

## Schedule of Rate

**Name of Work:** Fencing work at Institute land near Silchar Airport Road.

**Length of the fencing = 127.00 RM**

Completion period: 90 days.

OR:

CR:

OM:

Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
1	Earthwork in excavation for foundation trenches of walls, retaining walls, footings of column, steps, septic tank etc. including refilling (return filling) the quantity as necessary after completion of work, breaking clods in return filling, dressing, watering and ramming etc. and removal of surplus earth with all lead and lifts as directed and specified in the following classification of soils including bailing out water where necessary as directed and specified. (A) Up to a depth of 2.00m below the existing ground level. (a) In ordinary soil	Cum	35			
2	Providing form work of ordinary timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc., height of propping and centering below supporting floor to ceiling not exceeding 4.0M and removal of the same for in-situ reinforced concrete and plain concrete work in:					
	Foundation, footings, bases of columns, column, pile cap, raft and mass concrete works etc. Using 25mm thick plank	Sqm	250			
	Columns, Pillars, Posts & Strut	Sqm	32			
	Sides of tie beams, grade beams etc. at or below ground level.	Sqm	20			

Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
3	Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brick works etc. as directed and specified including dewatering if necessary, and curing complete (shuttering where necessary shall be measured and paid separately). (b) In prop 1cement: 3 sand : 6 coarse aggregate by volume	cum	5			
4	Providing and laying plain/reinforced cement concrete works cement, coarse sand & 20mm down graded stone aggregate including dewatering if necessary, and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete work (form work and reinforcement will be measured and paid separately).					
	Foundation, footing, columns with base tie and plinth beam, pile cap, base slab, retaining walls, walls of septic tank, inspection pit and the like and other works not less than 100mm thick up to plinth level. b) M20 grade concrete or Prop. 1:1.5:3	cum	25			
	Columns, pillars, posts, struts, suspended floor, roof, landing, shelf and support, balcony, lintel, sill band, beam, girder, bressumer, cantilever, staircase (except spiral staircase and landing ) including preparing the top surface and finishing of nosing	Cum	1.5			
5	Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20G annealed black wire and placing in position with proper blocks, supports, chairs, spacers etc. complete. (No extra measurement for lap, hook, chair, anchor etc. will be entertained in the measurement as they are included in the rate) (Upto 1st floor level). Other ISI approved TMT reinforcement bar (SAI/BISCON/THERMAX)	Qtl	2.5			

Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
6	Brick work in cement mortar with 1st class brick including racking out joints and curing complete as directed in sub-structure up to plinth level. In Prop. 1:4	Cum	5			
7	112mm thick 1st class brick nogged wall in cement mortar including racking out joints and curing complete as directed in super structure above plinth up to 1st floor level (protruding M.S rod/Tor steel of column to be embedded in cement mortar and will be measured and paid separately). (a) In cement mortar in proportion 1:4 (1 cement:4 sand)	Sqm	80			
8	15 mm thick Cement plaster in single coat on single or half brick wall for interior plastering up to 1st floor level including arises, internal rounded angles, not exceeding 80mm girth and finished even and smooth including curing complete as directed. b) In cement mortar 1:4	Sqm	250			
9	<p>Supplying, fitting and fixing chain link fencing of 10 S.W.G, G.I. Wire 50mm x50mm mesh fitted to M.S angle iron post at 2000mm apart of specification detailed below including supplying, fitting and fixing hooks, eye bolts with nuts, staples and bolts including three horizontal lines of G.I wire 10 S.W.G at top,middle and bottom and with one vertical line to each fencing post for keeping the fencing tight and erect complete, including one coat of primer painting to M.S angle iron post in P.C.C base etc. with following.</p> <p>a) Corner and end posts with M.S angle of size 50mmx50mmx 5mm and length not less than 1800mm only duly slotted and bottom torqued with two numbers as stay posts</p> <p>b). Intermediate post with M.S angle of size 40mmx40mmx5mm and length not less than 1800mm only duly slotted and bottom torqued and splayed.</p>	Sqm	191.00			

Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
	c).Stay post with M.S angle of size 35 mmx35mmx5mm and length not less than 1800mm duly slotted and bottom torqued and splayed. All M.S angle iron posts are to be fitted to P.C.C base embedded not less than 600mm (P.C.C. work shall be measured and paid separately)					
10	Applying one coat of cement primer of approved brand and manufacture on new wall surface after thoroughly brooming the surfaces free from mortar droppings and other foreign matter and including preparing the surface even and sand papered smooth.	Sqm	250.00			
11	Finishing old / new wall with water proofing weather coat smooth anti-fungal exterior painting of approved make of Berger paint of required shade after cleaning and clearing the surface etc. including scaffolding complete as directed at all levels (two coats)	Sqm	250.00			
12	Structural steel work in single sections including cutting, hoisting, fixing in position and applying a priming coat of red lead paint (up to 4.6m height) from plinth level including drilling holes, supplying, fitting and fixing with bolts and nuts or welding, if necessary as directed. In M.S. angles, channels, Tees etc.	Qtl	5.00			
13	Applying primary coat over new steel and other metal surface over 100m in width or girth after preparing the surface by thoroughly cleaning oil,grease, dirt and other foreign matter and scoured with wire brushes, fine steels, wood scrapers and sand paper. a) With ready mixed "red-lead/ red oxide" primer.	Sqm	30.00			

Sl. No.	Description of Item	Unit	Quantity	Rate in fig	Rate in word	Amount
14	Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint of approved brand and manufacture(Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.(i).Surfaces over 100mm in width or girth.a). General purpose (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac).	Sqm	30.00			
15	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer in charge.	Cum	2000.00			
16	Stone Masonary work in retaining wall, wing wall, abutment, foundation steps, plinth etc. in cement mortar in prop 1:6 with levelling course of 1:6:12 with both faces hammer dressed including bonding, providing face stone, through stone and centering including racking of joints, curing and supplying and all carriage of stone as directed including payment of forest, royalty and sales tax and carriage. (i) Random Rubble Masonry	Cum	25.00			

**Total = Rs.**