

CSIR-NORTH EAST INSTITUTE OF SCIENCE & TECHNOLOGY
(COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH)
Jorhat Assam 785 006

NAME OF WORK: Construction of a shed to house Gen set at CSIR-NEIST, Jorhat

SCHEDULE OF QUANTITIES

Sl. No	Description of Item	Unit	Qty	Rate in Figure	Rate in Words	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	12.57			
2	Providing soling in foundation and under floor with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the sub grade as directed including all labour and materials and if necessary dewatering, complete.(a).Brick on flat soling.	Sqm	100.44			
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).(a) In prop 1 cement: 3 sand :6 coarse aggregate by volume	Cum	17.01			
4	Providing and laying plain/reinforced cement concrete works cement, coarse sand & 20mm downgraded 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) (B) In super structure from plinth level up to 1st floor level. ii) 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.N) Without using admixture, plasticizer) M20 grade concrete or Prop. 1:1.5:3	Cum	6.35			

Sub Total Rs.

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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) (Up to 1st floor level)	Qtl	6.74			
6	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 insides of tie beams, grade beams etc. at or below ground level. Using 25mm thick plank	Sqm	59.88			
7	Brick work in cement mortar with 1st class brick including racking out joints and dewatering if necessary, and curing complete as directed in sub-structure up to plinth level.(b). In proportion 1:4.	Cum	11.25			
8	20 mm thick Cement plaster in two coats, backing coat 15 mm and finishing coat 5mm thick on rough side of single or half brick walls for interior plastering up to 1st floor level including arises, internal rounded angles, chamfers and / or rounded angles not exceeding 80mm in girth and finished even and smooth including curing complete as directed. (b). In cement mortar 1:4	Sqm	100.76			
9	Steel work welded in built up sections, framed work including cutting, hoisting and fixing in positions and applying priming coat of red-lead paint including drilling holes, supplying, fitting and fixing with bolts and nuts or welding, if necessary as directed. a) In beams and joists with connecting plates/ angled cleat.	Qtl	15.55			

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Sl. No	Description of Item	Unit	Qty	Rate in Figure	Rate in Words	Amount
10	Providing fitting, hoisting and fixing of roof trusses including purlins fabricated using MS circular hollow section 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. b) Using other ISI marked approved circular hollow section	Qtl	10.97			
11	Providing Pre Painted Galvanized Iron Sheet Roofing (PPGI) at all levels including fitting and fixing with self drilling, self tapping screws complete. (Roof trusses, purlins etc. to be measured and paid separately.) TATA Blue scope/ Dyna roof / Durakolor /Wonder Roof/spectrum or equivalent as directed by the Department (ii) 0.45 mm thick	Sqm	169.33			
12	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	118.26			
13	Finishing wall with two coats of acrylic emulsion exterior coatings of Unicem "Rakshak" brand of required shade by thinning 1ltr. of paint with 750ml of water to give an even shade after thoroughly brooming the surfaces to remove all dirt and remains of loose powdered materials as specified and directed by the department	Sqm	118.26			
14	Pre-cast cement concrete tiles 20 mm thick with aggregate of sizes up to 6 mm laid in floors, treads of steps and landing with 20 mm thick bed of cement mortar in prop. 1:6 (1cement : 6 coarse sand) joined with neat cement slurry with pigment to match (b) Any shade or combination of shades using approx. 50% white cement 50% grey cement.	Sqm	82.10			

Sub Total Rs.

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NAME OF WORK: Renovation of frontage and sides of CSIR-NEIST Auditorium.

SCHEDULE OF QUANTITIES

Sl. No	Description of Item	Unit	Qty	Rate in Figure	Rate in Words	Amount
15	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.(c) With river sand or silt (predominantly non plastic) by truck carriage including loading and unloading.	Cum	46.73			

Grand Total Rs.

Rupees (.....) Only.

- NB:
1. Rate must be quoted both in word and figure.
 2. All work will be executed as per CPWD's norms.

Signature of Contractor
With rubber stamp