

RAJ KUMAR JHA

Schedule XLV-Form No. 134

MB NO:- 2937

RAJ WORKS

DIVISION

RAJ WORKS AHARSA

SUB-DIVISION

SAURABAR

MEASUREMENT BOOK

MB NO:- 2937

Name of work—

Situation of work—

Agency by which work is executed—

Date of measurement—

No. and date of agreement.

(These four lines should be repeated at the commencement of the measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>1st on A/C</u>				
Name of Work:- Construction of road from Kanp Zami-niya Tola Pitch road to Uttar and Dakshin Tola Janewali Sadak Tak Under MMBSY(S)					
Name of Agency:- Sri Raj Kumar The Tagma Sahasr.					
Agreement No-21/SBD/MMBSY/2021-2022					

Agreement Value	₹ 51,27,864.00 Const
	₹ 6,23,462.00 Maint
	₹ 57,51,326.00

Date of start	03-03-2021
Date of Completion	02-12-2021
Agreement Rate	15.51% Below on BOD.

Measurement

1. Prov. & fixing of working - 51

(a) Bench mark - 1 Nos.

(b) Reference pillar - 3 Nos.

2. Cleaning and Grubbing - 51

$$2 \times 33 \times 25.00 \times 3.20 = 5772.00$$

$$2 \times 1 \times 15.00 \times 3.20 = 105.00$$

$$= 5880.00$$

$$= 0.588 \approx 0.59 \text{ Hec.}$$

Continuation

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Particulars	Details of actual measurement				Contents area
	No.	L.	B.	D.	
3. Constn. of embankment					
with materials — — — 61					
CH -	Distance (m)	Area (m ²)	Mean Area (m ²)	Volume (m ³)	
0	—	0.821	—	—	
50	50	0.959	0.890	44.50	
100	50	0.548	0.754	37.67	
150	50	1.086	0.817	40.85	
200	50	0.633	0.860	42.97	
250	50	0.842	0.738	36.87	
300	50	0.825	0.834	41.67	
350	50	1.128	0.977	48.82	
400	50	0.835	0.982	49.07	
450	50	0.652	0.744	37.17	
500	50	0.925	0.789	39.42	
550	50	0.526	0.726	36.27	
600	50	1.025	0.776	38.77	
650	50	0.652	0.839	41.92	
700	50	0.814	0.733	36.65	
740	40	0.536	0.675	27.00	
0	—	0.625	—	—	
50	50	0.983	0.804	40.20	
100	50	0.812	0.898	44.87	
				= 684.69 m ³	
				684.69 m ³	
4. Constn. of granular sub					
base with well graded — 61					
22 x 2	5.0 x	4.05 x	0.20	= 445.50 m ³	
				= 445.50 m ³	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5. E/Work in excavation for fdw - - - - -					
	2x2x	6.45x	1.40x	1.50x	54.18m ³
	2x1x	4.85x	1.53x	0.365x	5.42m ³
					= 59.60m ³
					= 59.60m ³
6. Pro. PCE mis in - - -					
	2x2x	6.45x	1.40x	0.150x	5.41
	2x1x	4.931x	1.53x	0.250x	3.77
					= 9.18m ³
					= 9.18m ³
7. Pro. Concrete plain/cement Concrete in sub str - - -					
	2x2x	6.150x	1.15x	0.25x	3.18 = 64.54
	2x2x	6.150x	0.40x	0.60x	5.90
					= 70.44m ³
Less for H. Pipe					
	2x2x	2/4L	1.23x	0.62x	2.95m ³
					= 67.49m ³
					= 67.49m ³
8. Pro. and laying R/C MPG Hume pipe - - - 1000mm ϕ - - - - -					
	For 2ms	2x7.50m			= 15.00m
9. Pro. & bring of typical - - -					
	2 Mos.				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract					
1. Provisioning of working					
(a) Bench mark -					
Vide item No 1(4) PM-1					
1 Nos @ ₹ 4337.23/each = ₹ 4337.					
(b) Reference pillar -					
Vide item No 1(5) PM-1					
3 Nos @ ₹ 1979.14/Each = ₹ 5937.20					
2. Clearing and grubbing					
of road - - -					
Vide item No 2 PM-1					
0.59 Hec @ ₹ 51133.76/Hec = ₹ 30169.20					
3. Constn of embankment					
with approach - - -					
Vide item No 3 PM-2					
684.69 m ³ @ ₹ 140.25/m ³ = ₹ 96028.00					
4. Constn of Sub-grade					
with earthen - - -					
Vide item No 4 PM-2					
308.00 m ³ @ ₹ 187.33/m ³ = ₹ 57698.00					
5. Constn of C.S.B with					
graded - - -					
Vide item No 4 PM-2					
445.50 m ³ @ ₹ 2813.63/m ³ = ₹ 125347.00					
6. Excavation					
Vide item No 5 PM-3					
59.60 m ³ @ ₹ 269.32/m ³ = ₹ 16051.00					

Continuation

₹ 146369.20

Continuation