

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

Scope of work & other details

24.04.2019

NAME OF THE WORK: "Modification of existing drain at 10 different points of required size at bottom of the drain at CMERI, colony, Durgapur 09".

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

Civil:

4. Boring/drilling bore well of required dia for casing/ strainer pipe
5. Side filling of the bore well with gravels & sand.
6. Fixing in vertical position in bore well PVC medium well screen pipes.

B. Rates: The rates has been arrived based on DSR-18 and WBPWD -17.

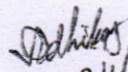
C. Specifications: CPWD Specification of items of the work for the execution of the said work shall be followed.

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 20 (Twenty) days.

Submitted by


24/4/19

P. Adhiakry
(AE, Civil)

E.E. (Civil)

Head ESD

SCHEDULE

Name of the work: "Boring inside existing drain at 10 different points of required size at bottom of the drain at CMERI, colony, Durgapur 09"

Item No.	Description	Unit	Qty.	Estimated	
				Rate (Rs.)	Amount (Rs.)
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	cum	0.25		
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	cum	0.25		
3	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level. 300 mm dia	metre	40.00		
4	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	cum	2.00		
5	Supplying, filling, spreading & leveling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads & lifts, all complete as per direction of Engineer-in-charge.	cum	1.00		
6	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of: 150 mm dia	each	10.00		
7	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge. 150 mm nominal size dia	metre	40.00		
Total Amount					
				Say Rs.	

Day C. Gupta
5/4/19
D. Das
5/4/19