

**Name of the work: Renovation Work in Shed of Old SET LAB CSIR-
CMERI, Durgapur**

Schedule

Item No.	Particulars of items	Unit	Total Qty	Rate (Rs.)	Amount (Rs.)
1	Demolishing brick work in cement mortar manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material as per direction of Engineer-in-charge.	cum	0.50	Rs Rupees	
2	Earth work in excavation in all kind of soil / bolder by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m or as directed by EIC, disposed earth to be levelled and neatly dressed.	cum	1.00	Rs Rupees	
3	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m or as directed by EIC.	cum	1.00	Rs Rupees	
4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 with cement mortar 1:4 (1 cement : 4 coarse sand) in foundation and plinth.	Cum	0.25	Rs Rupees	
5	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	SQM	40.00	Rs Rupees	
6	Stitching crack in brick wall by carefully cutting out face brick 250 mm. long, 75 mm. thick and 125 mm deep into the wall, cleaning the gap and filling up the same with sound new brick, carefully set in cement mortar (1:3) including mending good damages and finishing the surface to match with adjacent areas complete as per direction.	each	60.00	Rs Rupees	

Gay C. Singh
29/11/19

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7	Removing white or colour wash or existing paints by scrapping and sand papering and preparing the surface smooth including necessary repairing to scratches etc. complete.	Sqm.	150.00	Rs Rupees	
8	Repairs to plaster With cement mortar 1:4 (1 cement : 4 fine sand) of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground,all complete as per directions of Engineer-In-Charge.	SQM	135.00	Rs Rupees	
9	Applying one coat with ready mixed pink or gray primer of approved brand and manufacture on wood work.	sqm	22.00	Rs Rupees	
10	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade. two or more coat.	sqm	22.00	Rs Rupees	
11	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade for new work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) on existing wall surface.	Sqm	285.00	Rs Rupees	
			TOTAL		-
Rupees:					

Dr. Jay L. Gupta
24/11/19

**CSIR-CENTRAL MECHANICAL ENGINEERING RESEARCH INSTITUTE
(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)
M.G.AVENUE, DURGAPUR- 713209, INDIA**

Scope of work & other details

30.01.2019

NAME OF THE WORK: "Renovation Work in Shed of Old SET LAB CSIR-CMERI, Durgapur.."

A. SCOPE OF WORK: The scope of work includes the following:

1. Dismantling damaged plaster of wall and repair the same.
2. Constructing plinth protection on EEG lab side.
3. Stitching crack in brick wall with sound new brick, carefully set in cement mortar (1:3).
4. Painting the external wall & door.
5. Excavation and backfilling work as necessary.

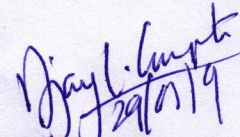
B. Rates: The rates has been arrived based on DSR-16 and WBPWD -17.

C. Specifications: CPWD Specification of items of the work for the execution of the said work shall be followed.

D. Works Manual: The said proposal has been prepared based on **CPWD Works Manual 2014**.

E. Method: The method proposed for carrying out the project is Item Rate Contract.

F. Time: The estimated time of completion from the date of receipt of work order shall be 21 days.


Submitted by
A.K. Gupta
(EE, Civil)
30.01.2019

HEAD ESD

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Name of the work: "Renovation Work in Shed of Old SET LAB CSIR-CMERI, Durgapur"

LIST OF APPROVED MAKES FOR CIVIL WORK.

1. The Contractor shall obtain approval from the Engineer-In-Charge before placing order for any specific material or engaging any of the specialized agencies.
2. Wherever applicable. The Engineer-In-Charge may approve any material equivalent to that specified in the tender subject to proof being offered by the Contractor for equivalence to his satisfaction.
3. Unless otherwise specified, in the tender document all the materials which are ISI Marked shall be used in the work and if the ISI marked materials are not available, materials conforming to IS shall be used, and for the materials which are neither ISI marked not conform to IS, the manufacturer's Specification shall be followed.

S. No.	Description	Approved Makes
1	CEMENT	ACC, LAFARGE , ULTRATECH,
2	COARSE SAND	CONFORMING TO ZONE -III
3	PAINTS	1st Quality paints of Asian/ Berger /AkzoNobel.

Handwritten signature and date:
29/9/19.