

Detailed Estimate

Block panchayat deposit work- Vrindavanam road pipe line extension in
Kadakkavoor panchayat

(Dsr year: 2018)

Sl No	Description	No	L	B	D	CF	Quantity	Remark	
1 Working charges (Cost Index:35.59 %)									
1	15.2.1 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)								
		1	5.000	0.500	0.150		0.375		
		1	150.000	0.500	0.100		7.500		
		Total Quantity						7.875 cum	
		Total Deducted Quantity						0.000 cum	
		Net Total Quantity						7.875 cum	
		Say 7.875 cum @ Rs 2045.12 / cum						Rs 16105.32	
2	100.1.1 Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : All kinds of soil (Ref. Item No. 2.10.1 of DSR)								
		1	100.000	0.500	1.000		50.000		
		1	222.000	0.500	1.000		111.000		
		Total Quantity						161.000 cum	
		Total Deducted Quantity						0.000 cum	
		Net Total Quantity						161.000 cum	
		Say 161.000 cum @ Rs 555.51 / cum						Rs 89437.11	
3	100.8.1 Fencing one side of trenches, 1.50 m height with two rows of 10 cm plastic caution tape in vertical casuarina pole (girth 15cm to 24cm) fixed at 2 m intervals. (Data Prepared based on PWD SDB - Item No.1009)								

		1	240.000				240.000	
	Total Quantity						240.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						240.000 metre	
	Say 240.000 metre @ Rs 28.01 / metre						Rs 6722.40	
4	100.9.8 Laying UPVC pipes of class 2 to class 6 and specials, lowering to the trenches already made, placing in position aligning the pipe line to the lines and levels and jointing the pipes and specials with solvent cement and testing the pipe line with water to the required test pressure (excluding cost of pipes and specials). 90 mm nominal outer dia pipes."							
		1	100.000				100.000	
		1	222.000				222.000	
	Total Quantity						322.000 metre	
	Total Deducted Quantity						0.000 metre	
	Net Total Quantity						322.000 metre	
	Say 322.000 metre @ Rs 87.05 / metre						Rs 28030.10	
5	od145375/2020_2021 Interconnection work for connecting newly laid pipe to the existing line including cost of specials, charges for controlling valves, all labour charges for connection as per the direction of departmental officers.							
		2					2.000	
	Total Quantity						2.000 No	
	Total Deducted Quantity						0.000 No	
	Net Total Quantity						2.000 No	
	Say 2.000 No @ Rs 3099.42 / No						Rs 6198.84	
6	od145412/2020_2021 Providing and fixing gun metal gate valve with C I wheel of approved quality (heavy duty) 80 mm nominal bore with AC pipe casing and RCC cover slab including all materials and labour charges							
		2					2.000	
	Total Quantity						2.000 No	
	Total Deducted Quantity						0.000 No	
	Net Total Quantity						2.000 No	
	Say 2.000 No @ Rs 9076.26 / No						Rs 18152.52	
7	4.1.3 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 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm							

	nominal size)								
		1	5.000	0.500	0.150		0.375		
	Total Quantity							0.375 cum	
	Total Deducted Quantity							0.000 cum	
	Net Total Quantity							0.375 cum	
	Say 0.375 cum @ Rs 7990.86 / cum							Rs 2996.57	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
2Cost of pipes (Cost Index:35.59 %)									
1	100.98.213 Supply of uPVC Pipe, IS 4985: 2000 , 6kg/cm2, 90mm Dia.								
		1	322.000				322.000		
	Total Quantity							322.000 metre	
	Total Deducted Quantity							0.000 metre	
	Net Total Quantity							322.000 metre	
	Say 322.000 metre @ Rs 202.30 / metre							Rs 65140.60	
SI No	Description	No	L	B	D	CF	Quantity	Remark	
3Restoration charges for PWD (Cost Index:35.59 %)									
1	od146196/2020_2021 PWD road restoration charge for BM & Bc road surface.								
		1	1.000	1.000			1.000		
	Total Quantity							1.000 sqm	
	Total Deducted Quantity							0.000 sqm	
	Net Total Quantity							1.000 sqm	
	Say 1.000 sqm @ Rs 4069.51 / sqm							Rs 4069.51	
Total							236852.97		
Centage @							10.0%		
Centage Amount							23685.30		
Provision for GST payments (in %) @							12.0%		
Amount reserved for GST payments							28422.36		
Total & Centage							288960.63		
Lumpsum for round off							0.00		
GRAND TOTAL Rs							288960.63		
Rounded Grand Total Rs 2,88,961									
Rupees Two Lakh Eighty Eight Thousand Nine Hundred and Sixty One Only									