

**Bid Sheet for Drain behind Security Barrack at 132/11 KV RGIIM Sub:Station at Umsawli.**

**The rates is based on the Scheduled of rates P.W.D Building works in Meghalaya for the year 2015-2016 prevailing role of Khasi Hills.**

Sl. No.	Description of work	Units	Qntty	Rate	Amount
1/1.1 (a)	Earth work in excavation in foundation trenches including dressing of sides ramming of including stacking of serviceable stones , disposal and removal of excavated earth within a lead of 50m and lift of 1.50m complete as directed.  a) in ordinary soil .	2.72	m <sup>3</sup>		
2/4.1 (c)	Providing 100mm thick soling with approved quality of stones including carriage,ramming,consolidating and filling the interstices with stone aggregates complete =85x1.0=110.50m <sup>3</sup>	m <sup>2</sup>	110.5		
3/2.8 (b)	Supplying,fitting and fixing in position reinforcement bars upto 1st floor level conforming to relevantI.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(Rates inclusive of all wastages,lapping,hooks,chairs,anchorage etc and no measurement for the same is required. (b) Other ISI approved TMT reinforcement bar(of SAI/BISCON/XTECH/THERMAX make or equivalent) A) 12mm Dia 2x17{(4x1.50)+4(4x85)}=1564.00RM Total 1564.0Rm@0.888kg/Rm=1388.832Kg B) 6mm Dia 2x17{(4x1.20)}+4(340x1.60)=2339.20 Rm  Total 2339.20Rm@0.222kg/Rm=519.302Kg <b>Total=1908.134Kg say 19.081Qntl</b>	19.081	Qntl		
4/2.1 (a)	Providing and laying c.c 1:3:6 coreresponding to M100 (1-cement, 3- sand,6-stone)including necessary curing excluding shuttering. (a)cement procurred by contractor  2x17{0.40x0.40x1.50}+{4(85x0.40x0.40)}+(1x85x0.10)=71.06m <sup>3</sup>	m <sup>3</sup>	71.06		

5/2.10 (a)	<p>Providing form work of ordinary timber planking of thickness not less than 25mm and removal of the same for concrete members so as to give a rough finish including centering,shuttering,rrutting and propping etc for height of propping and centering of supporting floor to the soffit of concrete member not exceeding 4.0M as specified for the following items.</p> <p>(a)Foundation,footings,bases of columns,pile cap,raft and mass concrete works etc</p> $2 \times 17 \{ (4 \times 0.40 \times 1.0) \} + 4 \times (4 \times 0.40 \times 85) = 598.40$	598.4	M <sup>2</sup>		
6/4.6 (a)	<p>Brick nogged wall with 1st class brick in cement mortar including racking out joints and curing complete as directed in super structure above plinth up to 1st floor level</p> <p>(a)Half brick(112mm) thick 1st class brick nogged wall</p> <p>(ii)In proportion 1:4(1 cement:4 Sand)</p> $4(85.0 \times 1.0) = 340.0$	340	M <sup>2</sup>		
7/5.1 (a)	<p>10mm thick cement plaster in single cot on fair side of brick/concrete walls for interior plastering up to 1st floor level including arises or rounded angles not exceeding 80mm girth and finished even and smooth including curing complete as directed .</p> <p>(a) In cement mortar 1:3</p> <p>(i) <math>2 \{ 2 \times 85 \times 0.90 \} = 306</math></p>	306.00	m <sup>2</sup>		
		Sub- Total(A) =			