

OFFICE OF THE MUNICIPAL CORPORATION, RAIGARH (C.G.)										
DETAILED ESTIMATE FOR CONSTRUCTION OF R. C.C. DRAIN FROM MANOJ HOUSE TO MANBODH HOUSE, AT- WARD NO -34, RAIGARH (C.G.) 496001										
CONSTRUCTION OF R.C.C. DRAIN										
S. No.	SOR Ref	DESCRIPTION	No	L	B	D/H	QTY	UNIT	RATE	AMOUNT
1	2	3	4	5	6	7	8	9	10	11
<b>Estimate for Drain</b>										
1	1.10	Pumping out water caused by springs tidal or river seepage, broken water main or drains and like during Excavation or during Excavation and laying of base concrete (volume to be calculated taking height from water level to bottom of pit and to be measured and paid).	1	130	3.50	0.30	136.5			
		<b>Total =</b>					<b>136.5</b>	<b>cum</b>	<b>146.00</b>	<b>19,929.00</b>
2	(Road SOR) 1.6	Supply of fine aggregate and filler material as per clause 520 including all lead and stacking etc. complete								
	i)	Crusher stone dust	1	130	3.50	0.10	45.5			
		<b>Total =</b>					<b>45.5</b>	<b>cum</b>	<b>879.0</b>	<b>39,994.50</b>
3	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
		<b>Shuttering for Wall RCC (H)</b>	4	130		1.35	1560.0			
		<b>Total =</b>					<b>1716.0</b>	<b>sqm</b>	<b>139.00</b>	<b>2,38,524.00</b>
4	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								
	3.12.2	Thermo-Mechanically treated bars FE 500D								
		<b>100 KG / CUM</b>								
		B/F Qty of #7 - '3.2.1'	1	99.5	@	80	7956.0			
		<b>Total =</b>					<b>7956.0</b>	<b>kg</b>	<b>54.50</b>	<b>4,33,602.00</b>
5	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size)	1	130	3.50	0.10	45.50			
		<b>Laying PCC</b>								
		<b>Total =</b>					<b>45.50</b>	<b>cum</b>	<b>2970.00</b>	<b>1,35,135.00</b>
6	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.2.1	1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size).	1	130	3.30	0.15	64.4			
		<b>Base RCC</b>								
		<b>Wall RCC</b>	2	130	0.10	1.35	35.1			
		<b>Total =</b>					<b>99.5</b>	<b>cum</b>	<b>4163.00</b>	<b>4,14,010.35</b>
7	1.7	Extra rate for quantity of work executed in or under water and/ or liquid mud including pumping out water.								
		B/F Qty of #6 and #7 - '3.1.3 + 3.2.1'	1				144.95			
		<b>Total =</b>					<b>144.95</b>	<b>cum</b>	<b>57.00</b>	<b>8,262.15</b>
8	3.10	Extra for laying PCC / RCC, in or under water or liquid mud including cost of pumping or bailing out of water and removing slush etc. complete:								
		B/F Qty of #6 and #7 - '3.1.3 + 3.2.1'	1				144.95			
		<b>Total =</b>					<b>144.95</b>	<b>cum</b>	<b>261.00</b>	<b>37,831.95</b>

S. No.	SOR Ref	DESCRIPTION	No	L	B	D/H	QTY	UNIT	RATE	AMOUNT
1	2	3	4	5	6	7	8	9	10	11
9	3.11	Extra for laying PCC / RCC, in or under foul conditions.								
		B/F Qty of #5 and #6 - '3.1.3 + 3.2.1'	1				144.95			
							Total = 144.95	cum	97.00	14,060.15
10	11.2	Providing and making 12mm thick cement Plaster of mix:								
		In Cement Mortar 1:6 (1 cement : 6 fine sand)								
	11.2.4	Plaster "Walls"	2	130	1.35		351.0			
		Plaster "Base"	1	130	3.30		429.0			
							Total = 780.0	sqm	91.50	71,370.00
11	11.5	Neat Cement punning.								
		Neat Punning "Walls"	2	130	1.35		351.0			
		Neat Punning "Base"	1	130	3.30		728.0			
							Total = 1079.0	sqm	33.00	35,607.00
							ADD GST 18 % ON S. No.04			7,199.01
							TOTAL			14,55,525.11

*[Signature]*  
Sub Engineer  
Municipal Corporation,  
Raigarh(C.G.)

*[Signature]*  
Assistant Engineer  
Municipal Corporation,  
Raigarh(C.G.)

*[Signature]*  
Executive Engineer  
Municipal Corporation,  
Raigarh(C.G.)

Estt. No. 829 Date 20.03.20  
Technical Sanction For Construction  
of ..... in  
Ward No. .... is hereby Granted  
for Rs. 14.55 Lakh  
as per proposal received

*[Signature]*  
Executive Engineer  
Municipal Corporation  
Raigarh (C.G.)

By 14.55 Lakh

Sanctioned by the Engineer