

**VIDYASAGAR COLLEGE FOR WOMEN**  
**39, SANKAR GHOSE LANE, KOLKATA – 6**  
**Tender Notice: EXT/VCFW/UNION-2/22**

Sealed quotations are invited by the Principal of Vidyasagar College For Women, 39 Sankar Ghosh Lane, Kolkata – 6, from the Reputed/enlisted vendors for “**Construction of Union room & Gym room at Ground floor in Vidyasagar College For Women**”. The Tender paper shall be received upto 11.00 A.M. on 08.09.2022.

Quotation should be in the name of “Principal, Vidyasagar College for Women, 39 Sankar Ghosh Lane, Kolkata – 700006”. Please mention the Tender Notice number at the top of the envelope and inside the quotation. Details specifications are attached herewith.

SD/

Principal

Vidyasagar College for Women

**VIDYASAGAR COLLEGE FOR WOMEN**  
**39, SANKAR GHOSE LANE, KOLKATA – 6**  
**Tender Notice: : EXT/VCFW/UNION-2/22**

<b>"Construction of Union room &amp; Gym room at Ground floor in Vidyasagar College For Women"</b>					
Sl. No.	Description of Items	Unit	Qty.	Rate(Rs.)	Amount (Rs.)
2	<b>CIVIL WORK</b>				
2.1	Controlled cement concrete with well graded stone chips (20 mm. nominal size) excluding shuttering and reinforcement with complete design of concrete as per ISI-456 and relevant special publications submission of job mix formula after preliminary mix design after testing of concrete cubes as per direction of Engineer-in-charge. Consumption of cement will not be less than 300kg of cement with Super plasticiser per cubic meter of controlled concrete but actual consumption will be determined on the basis of preliminary test & job-mix formula. In ground floor and foundation. [using concrete mixture] <b>M 25 Grade. (i) Pakur Variety</b>	Cum.	10.00		
2.2	Hire and labour charges for shuttering with centreing and necessary staging upto 4 m. using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels curved or straight including fitting, fixing and striking out after completion of works. (upto roof of ground floor) (a) 25 mm. to 30 mm. thick wooden shuttering as per decision & direction of Engineer-in-charge.	Sqm	58.00		
2.3	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, 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 inter-section, complete as per drawing and direction. (a) For works in foundation, basement and upto roof of ground floor / upto 4m. (i) Tor steel/Mild steel	MT	0.60		
2.4	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor.	Sqm	12.00		
2.5	Brick work with 1st class bricks in cement mortar (1:6).(a) In foundation and plinth.	Cum.	9.50		

2.6	(a) M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor.(i) <b>Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.</b>	Qtl.	2.00		
2.7	Making one set of scaffolding only for replacing glass panels, painting, uprooting plant and another repairing works of building and S&P works for external works only with 10 cm. dia bamboo as main posts at the rate of 1 metre centre to centre and 7.5 cm. dia bamboo ties @ 0.75 metre apart fitting and fixing with necessary coir, nails etc. as per direction of the Engineer-in-charge.				
	a) 3.90 metre height	Each	15		
	b) Extra for additional 3.6 height or part thereof	Each	15		
2.8	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints , including throating, nosing and drip course, scaffolding/staging where necessary (Excluding cost of chipping over concrete surface)				
	(i) With 1:6 cement mortar (a) 20 mm. thick plaster	Sqm	40.00		
	(ii) With 1:4 cement mortar (b) 15 mm. thick plaster	Sqm	110.00		
	c) 10 mm 1:3	Sqm	30.00		
2.9	Cleaning the exposed reinforcement preferably upto full diameter by wire brush, applying two coats of polymer based rust removing compound left for 24 hours, removing the coating and then applying two (2) coats of polymer modified anti corrosive protective coating formulated to inhibit the corrosion of reinforcement as per manufacturer's specification]	Sqm	6.00		
2.10	Supplying, fitting and fixing M.S. clamp for fixing door and window frames made of flat bent bar, end bifurcated with necessary screws etc. in cement concrete (1:2:4) including cutting of brick work / concrete work as per direction. ( Cost of concrete will be paid separately). (i) 40mm. X 6mm., 250mm. Length.	Each	118.00		

2.11	Supplying solid flush type doors of deluxe decorative (both side) quality, conforming to I:S 2202 timber frame consisting of top and bottom rail and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 27.5mm wide battens places both ways in order to made the door of solid core and internal lipping with teak, mahogany or rose wood approved decorative veneers using phenol formaldehyde as glue etc. complete, including fitting, fixing the shutters in position but excluding the cost of hinges and other fittings. (a) 35mm thick shutters (single leaf)	Sq.M	2.50		
2.12	Iron/Brass parliamentary hinges conforming to IS 362-1982 fitted and fixed complete with steel screws. 200mm. X 125mm. X 27mm. X 2.50mm	Each	8.00		
2.13	Iron/Brass socket bolt of approved quality fitted and fixed complete.300mm long x 10mm dia bolt.	Each	2.00		
2.14	Brass hasp bolt of approved quality fitted and fixed complete (oxidised) with 16mm dia rod with centre bolt and round fitting.300mm long.	Each	2.00		
2.17	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (6mm nominal size) excluding shuttering and reinforcement,if any, in gound floor as per relevant IS codes.	Cum	4.00		
2.18	Applying epoxy based reactive joining agent for joining the old concrete with fresh concrete to be applied within manufacturer's specified time as per manufacturers specification. (0.4 Kg / m <sup>2</sup> of concrete surface).	Sq.M	3.50		
2.19	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame exluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be correted upto three decimals). Sal : Malayasian	Cum	0.10		

