

BoQ_SAC 1 Gym Renovation & Extension Work_Sept-2026

Sr. No.	Item/Work Description	Qty	Unit	Rate in Rs.	Amount in Rs.
	CIVIL WORK				
A	DEMOLITION & DISMANTLING WORK				
A.1	Demolition & Removing of existing brick masonry wall with plaster including stacking of reusable materials at designated site and disposal of unused materials from the campus premises.	1,260	SqFt		
A.2	Removing and scraping of old deteriorated plaster of any thickness from wall / RCC members including and disposal debris from outside the campus.	1,320	SqFt		
A.3	Dismantling of existing furniture & electrical fixtures i.e. doors, windows, ventilators etc. (wood or metal), light fittings, ceiling fans, switches & accessories etc. including framing, holdfasts and other attachments etc. complete and shift at the designated place.	LS	1		
A.4	Breaking/Demolition & Removing of existing concrete structures (lintles) with steel bars disposal of debris materials from the campus premises.	LS	1		
Note.	For above activities contractor should remove all kinds of loose material and clear the surface of wall, RCC/Metal/Wooden structure.				
	Sub Total Part A in Rs.				
B	Brick Masonry & Plaster Work				
B.1	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in Superstructure in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(C) Fly Ash Bricks	165	Cft		
B.2	15mm thick sand faced cement plaster on walls above ground level consisting of 10mm thick backing coat of cement mortar 1:3(1 cement 3 sand) and 5mm thick finishing coat of cement mortar 1:1(1 cement 1 sand) watering, curing etc.complete for any Height.	1,650	SqFt		
B.3	19/20mm single step single side polished granite for door/ window/ vent wall with 5-6mm offset from wall/ tile surface. The work including of cutting, edge finishing/ dhar polishing, side polishing, fixing using cement chemical & granite adhesive at any height & floor, in horizontal & vertical manner in 45 degree cut joints in right angle & bottle level with danta/tancha work, plaster/ cement mortar filling to match wall surface level of door openings, curing etc. complete.	55	SqFt		
B.4	19/20mm two step single side polished granite door frame with 5-6mm offset from wall/ tile surface. The work including of cutting, edge finishing/ dhar polishing, side polishing, fixing using cement chemical & granite adhesive at any height & floor, in horizontal & vertical manner in 45 degree cut joints in right angle & bottle level with danta/tancha work, plaster/ cement mortar filling to match wall surface level of door openings, curing etc. complete.	190	SqFt		
	Sub Total Part B in Rs.				
C	Structure Work				
C.1	Structural steel work (Confirming to IS 4923-1997)riveted, bolted or welded in builtup for all type sections, in framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer floor will be Chequered plate all complete as per the structural designs and directions of Engineer in charge.	4,900	Kgs		

C.2	Providing corrugated G.I. sheet of class-3 roofing fixed with galvanised iron J or L Hooks, Bolts and nuts 8mm diameter with bitumen and G.I. limpet washer or G.I. limpet washer. filled with white lead complete excluding the cost of purlins, Rafters and Trusses.(1) 0.80 mm thick sheet.	800	SqFt		
C.3	Providing and fixing PUF Insulated continuous sandwich panels for roofs of total thickness not less than 30 mm made out from continue line method. Panel shall have 0.5 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated in shape for GI and PU foam both material.The crest height of the panel shall be of 35mm minimum wiht 250mm c/c pitch. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of 120 gsm as per IS:277 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have protective guard film of minimum 25 microns to avoid scratches while trasportation.The roof panels are laid over a frame work of trusses, columns and purlins fixed using 90mm self drilling bolt with rubber washer including all types of flashings. PU Foam must be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+ , - 2 Kgs) including 0.25mm craft paper edging,self tapping screws of required length and nos.etc complete as per structural design and direction of Engineer-in-charge.	1,230	SqFt		
C.4	Providing and fixing 6-8 mm thick WPC (Wood Plastic Composite) ceiling panels, 150 mm wide,2900 mm Length of approved make, colour, texture, pattern and finish, complete with all necessary accessories and fixing arrangements, Supply and installation of WPC ceiling panels of required thickness, fixed over a properly levelled and aligned GI/MS framing system, including perimeter channels, intermediate channels, suspension supports, hangers, brackets, clips, screws, fasteners and all other required fixing accessories. WPC panels shall be accurately cut and installed to achieve a neat, level and uniform ceiling surface, including provision for light fixtures, air-conditioning diffusers, access panels, detectors, speakers and other MEP services wherever required. All joints, edges, corners and terminations shall be properly finished.	2,350	SqFt		
	Sub Total Part C in Rs.				
D	DOOR , WINDOW & VENTILATION				
D.1	Providing and fixing 35 mm thick Decorative type Water proof flush door shutters, solid core construction with frame of first class hard-wood with cross band and face veneer or ply-wood face panels, 1.0 mm thick laminate on both sides including Stainless steel fixtures and fastening like handle, aldrop, tower bolt, stopper including primer coat of approved quality and two coats of oil painting for door shutters sides etc complete. as directed by engineer in charge.	3	Nos.		
D.2	Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm @ Wt 1.094Kg / Rmt with colour Powder Coated alluminium frame with 5 mm thick transparent bronze colour tinted float glass or frosted/Liner Flim as details frame etc complete for Fix window .	1,175	SqFt		

