

S.R. ENTERPRISES

MMCSY-
NETACHOWK TO LAVTOLYA

Measurement Book

Schedule XLV-Form No. 134

R.W.D. KATHAR - DIVISION

SAMELI SUB-DIVISION
(NO-2053)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work! - Construction & maintenance of road from Neta chowk to Lavitaliya.					
under MMHSY (SC)					
Name of Agency! - S R Enterprises.					
Prop! - Ravi Shankar pd Verma					
Agreement No! - 51/SBD/2020-21					
Date of commencement! - 17-9-2020					
Date of completion! - Work in progress.					
Abstract of Cost					
Date of entry - 9.8.2021					

1.	Fix & fixing working benchmark/reference pillars.				
	Benchmark pillars! -				
	Qty vide TMBP - 1				
	i.e Qty = 2 Nos				
	@ 4021.65 each = 8043				
	Reference pillar! -				
	Qty vide TMBP - 1				
	i.e Qty = 5 Nos				
	@ 1842.84 each = 9214				
	C/O = 17257				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	"D.	
				B.F =	17257
2/2.	Clearing and grubbing road land				
	Qty vide TMB P-2				
	i.e. Qty = 1.03 Ha				
	@ 52970.33/Ha =				54559
3/3.	Const. of embankment with approved material obtained from borrow pits with a lead up to 100 m				
	Qty vide TMB P-2				
	i.e. Qty = 573.23 m ³				
	@ 143.2/m ³ =				82092
4/4.	Const. of embankment with approved material obtained from borrow pits with a lead up to 1000 m				
	Qty vide TMB P-2				
	i.e. Qty = 516.76 m ³				
	@ 190.36/m ³ =				98370
5/5.	Const. of subgrade and earthen shoulder with approved material lead up to 1000 m				
	Qty =				252278

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF =	252278
				Qty vide TMB P-3	
				2: c Qty =	1746.3 m ³
				@ 192.04 / m ³ =	335359
6/6.				const of GSB hr - I	
				by providing well	
				graded material	
				spreading in uniform	
				layers.	
				Qty vide TMB P-4	
				2: c Qty =	883.05 m ³
				@ 2588.98 / m ³ =	2286139
7/7.				P.V. laying, spreading	
				and compacting	

				stone aggregates	
				of specific sizes	
				of K.B.M hr - 3	
				Qty vide TMB P-6	
				2: c Qty =	403.61 m ³
				@ 3303.84 / m ³ =	1333463
8/10.				P.V. & fixing of typical	
				mmbsy-informatory	
				sign board with	
				logo.	
				Qty vide TMB P-22	
				2: c Qty =	2 Nos
				@ 9688.16 each =	19376
				Q/O =	4226675

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F2	4226675
9/21	E/W in excavation for foundation of structures.				
	Qty vide TMB P-3				
	2-c Qty = 30.25 m ³				
	@ 279.09 / m ³ =				8442
10/22	P/V MIS/PCC (12.5%) as levelling course in foundation				
	Qty vide TMB P-3				
	2-c Qty = 4.9 m ³				
	@ 5406.22 / m ³ =				26490

11/23	Plain/reinforced cement concrete				
	M20 in substructure				
	Qty vide TMB				
	B/F/P-4 2-c Qty = 17.767 m ³				
	B/F/P-5 2-c Qty = 15.74 m ³				
	Total Qty = 33.507 m ³				
	@ 6222.83 / m ³ =				208510
12/24	P/V & laying R.C.C				
	Pipe NP-3 @ 1000 mm				
	dia for culvert on first class bedding				
	Qty vide TMB P-5				
	2-c Qty = 7.5 m				
	@ 3827.41 / m =				28705

Continuation c/o = 4498822

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	4498822
13/16. G/W in excavation for foundation of structure up to 3.0m depth					
				Qty vide T.M.B. P-12	
				2:c Qty = 226.66 m ³	
				@ 279.09 / m ³	63259
14/27. P/V M15 grade concrete for plain/reinforced concrete in open foundation					

				Qty vide T.M.B. P-13	
				2:c Qty = 16.2 m ³	
				@ 5406.22 / m ³	87581
15/28. P/V concrete for pcc M20 in open foundation					
				Qty vide T.M.B.	
B/F/P-14 2:c Qty = 4.5 m ³					
B/P/P-14 2:c Qty = 63.34 m ³					
				Total Qty = 67.84 m ³	
				Limit Qty = 66.8 m ³	
				@ 6023.54 / m ³	402372
16/29. S/P/P HYSD bar reinforcement in foundation					
				c/o =	5052034

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F	5052034
		Qty vide	TMBP-14		
		2.e Qty =	0.2 MT		
		②	51645.3/MT =		10329
17/30		plain/reinforced			
		cement concrete M20			
		in substructure			
		Qty vide	TMBP-17		
		2.e Qty =	32.5 m ³		
		②	6222.89/m ³ =		202243
18/31		P/V wood holes in			
		brick masonry/stone			
		masonry plain/reinforced			

		concrete abutments			
		wing wall & return			
		wall.			
		Qty vide	TMBP-22		
		2.e Qty =	72 Nos		
		②	109.8 each =		7905
19/32		plain/reinforced cement			
		M25			
		concrete in substructure			
		Qty vide	TMB		
B/F/P-16		2.e Qty =	8.49 m ³		
B/F/P-17		2.e Qty =	14.11 m ³		
		Total Qty =	22.55 m ³		
		②	6850.33/m ³ =		154475
			c/o =		5426986

Continuation__

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.P.2	5426986
20/33.	S/P/P HYSD bar reinforcement in sub-structure				
	Qty vide TMBP-1				
B/P/P-15	2-c	Qty = 1751.96 kg			
B/P/P-16	2-c	Qty = 552.86 kg			
	Total Qty = 2304.82 kg				
	or 2.305 MT				
	51791.28 / MT = 119379				
21/24.	Back filling behind wing wall, and return wall.				

	Qty vide TMBP-21				
	2-c Qty = 65.96 m ³				
	752.08 / m ³ = 49607				
22/36.	ply & laying reinforced cement concrete M20 in superstructure				
	Qty vide TMBP-18				
	2-c Qty = 8.42 m ³				
	7422.56 / m ³ = 62646				
23/37.	S/P/P HYSD bar reinforcement in super-structures				
	Qty vide TMBP-18				
	2-c Qty = 0.74 MT				
	52921.21 / MT = 39161				

Continuation

d/o = 5697779

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.P.	5697779
24/38.	Parapet Construction				
	Plain/reinforced concrete				
	M20 concrete in substructure				
	Qty vide TMB P-21				
	i.e. Qty = 2.0 m ³				
	@ 6222.89/m ³ =				12446
25/40.	Drainage spout				
	complete as per				
	draw.				
	Qty vide TMB P-21				
	i.e. Qty = 8 Nos				
	@ 422.26 each =				3378

Total =				5713603
Add 12% GST + 1% L.C.S.S =				742768
				6456371
Add Sig. Sec. storage fee =				101020
				6557391
Less 10% b/c				
Less 0.1% below rate (6)				7213
Net Rs =				6550778
9.3.2021				
J.E				
9.3.2021				
A-E				

Continuation