

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

Proposed room for IMF centre, Electrical store room and Skincare formulation production lab near CNR Rao lab at 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.	89.00 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.	12.00 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.	2.00 m ³			m ³	

2	FOUNDATION					
2.1	Earthwork excavation in all types of soil viz sand, clay, black cotton, soft and hard murum, soil consisting layers of pebbles, soft rock etc., excluding hard rock which requires blasting, for all works including shoring, strutting, dewatering, wherever required (until foundation work is complete) including spreading, levelling and refilling wherever necessary, compacting, consolidating, depositing the surplus materials in places shown with in the campus, clearing, levelling the site etc., complete complying with standard specifications.	32.00 m ³			m ³	
2.2	Plain Cement Concrete 1:4:8 (1 part of cement, 4 parts of M.sand and 8 parts of aggregates) 150mm thick, by using 40mm Hard Broken Granite Stone jelly including with compacting, all materials, labour charges and curing etc., complete.	33.00 m ²			m ²	
2.3	Random Rubble masonry for foundation works by using Rough stone in Cement Mortar 1:6 (1 part of cement & 6 parts of M.sand) including with all materials, labour charges and curing etc.,	27.00 m ³			m ³	

3	REINFORCED CEMENT CONCRETE					
	<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 including plastering in Cement Mortar 1:3 (One part of cement and Three parts of P.sand), 10mm thickness, 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	7.00 m ³			m ³	
3.2	Sill beams - 230mm x 75mm	40.00 Rm			Rm	
3.3	Lintel beams - 230mm x 75mm	3.00 Rm			Rm	

3.4	Table top slab - 610mm x 75mm thick	9.00 m ²			m ²	
4	<u>STEEL WORKS</u>					
4.1	<p>Supplying, fabricating and fixing the structural steel works by using M.S.sections of SAIL / VIZAG with 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 transportation etc., complete.</p> <p>Note:- The M.S.sections for roof as per Engineer directions.</p>	2.75 M.T			M.T	
5	<u>ROOF</u>					
5.1	<p>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.</p>	120.00 m ²			m ²	

6	<u>MASONRY WORKS</u>					
6.1	<p>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,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, Painting with one coat of white cement, two coats of ASIAN ROYALE SHYNE LUXURY EMULSION (interior) & ASIAN APEX ULTIMA PROTEK TOP COAT (exterior), over one coat of base primer. The closing the gap between the masonry and RCC beam finished to required slope including with all materials, labour charges and curing etc., complete.</p> <p>Note : The width of the joints not to exceed 12mm.</p>	30.00 m ³			m ³	
7	<u>FLOORING</u>					
7.1	<p>Reinforced Cement Concrete in 1:1.5:3 (1 Cement : 1.5 M.sand : 3 Aggregates) M20 Grade in the thickness of 150mm by using 20mm Hard Broken Granite Stone jelly with reinforcement by using both way of 10mm dia bars at 9" c/c, including with all materials, labour charges and curing etc., complete.</p>	15.00 m ³			m ³	

7.2	<p>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 tiles, 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 4" height of skirting, all materials, labour charges and curing etc., complete.</p> <p>Note:- The basic cost of tile is Rs.40 /- sq.ft</p>	110.00 m ²			m ²	
7.3	<p>Providing and laying of anti skid Ceramic glazed floor tiles of size 305x305x6mm thickness to be specified by the manufacturer of 1st quality approved make, in all colours @ shades laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 M.sand), including pointing the joints with white cement and matching pigments, all materials, labour charges and curing etc., complete.</p> <p>Note:- The basic cost of tile is Rs.40/-sq.ft</p>	7.00 m ²			m ²	
7.4	<p>Providing and laying glazed wall tiles of 450mmx300mmx8mm approved make, in all colours and shades size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 10 mm thick bed of cement mortar 1:2 (1 Cement : M.sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade, all materials, labour charges and curing etc., complete.</p> <p>Note:- The basic cost of tile is Rs.40/-sq.ft</p>	38.00 m ²			m ²	

7.5	<p>Supplying and laying of 18mm to 20mm thick Jet black Granite slab for table top in Cement Mortar 1:4, 20mm thick including with nosing, all materials, labour charges and curing etc., complete.</p> <p>Note:- The basic cost of Granite is Rs.162/-sq.ft</p>	9.00 m ²			m ²	
8	<u>FALSE CEILING</u>					
8.1	<p>Supplying and fixing Grid false ceiling with 10mm thick particle mineral board Armstrong tegular edge perforated tiles 600mm x 600mm x 12mm and forming a grid of 300mm x 300mm x 0.9mm, anchored to the ceiling with dash fasteners of 12.50mm dia, 40mm long 6mm dia bolt and nut to the hanger of 25x25x5mm of required length including with all materials and labour charges etc., complete.</p>	110.00 m ²			m ²	
9	<u>ALUMINIUM PARTITION</u>					
9.1	<p>Supplying, fabricating and fixing of Aluminium partition works by using power coated 63mm x38mm x 2mm Aluminium section in the 1/3 of 4mm thick plain glass and 2/3rd of 9mm thick particle board including with provision for sliding windows, door with door closer, necessary rubber beading, aluminium clips, fittings , all materials and labour charge etc., complete.</p> <p>Note:- The Aluminium partition height is 3.05m and Particle board colour & shade are as per the Engineer directions.</p>	120.00 m ²			m ²	

10	<u>JOINERIES</u>					
10.1	Supplying and Fixing of doors (FRP doors) using solid wooden core moulded with fibre glass outer frames and solid wooden core moulded with fibre glass flush door shutters using all accessories like Hinges, Tower bolts, Handles, coat hooks (all of approved make M.S. powder coated) packing neatly in masonry etc., complete. The rate should be inclusive of all materials, Labours, Conveyance and fixing charges etc., complete.	7.00 m ²			m ²	
11	<u>PAINING</u>					
11.1	Providing and applying two coats of ASIAN ROYALE SHYNE LUXURY EMULSION to all INTERIOR for existing internal walls / ceiling of approved colour over a coat of base primer and one coat of kottayam white cement including preparation of surface by through cleaning and wetting and applying necessary readymade putty of "Altek or "Wall care" or equivalent as per manufacturer specification fully to give a smooth and even surface before painting and curing as per manufacturers specifications and as directed.	145.00 m ²			m ²	

11.2	Providing and applying two coats of ASIAN APEX ULTIMA PROTEK TOP COAT to all EXTERIOR for existing walls of approved colour over a coat of base primer and one coat of kottayam white cement including preparation of surface by through cleaning and wetting and if need applying necessary patch readymade putty of "Altek or "Wall care" or equivalent as per manufacturer specification fully to give a smooth and even surface before painting and curing as per manufacturers specifications and as directed.	80.00 m ²			m ²	
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Total Rs.

In words

Signature of the contractor with his seal