D.3	Providing and fixing window having extruded aluminum Colour Powder Coated section frame main outer size 63.50 x 38.10 x 1.95 mm,@ Wt 1.094 Kg / Rmt, horizontal two track member size 61.85 mm x 31.75 mm x 1.20mm @ wt.of 0.695 Kg/mt, vertical member of size 61.85 mm x 31.75mm x 1.30 mm @ wt.of 0.0.659 Kg/mt with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt, vertical member of size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt with 5 mm thick transparent bronze colour tinted float glass or frosted/Liner Flim with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing etc complete for window	245	SqFt		
D.4	Window & Vent Safety Grill : Fabricatin, grinding & finishing of MS safety grill using 14 mm round polished bright bar with minimum 3" space between two horizontal bars, 35mm x 6mm MS flat patta frame and center vertical support with Ivory powder coating and fixing at outer face of window cutout using good quality SS screw with weld bond & wood grip/ bamboo stick/ PVC grip fitting by electrical drill, in line and level, spray paint finish etc. complete.	370	Kgs		
	Sub Total Part D in Rs.				
E	Floor Finishes Work				
E.1	600mm x 600mm vitrified, antiskid floor tiles, 4" skirting tiles with 5mm offset from wall. tile on tile Laying using cement chemical/ adhesive in 3-4mm grove joints with cutting, finishing, fixing in line and levels at any height & floors, leads and lifts, filling of joint/ grove using cement grout, curing, site cleaning etc. complete.	1,200	SqFt		
E.2	Providing and fixing rubber flooring Virgin or recycled SBR (Styrene Butadiene Rubber) base granules with a high-density EPDM (Ethylene Propylene Diene Monomer) wear layer. Must be non-toxic, non-porous, and odor-free. Type of tile Interlocking Tiles / Square-Edged Tiles / Continuous Rolls 600mm x 600mm,10mm thick	1,200	SqFt		
E.3	Providing & Fixing SPC flooring (Stone Polymer Composite) Features multiple layers, including a UV layer, a clear wear layer, a decorative film (wood/stone print), and a thick, hard SPC core offering realistic wood/stone looks, high dent/scratch resistance, easy installation (click-lock), and suitability.	700	SqFt		
	Sub Total Part E in Rs.				
F	Painting Work				
F.1	Apply two OR more coats of interior Royal Paint after single coat of primer paint with finish cement putty, PoP filling in dip holes, crack seal in crack more then 2mm on wall/ceiling, site cleaning etc. complete.	1,650	SqFt		
F.2	Apply two OR more coats of exterior Apex Ultima Paint after single coat of primer paint with finish cement putty, PoP filling in dip holes, crack seal in crack more then 2mm on wall/ceiling at any height & level, scaffolding, site cleaning etc. complete.	900	SqFt		
F.3	Apply two OR more coats of even finish Enamel Paint after single coat of primer paint with brushing/finishing of existing Metal/Wood body, removal of loos particles / dust etc. site cleaning etc. complete.	1,650	SqFt		
	Sub Total Part F in Rs.				

