

Parbhat K. Singh

MB No - 2960

Daxha Tetarha Pmisy
Schedule XIV-Form No. 134 to Shivan

R. W. D (w) Jamu
DIVISION

Barhat
SUB-DIVISION

Daxha Tetarha Pmisy to Shivan
Nagar

MEASUREMENT BOOK

MB No - 2960.

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work— Construction of Road from Darna-tetara to Shivnandan Nagar Road under MMGSX(S.C.) for year. 2021-2022.					
Agency— Prashad Kumar Singh, At Darna No-6 Bikaner, P.O + P.S + Dist. Jaisalmer.					
Agreement No- 32/SBA/MMGSX(S.C.) 2021-2022.					
Date of Commencement— 30/12/2021					
Date of Completion— 29/12/2022.					
Agreement Value— ₹ 68,97,091-00					
Rate quoted— 20% Below					
<u>Details</u>					
(1/1) P/L and fixing of cooking benchmark pillars 2-nos per km and G.Ns of reference pillars - do etc all complete					
Qty	1x1200M				1.20km
(2/2) Clearing and grubbing road land including uprooting wild vegetation do - etc all complete job.					
	1x1200.0x3.50				4200.0M
					= 4200/10000 = 0.42Ha
(3/3) P/L and fixing of typical survey information sign Board					

Continuation

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			<u>$B \times D = 15.739 m^2$</u>		
Less for pipes	$2 \times 0.7857 \times (0.83)^2 \times 0.53$				
			<u>$= 0.574 m^2$</u>		
	Net Qty = 15.165 m ²				

(8/35) PV and laying R.C.C pipe

approx for Culvert on 1st class

bedding of size 110 - duct

all complete job

$3 \times 2.50 M = 7.50 M$

Approx Qty Sheet: —

ST. No	Chadage	Area	Mean Area	Depth	Volume (m ³)
1	0	2.388	—	—	—
2	50	2.376	2.372	50.00	118.600
3	100	2.452	2.414	50.00	120.700
4	150	2.460	2.456	50.00	122.800
5	200	2.422	2.441	50.00	122.050
6	250	2.299	2.381	50.00	118.025
7	300	2.459	2.379	50.00	118.950
8	350	2.460	2.460	50.00	122.975
9	400	2.345	2.403	50.00	120.125
10	450	2.306	2.328	50.00	116.275
11	500	2.737	2.522	50.00	126.075
12	550	2.657	2.697	50.00	134.850
13	600	0.612	1.635	50.00	81.725
14	650	0.256	0.434	50.00	21.700
15	700	0.306	0.281	50.00	14.050
16	750	0.636	0.471	50.00	23.550

Continuation

	Particulars	Details of actual measurement				Contents of area
		No.	L.	B.	D.	
17	800	0.423	0.530	50.00	26.475	
18	850	0.312	0.368	50.00	18.375	
19	900	0.454	0.383	50.00	19.150	
20	950	0.447	0.451	50.00	22.528	
21	1000	0.672	0.560	50.00	27.975	
22	1050	2.669	1.671	50.00	83.528	
23	1100	2.832	2.787	50.00	137.528	
24	1150	2.780	2.791	50.00	139.550	
25	1200	2.721	2.736	50.00	136.778	

Total Qty = 2094.33 m³

Allocated = 2009.00 m³

Qty

18.05

19.15

19.15

9/6 Construction of Subgrade and Carriage Shoulder with approved materials binder

