

MUNICIPAL CORPORATION DURG

PROPOSED CONSTRUCTION OF NALA CHANNELIZATION FROM RANI DAIRY TO RAJAT APARTMENT AT WARD NO. 59 & STREET NO. 9 FROM DOCTOR TAMER'S HOUSE TO THE FORMER MAYOR'S HOUSE, DRAIN AT TOLL PLAZA TO DHAMDHA NAKA BRIDGE, DRAIN AT AAROGYAM HOSPITAL TO BADA NALA, NALA CHANNELIZATION FROM AMBEKAR AWASH TO SAKTI NAGAR BADA NALA AT WARD NO.18, DURG, (C.G.)

BILL OF QUANTITY

S.N.	CODE NO.	ITEM	QTY	UNIT
(As per Building SOR 01.01.2015, Road SoR 1.1.2015)				
1	1.1.1 (Building Sor 1.1.2015)	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.	9965.565	Cum.
2	1.18 (Building Sor 1.1.2015)	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	474.41	Cum.
3	3.1.3 (Building Sor 1.1.2015)	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.		
		1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size)	594.60	Cum.
4	3.2.1 (Buildig Sor 1.1.2015)	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.		
		1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	2957.35	Cum.
5	2.1 (Building Sor 1.1.2015)	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.	9173.76	Sqm.
6	3.12.1 (Building Sor 1.1.2015)	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:		
		Thermo-Mechanically treated bars FE 415	262584.80	KG
7	1.2 (Building Sor 1.1.2015)	Surface dressing of the ground including removing vegetation and making up undulations and inequalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).	3250.00	Sqm.
8	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.	3071.85	Cum.
9	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)	1170.00	Cum.
10	2.1.2	Wall of any thickness including attached pilasters, buttresses etc. in super structure		
		Wall	6240.00	Sqm.
11	1.26	Carriage by mechanical transport upto 5 km lead:		
		50% of Excavtion	2681.25	Cum.
		1.26.1 Earth		

12	3.9 Bridge SOR 2025	Providing weep holes in Brick masonry/ Plain/ Reinforced concrete abutment, wing wall/return wall with 100 mm dia. AC pipe, extending through the full width of the structure with slope of 1 V: 20 H towards drawing face. Complete as per drawing and Technical specifications section 2706 and 2200	780.00	mtr
13	3.3 Building sor w.e.f- 01-01- 2015	Providing and laying design mix reinforced cement concrete with crushed graded stone aggregate 20mm nominal size using batching plant, transit mixer and concrete pump, in all works upto plinth level excluding cost of form work.		
	3.3.2	M-25 Grade		
		For Raft		
		Wall		
		Slab		
		Top & Bottom Hunch		
		Parapet wall	424.34	Cum.
<div> <div>SUB ENGINEER</div> <div>ASSISTANT ENGINEER</div> <div>EXECUTIVE ENGINEER</div> </div>				
<div> <div>ARCHITECT AND ENGINEER</div> <div>RAJHANS CONSULTANTS AND TECHNOCRATS PVT .LTD</div> </div>				