G	Electrical				
G.1	Mains Power : Three Phase Five Wire, 10 Sqmm (RYBN) x 4 Sqmm (EH), Copper Flexible Wire Circuit Wiring in Open Manner in PVC Conduit Pipe/Casing Capping with Accessories & Connections etc. Complete as per EIC.	QRO	Rmt		
G.2	Mains Power : Three Phase Five Wire, 6 Sqmm (RYBN) x 4 Sqmm (EH), Copper Flexible Wire Circuit Wiring in Open Manner in PVC Conduit Pipe/Casing Capping with Accessories & Connections etc. Complete as per EIC.	QRO	Rmt		
G.3	Single Phase Three Wire, 4 Sqmm (P) x 2.5 Sqmm (NL) x 2.5 Sqmm (EH), Copper Flexible Wire Circuit Wiring with Accessories & Connections etc. Complete as per EIC.	QRO	Rmt		
G.4	Single Phase Three Wire, 2.5 Sqmm (PN) x 1.5 Sqmm (EH), Copper Copper Flexible Wire Circuit Wiring with Accessories & Connections etc. Complete as per EIC.	QRO	Rmt		
G.5	Single Phase Three Wire, 1.5 Sqmm (PNE) Copper Flexible Wire Circuit Wiring with Accessories & Connections etc. Complete as per EIC.	QRO	Rmt		
G.6	Single Light Control Point using 1 Sqmm Copper Flexible Ckt Wiring, Switches, Switch Plate, Back box, Accessories & Connections etc. Complete as per EIC. (5Mtr)	QRO	Each		
G.7	Loop Light Control Point using 1 Sqmm Copper Flexible Ckt Wiring, Switches, Switch Plate, Back box, Accessories & Connections etc. Complete as per EIC. (2Mtr)	QRO	Each		
G.8	Fan Control Point using 1 Sqmm Copper Flexible Ckt Wiring, Switches, Switch Type Fan Regulator, Switch Plate, Back box, Accessories & Connections etc. Complete as per EIC. (5Mtr)	QRO	Each		
G.9	AC Power Point using Separate 16Amp Switch & Socket, Backbox, Single Phase Three Wire, 2.5 Sqmm (PN) x 1.5 Sqmm (EH), Copper Copper Flexible Wire Circuit Wiring with Accessories & Connections etc. Complete as per EIC. (5Mtr)	QRO	Each		
G.10	Power Point using Separate 6Amp Switch & Socket, Backbox, Single Phase Three Wire, 2.5 Sqmm (PN) x 1.5 Sqmm (EH), Copper Copper Flexible Wire Circuit Wiring with Accessories & Connections etc. Complete as per EIC. (5Mtr)	QRO	Each		
G.11	On Board 6Amp Power Point with Switches, Sockets, Switch Plate, Back box with Accessories & 1.5 Sqmm Wire Connections etc. Complete. As per EIC.	QRO	Each		
G.12	On Board 16Amp Power Point with Switches, Sockets, Switch Plate, Back box with Accessories & 2.5 Sqmm Wire Connections etc. Complete. As per EIC.	QRO	Each		
G.13	22/24 Watt Round White Deep Down Panel LED Light with 2 Years Warranty, Fix with necessary connections etc. complete. 4200K	QRO	Each		
G.14	22 Watt Round White Surface LED Light with 2 Years Warranty. Fix with necessary Connections etc. complete. 4200K	QRO	Each		
G.15	1200mm, Crompton Make, White, HS Plus Ceiling Fan and Fix with necessary Clamps/Support, connection etc. complete	QRO	Each		
G.16	250mm PVC, Crompton Make Brisk Air Exhaust Fan and Fix with necessary Clamps/Support, connection etc. complete	QRO	Each		
G.17	25mm PVC Conduite Pipe Laying with Zari work in brick masonry wall using electrical cutter/braker. Finish zari work using chicken mess, single coat finish plaster with line & level etc. complete as per EIC.	QRO	Rmt		
G.18	6/8/12 Module MS back box fitting work in brick masonry wall using electrical cutter/braker. Finish gape with single coat finish plaster with line & level etc. complete as per EIC.	QRO	Each		
G.19	AC & Lighting DB of MDS Legrand Make with appropriate size and MCBs with required ratting, Connections etc. Complete as per EIC.	QRO	Each		

Note : Contractor should do one sample work first for prior approval of EIC before total execution wherever applicable.

The rate must be incl of loading, unloading, shifting, transportation, safety measures, scaffolding, shuttering etc.

Contractor should execute the project as per Architect/EIC's Approved Drawings, Specifications & Methodology.

Material provided by DAU : The shifting, lift & leads at any height & floor should be in scope of contractor.

The execution methodology should be as per similar kinds of work done in few places of DAU campus.

For any kind of additional/ extra works; contractor must get prior approval from EIC for execution & rate.

Contractor must use floor guard/plastic/metal/ply sheets etc. to protect existing facility while execution.

For each similar kinds of activities one unit measurement is applicable for same floor.

Contractor should provide applicable guarantee/warranty on supply items and 3 years warranty on total execution.

Contractor should shift the debris from working site to designated site on daily basis as per EIC.

Contractor should shift the construction material & others & site cleaning after completion of works.

EIC could be rejected any kind of defective/damaged material/work done.

No extra payment for any kind of re-work/rectification work.

Contractor should mention applicable GST extra at actual.