs made with perimeter channels suitably fixed all complete excluding the cost of the painting.	Sq.m	110.00		
18	Priming one coat on timber, plastered or on metal surface with primer of approved quality including smoothening surfaces by sand papering etc.	Sq.m	140.00		
19	Applying Acrylic Emulsion Paint of approved brand and shade on walls and ceiling including sand papering in intermediate coats including putty. 2 coats or more for even shade.	Sq.m	140.00		
20	Applying exterior grade Acrylic primer of approved quality and brand on plastered surface old or new surface to receive decorative texture (matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC.	Sq.m	140.00		
21	Protective and Decorative Acrylic exterior paint of approved quality, as per manufacturer's specification and as per direction of EIC to be applied over acrylic primer as required.	Sq.m	140.00		
22	Providing, fitting and fixing Hydraulic Door closer of approved quality as per I.S.I standard medium size 2	Each	4.00		
23	Supplying, fitting and fixing towel rail with two brackets of C.P over brass with 25mm dia. 750mm long.	Each	4.00		
24	Supplying, fitting and fixing granite slabs 15mm to 18mm thick with uniform texture & without decorative veins on the top of working table 1 & 2 with approved brand adhesive all complete as per direction of EIC. The rate is inclusive all round edge moulding.	Sq.m	5.00		
25	Supplying, fitting and fixing white vitreous china best quality approved make wash basin (Size : 550mm x 400 mm size)with C.I brackets on 75mm X 75mm wooden blocks, C.P waste fittings of 32mm dia., one approved quality brass C.P pillar cock of 15mm dia., C.P chain with rubber plug of 30 mm dia., approved quality P.V.C waste pipe with C.P nut 32 mm dia., 900 mm long approved quality P.V.C connection pipe with heavy brass C.P nut including mending good all damages and painting the brackets with two coats of approved paint.	Each	2.00		
25	Supplying, fitting and fixing Pedestal of approved make for wash basin (white).	Each	2.00		
26	Supplying, fitting and fixing C.P Pillar Cock (15mm) of ESSCO or similar brand.	Each	2.00		

27	Supplying, fitting and fixing Stop Cock short body (15mm) of ESSCO or similar brand.	Each	4.00		
28	Supplying, fitting and fixing G.I pipes of TATA make with all necessary accessories, special viz. socket, bend, tee, union, elbow, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position.				
a).	15mm dia. Medium quality	Metre	20.00		
b).	20mm dia. Medium quality	Metre	20.00		
29	Supplying, fitting and fixing Peet's Valve fullway gunmetal standard pattern best quality of approved brand bearing ISI marking with fitting.(tested to 21kg/sq.cm)				
a).	20 mm dia.	Each	2.00		
b).	15 mm dia.	Each	2.00		
				TOTAL	