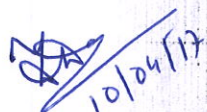


SCHEDULE					
Name of the work -"Construction of a portion of drain and rising of height of car parking place in front of main building at CSIR-CMERI, Durgapur."					
Item No.	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
1	Dismantling RCC work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material in a long distance within the campus lead as per direction of Engineer-in-charge.	Cum	0.50		
2	Demolishing cement concrete, bituminous concrete, jhama bricks manually / by mechanical means including stacking of serviceable materials and disposal of unserviceable materials as per direction of EIC in nominal concrete 1:3:6 or richer mix	Cum	5.00		
3	Demolishing brick work manually/ by mechanical means including stacking-In cement mortar of serviceable material and disposal of unserviceable material ithin 50 metres lead as per direction of Engineer-in-charge	Cum	4.00		
4	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the damping ground within Institute Campus as per instruction of EIC.	Sqm	12.00		
5	Removing of RCC cover slabs and cleaning or uplifting sludges/soils/vegetables etc. from of approx 400mm X 500mm cross sectional drains and dispose of the same to a far distance within Institute campus as per direction of Engg.-in-charge.	m	150.00		
6	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains including dressing of sides & rammaning of bottoms, lift upto 1.5m, including getting out the excavated soil & disposal of surplus excavated soil as directed, within a lead of 50m in all kinds of soil. Hydraulic excavator will not be allowed. If any under ground Electrical cables /pipe lines destructured by concern Contractor, the same must be changed or repair, cost will be deducted from the cotractor's bill.	Cum	15.00		
7	Filling available excavated earth(excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, cosolidating each deposited layer by ramming and watering, lead upto 50m and lift upto 1.5m.	Cum	5.00		
8	Providing & laying in position cement concrete of specified grade excluding the cost of centering & shuttering, upto plinth level in 1:2:4 (1 cement :2 coarse sand zone III :4 graded stone aggregate 20 mm. nominal size) making the surface completely smooth or checkerd as per Instruction of EIC.	Cum	4.00		
9	Providing & laying in position cement concrete of specified grade excluding the cost of centering & shuttering, upto plinth level in 1:3:6 (1 cement :3 coarse sand zone III :6 graded stone aggregate 20 mm. nominal size).	Cum	3.20		
10	Brick work with common burnt clay FPS(non modular) bricks of class designation 7.5 in foundation and plinth in : Cement mortar 1:6 grade (1 cement : 6 coarse sand).	Cum	11.00		

Name of the work -"Construction of a portion of drain and rising of height of car parking place in front of main building at CSIR-CMERI, Durgapur."					
Item No.	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
11	Centering & shuttering including strutting, propping etc & removal of form for all heights: Foundations, footings, bases of columns, etc. for mass concrete.	Sqm	40.00		
12	Reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete. Cold twisted bars.	Kg	300.00		
13	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement -All work upto plinth level: 1:1.5:3(1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size).	Cum	3.50		
14	Providing and fixing 18mm thic gang saw cut mirror polished premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills, facias and similar location of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement: 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edge to give high gloss finish etc. complete at all levels: Granite of any colour and shade Area of slab over 0.50 sqm.	Sqm	40.00		
15	Extra for providing opening of required size & shape for wash basins/kitchen sink/Drain top slab in kitchen platform, venity counters and similar location in Marble/Granite/stone work including necessaru holes for pillar taps etc. including rubbing and polishing of cut edges etc. complete.	each	10		
16	15mm cement plaster on rough side of mix 1:4 (1cement: 4coarse sand) on new or old wall per instruction of EIC.	Sqm	60.00		
17	Marble stone flooring with 18 mm thick (design purpose/ border) marble stone, as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry, including rubbing and polishing complete with : Agaria white marble.	Sqm	10.00		
Total Rupees in words:				Total	




10/04/17


10/04/17

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

Annexure-2

Name of the work : "Construction of a portion of drain and rising of height of car parking place in front of main building at 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 nor conform to IS, the manufacturer's Specification shall be approved through EIC.

Description	Approved Makes
Cement	ACC, LAFARGE , ULTRATECH,
Coarse Sand	CONFORMING TO ZONE -III
Granite/Marble	As per Schedule
Reinforcement	TATA, SAIL


10/04/17


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