

**Name of work: Construction of semi-permanent building over the 2nd floor of existing building at College of Engineering, Aranmula.**

**Tender schedule**

Sl.No.	Quantity	Description	Unit	Rate	Amount
1	8000 kg	Structural steel work in single section, fixed with or without connecting plate, including cutting hoisting, fixing in position and applying a priming coat of approved steel primer etc. complete - <b>ISLB 200 for Column posts</b>	kg	Rs.74.40 (Rs. Seventy four and paise forty)	595,200
2	2500 kg	Structural steel work riveted or bolted or welded in built up sections, trusses, and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer etc complete. (SH: 10.2)	kg	Rs.82.00 (Rs. Eighty two only)	2,050,000
3	18,000 kg	Structural steel work in single section, fixed with or without connecting plate, including cutting hoisting, fixing in position and applying a priming coat of approved steel primer etc. complete - <b>for purlins</b>	kg	Rs.74.40 (Rs. Seventy four and paise forty)	1,339,200
4	2200 m2	Providing and fixing precoated galvanium 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 240mpa 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 Engineer-in-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.	m2	Rs.544.30 (Rs. Five hundred and forty four and paise thirty)	1,197,460

5	75 m	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 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 : Gutter (600 mm over all girth)	m	Rs.786.70 (Rs. Seven hundred and eighty six and paise seventy)	59,003
6	10m3	Reinforced cement concrete work in wall (any thickness), including attached pillars, buttresses, plinth and string courses, fillets, columns, pillars, piers, lintels, abutments, posts and struts etc <b>upto floor five level</b> excluding cost of centering, shuttering, finishing and reinforcement - <b>using 1 : 2 : 4</b> (1 cement : 2 coarse sand : 4 graded stone aggregate of 20mm nominal size (SH : 5.2.3)	m3	Rs.7,678.80 (Rs. Seven thousand six hundred and seventy eight and paise eighty)	76,788
7	70 m2	Centering and shuttering including strutting, propping etc. and removal of forms for: <b>Columns, pillars, piers, abutments, posts and struts (SH : 5.9.6)</b>	m2	Rs.521.20 (Rs. Five hundred and twentyone and paise twenty)	36,484
8	3000 m2	Painting on G.S. sheet/poles with synthetic enamel paint of approved brand and manufacture of required colour to give even shade : New work (two or more coats) including a coat of approved steel primer but excluding a coat of mordant solution. (SH: 13.53.1)	m2	Rs.81.80 (Rs. Eighty one and paise eighty)	245,400
9	150 m	Providing flat iron brackets 50x3 mm size with necessary bolt, nuts and washers etc. for fixing asbestos cement/G.S. sheet/PVC gutters with purlins- (SH: 12.14)	m	Rs.60.85 (Rs. Sixty and paise eighty five )	9,128
10		Supplying and laying PVC pipes of approved make conforming to IS 4985 for water supply pipe and conveying to position with all lead and lift laying true to line and level with required specials in floors or walls, clamping with iron or steel clips, screws to plugs jointing, testing, replacing if necessary, making good the wall etc etc inclusive of hire charges for scaffolding etc.			
a	130 m	a. 160mm PVC pipe (6kgf/cm2) - with split open for 3cm wide for providing gutters.	m	Rs.369.50 (Rs. Three hundred and sixty nine and paise fifty)	48,035

b	160m	b. 160mm PVC pipes for down water pipes	m	Rs.369.50 (Rs.Three hundred and sixtynine and paise fifty)	59,120
c	4 Nos.	c. 160mm PVC end cap	Each	Rs.121.00 (Rs. One hundred and twenty one only)	484
d	20 Nos.	d. 160mm dia. PVC bend	Each	Rs.218.50 (Rs. Two hundred and eighteen and paise fifty)	4,370
e	10 Nos.	e. `160mm dia PVC Tee	Each	Rs.270.75 (Rs. Two hundred and seventy and paise seventy five)	2,708
f	10m	f. 50mm dia. PVC pipe	m	Rs.104.45 (Rs. One hundred and four and paise fortyfive)	1,045
11	60,000 ltr.	Supplying and fixing PVC storage tank as per direction including fitting connections but excluding the cost of fittings etc complete	Ltr.	Rs.5.60 (Rs. Five and paise sixty)	336,000
12	4 nos.	Providing and fixing gun metal non-return valve of approved quality (Screwed end) - 50mm nominal bore ( Horizontal) (SH: 18.19.4.1)	Each	Rs.936.35 (Rs. Nine hundred and thrity six and paie thirtyfive)	3,745
		Estimate P.A.C			6,064,170

**(Rs. Sixty lakh sixty four thousand one hundred and seventy only)**

**Director**