2.20	<p>Providing and fixing of false ceiling with powder coated exposed G.I. grid suspension system (E-Grid T 2430/1510 or equivalent load carrying capacity with mid span deflection not exceeding 1/360 span with hanger spacing of 1200mm c/c ) consisting of Main Runner 3600 mm long, Cross Tee 1200 mm / 600 mm long and Wall Angle. The Wall Angle shall be fixed on PVC Dash Fasteners on the perimeter of the wall by steel screws with distance 300mm c/c. The Main Runners</p> <p>to be placed @ 1200 mm. The Cross Tee 1200mm will be inserted in the pre-cut slots of Main Runner at a regular interval of 600 mm to form a modular grid of 1200mm X 600mm. Additional Cross Tees of 600 mm shall be placed perpendicular to the Cross Tee 1200 mm long to finally form a grid of 600 mm X 600 mm. Grid of module size 600 mm X 600 mm shall be supported by 6 mm dia G.I. wire from purlins / soffit. 4 mm thick High Pressure Steam Cured Non Asbestos pearl designer Fibre Cement Standard Ceiling Board (Density &gt; 1500 Kg/m<sup>3</sup>) of size 595 mm X 595 mm, conforming IS 14862 &amp; Type A Category IV of ISO 8336, tested as per AS-1530 part 3 &amp; BS-476 Part 4,5,6,7 &amp; 8, should be placed in the Grid module to form a False Ceiling. All complete as per the drawing &amp; directions of Engineer-in-charge.</p> <p>a) False Ceiling (with 4mm thick Pearl Designer Fibre Cement Board and E-Grid T-2430/1510).</p>	Sq.M	0.00		
2.21	Dismantling existing room and clear all debris etc. as per instruction of the Engineer.	LS	1.00		
<b>3</b>	<b>PAINTING</b>				
3.1	Priming one coat on timber or other plastered surface with Synthetic oil bound primer of approved quality including smoothening surface by sand papering etc.	Sq.M	140.00		
3.2	Painting on timber surface with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary.	Sq.M	15.00		
3.3	Applying Acrylic Emulsion Paint approved make and brand on walls and ceiling including sand papering in intermediate coats including putty. Two or more coats to give an even shade. Luxury Quality	Sq.M	140.00		
3.4	(a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	Sq.M	15.00		
3.5	Rendering the surface of walls, ceiling with white cement based wall putty of approved make and brand. (1.5mm thick).	Sq.M	140.00		

3.6	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : <b>(a) On steel or metal surface : With super gloss (hi-gloss) - (iv) Two coats (with any shade except white)</b>	Sq.M	15.00		
3.7	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured(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 EIC. Two coats.	%Sq. M	40.00		
3.8	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of EIC to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. In Ground floor (Two Coat) a) Super Protective 100% Acrylic Emulsion.	Sqm	40.00		
<b>4</b>	<b>FLOORING</b>				
4.1	Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ .91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge.(White cement, synthetic adhesive and grout material to be supplied by the contra conc (l) With application slurry @ 1.75 kg/ Sq.m, 20 mm sand cement mortar (1:4) & 2 mm thick cement slurry at back side of tiles, 0.2 kg/ Sq.m white cement for joint filling with pigment.(A) Deep Colour & White	Sq.M	30.00		

4.2	Supplying, fitting & fixing 1st class quality <b>Ceramic tiles</b> in walls and floors to match with the existing floor level Set in 20mm sand cement mortar (1:4) and 2mm thick cement slurry back side of tiles using cement @ 2.91kg/Sq.m or using polymerised adhesive laid after application slurry using 1.75 Kg of cement per Sq.m below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles /epoxy grout materials of approved make as directed. The rate is inclusive of all materials, labour and all other incidental charges complete true to the manufacturer's specification and drection of EIC.				
	<b>(A). WALL</b>				
	With Sand Cement Mortar (1:4) 15mm thick and 2mm thick cement slurry at back side of tiles with adhesive.	Sq.M	0.00		
<b>5</b>	<b>ALUMINIUM WORKS</b>				
5.1	Providing and fixing anodized Aluminium work of approved shade for window as per approved design using extruded standard sections of HINDALCO conforming to IS: 733 and IS: 1285, anodized colour of approved shade according to IS: 1868 fixed with rawl plugs and screws or with fixing clips 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 P.V.C weather gasket, EPDM glazing gasket, handle, hings and applying polysulphide sealant all round peripheri of the window, along with 5mm thick tinted float glass/frosted glass approved colour all complete.	Sq.M	9.00		
				<b>TOTAL</b>	
				GST @ 18%	-
				<b>Total:</b>	
	(Rupees .....)				

Date:  
Place:

Signature of the Contractor  
with seal