

AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN,
COIMBATORE - 641 043

Modification of Engineering Section in Campus - I

ANNEXURE - I

PRICE BID

S.I No	Description of works	Quantity	Rate in figures	Rate in words	Per	Amount
1	<u>DISMANTLING</u>					
1.1	Dismantling the existing Asbestos Cement sheet roof with M.S.sections of rafters, purlins, columns etc., and stacking the materials is in Good conditions as per the Engineer directions etc., complete.	14.00 m ²			m ²	
1.2	Dismantling the existing Brick / Stone masonry wall by manually / mechanically & stacking the stones in Good conditions as per the Engineer directions and disposal of the debris clearing away from site etc., complete.	10.00 m ³			m ³	
1.3	Dismantling the existing Reinforced Cement Concrete slabs by manually / mechanically including disposal of the debris clearing away from site etc., complete.	9.00 m ³			m ³	
1.4	Dismantling the existing Floor tiles by manually / mechanically including disposal of the debris clearing away from site etc., complete.	16.00 m ²			m ²	

2	<u>FOUNDATION</u>				
2.1	<p>Providing pile foundation of 230mm dia with reinforcement by using 6 nos of 12mm dia for main rod and 8mm dia for stirrups @ 6"c/c including with reinforcement, M20 concrete, all materials, labour charges and curing etc., complete.</p> <p>Note:- The depth of pile foundation is 1.83m</p>	6.00 Nos			Nos
3	<u>REINFORCED CEMENT CONCRETE</u>				
	<p>Reinforced Cement Concrete mix of Grade M20 with 20mm graded coarse aggregate, M.sand including with reinforcement all necessary centering, shuttering, formwork, supports, cross bracing, etc., consolidating with power drive mechanical vibrators, curing, deshuttering carefully, making roughening and or hacking exposed concrete surfaces for key for plastering, grinding with carborandum stone over concrete spills / level difference in joints of concrete etc., providing all necessary holes, cutouts, slits and depressions,etc., in formwork and concrete to place pipelines for ancillary services in any form as shown in the drawing including with all materials, labour charges and curing etc., complete.</p> <p>Note:- The reinforcement details are as per the Engineer Directions.</p>				
3.1	Beams	3.00 m ³			m ³
3.2	Sill beams - 230mm x 75mm	17.00 Rm			Rm
3.3	Lintel beams - 230mm x 150mm	10.00 Rm			Rm

3.4	Sunshades - 610mm x 75mm thick	3.00 m ²			m ²	
4	<u>STEEL WORKS</u>					
4.1	<p>Fabricating and fixing the structural steel works by using existing M.S.sections with suitable welding conveying, hoisting and erecting in position all structural steel viz. stanchions, lattices, girders,trusses, purlins,cladding runner bracing gantry girders etc., as per design and specification etc. aligning them to plumb and required level using all types of fastenings inclusive of foundation bolts and necessary brackets welded to the columns and a prime coat of red oxide paint, two coats of ASIAN APCOLITE PREMIUM SYNTHETIC ENAMEL paint including with all materials, labour charges and transporation etc., complete.</p> <p><u>Note: - The steel will be supplied by the institute with following conditions,</u></p> <p>a) The steel is available in the institute stock room which is 500m away from the working site.</p> <p>b) The contractor will be arranged to bring the steel from institute stock room to working site in his own cost including loading, unloading and transportation etc.,</p>	1.00 M.T			M.T	

5	<u>ROOF</u>				
5.1	Supplying and fixing of 'METECNO' factory insulated PUF sandwich panel glamet 50mm thick, external & internal steel in 0.5mm & 0.4mm thick PPGL, external & internal coating, external & internal colour in standard RAL shade, insulation with rigid polyurethane foam (IS 12436/Bs), density 40+/- 2KG/M3. Effective cover width of the panel will be 1000mm including with suitable fasteners, bitumen washers, all materials, labour charges and transportation etc., complete.	104.00 m ²			m ²
5.2	Supplying and fixing of 0.50mm thick Galvanized Iron sheet for Ridge area of the puf sheet roof. The above ridge sheet width is should be 1.52m including with over lapping, suitable fasteners, bitumen washers, all materials, labour charges and transportation etc., complete.	15.00 Rm			Rm
6	<u>MASONRY WORKS</u>				
6.1	Providing & constructing Brick masonry 9" & above in sub / super structure using first quality wire cut bricks of minimum crushing strength of 35-40 kg / sq.cm, soaking the bricks in approved manufacturer, with a water for minimum two hours including all scaffolding, staging, curing, all labour, hire and fuel charges for all tools ancomplete and as directed in cement mortar 1:6 (1 part of cement & 6 parts of M.sand) at all levels including scaffolding, curing, raking out of joints etc., complete. The rate to be inclusive of Plastering in cement mortar (1:5) 15mm thick, closing the gap between the masonry and RCC beam finished to required slope including with all materials, labour charges and curing etc., complete. Note : The width of the joints not to exceed 12mm.	16.00 m ³			m ³

7	<u>EARTH FILLING</u>				
7.1	Supplying and filling in foundation & basement with well Gravel including with well rammed watered, compacting, consolidating, all materials and labour charges etc., complete.	3.00 m ³			m ³
8	<u>FLOORING</u>				
8.1	Plain Cement Concrete in 1:4:8 (1 Cement, 4 M.sand and 8 Aggregates) 100mm thick, by using 40mm thick HBGS including with all materials, labour charges and curing etc., complete.	24.00 m ²			m ²
8.2	Providing and laying flooring with 600mm x 600mm x 8mm thick size of Vitrified tiles in Cement Mortar 1:4 (1 part of cement and 4 parts of M.sand), 20mm thick cement mortar including surface preparation with 3mm spacer using inbetween two tilies, applying neat cement float, giving necessary slopes, cleaning joints and grouting them in epoxy grouts of laticrete or equivalent to match the shade of the tile including with all materials, labour charges and curing etc., complete. Note:- The basic cost of tile is Rs.60 /- sq.ft	39.00 m ²			m ²

Total Rs.

In words

Signature of the contractor with his seal