

Name of Work: Construction of DG Shed at New Administrative Building NIT Silchar.

Time of Completion: 30 Days.

Schedule of Rate

Sl. No.	Description of Item	Unit	Quantity
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) Upto a depth of 2.00 m below the existing G.L. In ordinary soil	Cum	30.00
2	Earth/ sand filling in plinth in layers not more than 150mm thick including necessary carriage, watering, ramming etc. complete as directed and specified including payment of land compensation, forest royalty, sales tax and other duties and taxes as may be necessary. With earth or silt or sand obtained by head load with lead upto 90m and lift upto 2m	Cum	40.00
3	Supplying chemical emulsion in sealed containers including delivery as specified. Chlorpyriphos/Lindane emulsifiable concentrate of 20%	Lits	15.00
4	Diluting and injecting checmical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion): Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300mm apart including drilling 12mm diameter holes and plugging with cement mortar 1:2 (1 cement : 2 coarse sand) to match the existing floor: With Chlorpyriphos/Lindane E.C. 20% with 1% concentration.	Sqm	35.00
5	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). (a). In prop. 1:3: 6 (1 cement:3 coarse sand : 6 coarse agg. by volume.	Cum	1.50
6	Providing and laying plain/reinforced cement concrete works cement with 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). In sub - structure up to plinth level.		
	(a) 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone agg. 20mm. Nominal size)	Cum	5.00

Sl. No.	Description of Item	Unit	Quantity
7	Providing 25mm thick 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:		
	a) Foundation, footings, bases of columns etc.	Sq.M	35.00
8	Brick work in Cement mortar 1:4 (1 cement : 4 coarse sand) with 1st class brick including racking out joints and dewatering if necessary, and curing complete as directed in sub-structure up to plinth level.	Cum	3.00
9	112 mm thick 1st class brick nogged wall in Cement mortar 1:4 (1 cement : 4 coarse sand) 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)	Sq.M	30.00
10	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 (upto 1st floor level). TMT bar ISI approved TATA/SAIL	Qntl.	3.00
11	Providing fitting, hoisting and fixing of roof trusses including purlins fabricated out of M.S. black-tubes conforming to relevant I.S. code, as per approved design and drawings including providing M.S. cleats, base plates, bolts and nuts and one coat of red oxide Zinc Chromate primer and two coats of approved enamel paints complete including fitting necessary cleats etc. for fixing ceiling joists as per design and drawing as directed.	Qntl.	20.00
12	Providing 0.63mm corrugated galvenised Iron sheet roofing of TATA SHAKTEE / SAIL including fitting and fixing necessary galvenised J or L hooks, bolts and nuts 8 mm dia with bitumen washer 25 mm dia x 3 mm thick and 1.6 mm thick limpet washer complete excluding cost of roof truss, purlin etc. (Roof trusses and purlin etc.to be measured and paid separately).	Sqm	85.00
13	Providing galvd iron ridging of TATA SHAKTEE / SAIL including supplying and fixing necessary galvd screws/washers etc. complete as directed. 0.63mm thick 230mm lapping.	Rmt	18.00
14	15 mm thick Cement plaster in single coat on rough side / fair of 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. (a) In cement mortar 1:4	Sq.M	25.00

Sl. No.	Description of Item	Unit	Quantity
15	Supplying & laying of 40mm - 60mm gravel including all complete as directed and specified by the Department	Cum	8.00
16	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	40.00
17	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.a). General purpose.	Sqm	40.00
18	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.	Sq.M	35.00
19	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)	Sq.M	35.00

Total = Rs.

Total Estimated Cost: Rs. 4,71,823.00 over APWD (B) SOR 2013-14 with 20% cost index & 12% GST (after deducted Vat @ 5%).

Quoted Rate in percentage (%) over estimated cost (In word & fig)	
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Signature of the Agency / firm