from borrow pits with lead

1000m - do etc all complete

Subgrade

1X 750.0 X 7.80 X 0.20 = 1755.00 m³

10/3 Construction of embankment with material obtained from

borrow pits with lead 1000m

- do etc - all complete

Total Qty of C/PW = 2009.00 m³

Subgrade = 1755.00 m³

Net Qty = 254.00 m³

11/7 Construction of granular

Subbase by providing well graded

material with good drainage

prepared surface - do

etc - all complete

Continuation

Continuation

Continuation

Abstract Cost of 1st 7 on A/c Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/1) P/V and fixing of stoping bank mark below 2000 per km and 6 Nos reference pillars - do. etc - all complete job Qty - V.T.M.B. Page No (1) Item No (1/1) = 1.20 km @ Rs 32153 = 92/km - Rs 38,585.20					
(2/2) Clearing and grubbing the road bank. do etc - all complete job Qty - V.T.M.B. Page No (2) Item No (2/2) = 0.42 Ha @ Rs 51137 = 238/Ha - Rs 21,478.14					
(3/31) P/V and fixing of typical M.M.B. sign informative sign board with logo etc etc all complete job Qty - V.T.M.B. Page No (2) Item No (3/31) = 2.00 @ Rs 9255 = 74/each - Rs 18,511.00					
(4/14) P/V and laying of on reinforced cement concrete pipe duct 300mm dia across the road - do etc all complete job. Qty - V.T.M.B. Page No (2) Item No (4/14) = 37.50 m @ Rs 1607 = 18/m - Rs 60,289.00					
(5/32) Excavation for foundation of structures up to 3.0m					

Continuation Rs 1,38,843.200

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. Rs	1,38,843.00
depth - do etc - all - 076					
Qty - V.T.M.B. Page No (2) Item					
No. (5/32) = 15.66/m ³					
@ Rs 294.73/m ³ —					Rs 4,616.20
(6/33) P.V. M20 P.C.C. as per drawing					
Course in foundation do					
etc - all complete job					
Qty - V.T.M.B. Page No (2) Item					
No (6/33) = 2.845m ³					
@ Rs 4960.65/m ³ —					Rs 14,113.20
(7/34) P.V. plain / reinforced concrete					
concrete M20 in structures					
do etc - all complete job					
Qty - V.T.M.B. Page No (3) Item					
No (7/34) = 15.165m ³					
@ Rs 5340.14/m ³ —					Rs 80,983.20
(8/35) 7/r and laying R.C.C. pipe					
NP3 600 mm dia - do etc					
all complete job					
Qty - V.T.M.B. Page No (3) Item					
No (8/35) = 7.50 m					
@ Rs 3432.883/m —					Rs 2,574.72
(9/6) Construction of Subgrade					
and earthen shoulder do					
etc - all complete job					
					Rs 2,64,302.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F.	Rd 2	64,302.00
Qty - V.T.M.B. Page No (4) Item					
No. (9/6) =		1755.8 m ³			
@ Rs 19 2.13/m ³				Rd	3,37,188.00
(10/3) Construction of formwork with approved material obtained from workshop do etc all complete job					
Qty - V.T.M.B. Page No (4) Item					
No (10/3) =		254.8 m ³			
@ Rs 148.89/m ³				Rd	37,878.00
(11/7) Construction of B.S.B by providing well graded material & gradings do etc all complete job					
Qty - V.T.M.B. Page No (5) Item					
No (11/7) =		773.54 m ³			
@ Rs 1880.28/m ³				Rd	14,54,928.00
(12/8) P/V laying and spreading and compacting of 10 cm concrete with stone aggregates specific size do etc all complete job					
Qty - V.T.M.B. Page No (6) Item					
No (12/8) =		332.56 m ³			
@ Rs 2431.03/m ³				Rd	8,08,463.00
				C.C.	29,02,699.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				87	Rs 29,02,699.200
Add G.S.T 12%				(+)	Rs 3,48,324.200
Add L & Cess 1%				(+)	Rs 29,027.200
					Rs 32,53,050.200
					Rs 32,80,050.200
Add signoranga				(+)	Rs 51,825.00
					Rs 33,31,875.200
Less 20% Belong as					
per Agreement				(-)	Rs 6,66,375.200
					Rs 26,65,500.200
Sumar	23	10	22		24/10/22
					P-E