

2nd

23

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of scheme - Construction of road from phary Kameetola to puna Valley under Ministry (S.D.)					
Name of Agency - Hanuman Const					
at - low kush Ghat, Bikaner Nagar west chaur					
Agst no - 33 SRO/2021-22					
Date of work - 6.7.21					

Measurement Details

①	Cost of embankment				
①/⑤	with aff material				
	Qty. as per earthwork				
	Interpolate sheet				
	$0.56 \times 8187.39 \text{ m}^2 = 4584.93 \text{ m}^2$				
①/⑤	Embankment with leaf				
	1000 m.				
	$0.30 \times 4584.93 \text{ m}^2 = 1375.48 \text{ m}^2$				
②/⑤	Cost of embankment with leaf				
	1000 m.				
	$0.70 \times 4584.93 \text{ m}^2 = 3209.45 \text{ m}^2$				

Continued

Signature
20/7/22
A.E.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② Cont of Subgrade					
⑤ & center shoulder					
	1x11	9.00	0.75		74.25 m
	1x16	7.34	0.75		87.60 m
	1x100	8.00	0.90		720.00
	1x20	7.50	0.90		135.00
	1x14	7.80	0.60		65.52 m
					<u>1082.37 m</u>

AE

③/⑦ Excavation for roads
in ordinary ground

2x (2.70x1.00x0.525x0.10)	2.10 m ³
2x (1x2.60x0.525x0.10)	2.58 m ³
2x (1x7.20x0.525x0.10)	7.35 m ³
2x (1x2.00x1.00x0.10)	4.00 m ³
2x (1x1.30x0.525x0.10)	1.36 m ³
2x (1x0.70x1.00x0.10)	1.40 m ³
2x (1x1.00x0.525x0.10)	10.50 m ³
2x (1x2.80x0.525x0.10)	2.94 m ³
2x (1x0.50x0.65x0.10)	0.65 m ³
	<u>38.08 m³</u>
	38.08 m ³

AE
20/11/22

Substantiated
4/5/22
AE

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ plr t laying 30000					
⑤ hip for irrigation					
6 x 3 m x 2.50 m =					45.00
⑤ Cont of GSB by					
⑥ plr well graded material					
with GSB					
GSB Grit in filter 13					
Base cult for 1000					
9th 8000 m ² (25 ft x 7)					55.08 m ³
Leakage at 1000					
4 m x 2.50 m x 1.20 m x 1.5					1.95 m ³
1 m x 7.20 m x 1.20 m x 1.0					0.87 m ³
2 m x 4.50 m x 0.90 m x 0.15					1.21
1 m x 11.20 m x 1.70 m x 0.10					1.90
8 m x 1.50 m x 1.00 m x 0.15					1.80
2 m x 5.40 m x 0.75 m x 0.20					1.62
6 m x 2.00 m x 0.90 m x 0.15					1.62
★					
3 m x 2.50 m x 1.00 m x 0.11					0.75
1 m x 8.40 m x 1.60 m x 0.15					2.01
1 m x 7.00 m x 2.50 m x 0.10					1.75
4 m x 1.75 m x 0.90 m x 0.15					0.94
★					
					71.50 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F. = 71.50 3/4
	2	2.00	1.20	0.10	0.72
	1	6.50	2.45	0.15	2.38
	4	2.00	1.25	0.10	1.08
	2	6.00	1.00	0.20	2.40
	1	12.00	2.15	0.20	25.50
	4	1.50	0.65	0.15	0.58
	1	2.50	1.20	0.20	2.80
	1	5.40	0.90	0.15	0.72
	8	1.80	0.75		
					0.15 = 1.08
	1	4.70	1.30	0.15	0.91
	9	7.25	1.00	0.15	2.12
					<u>92.02 3/4</u>
					<u>Ar</u>
overlay					
	1	7.00	5.75	0.10	4.02
	1	1.00	4.05	0.10	40.50
	1	28	4.05	0.10	11.34
	1	0.50	5.00	0.10	2.50
	1	11	16.00	0.20	6.50
					+ 4.00
					<u>4</u>
					X 0.20 = 19.52 3/4
					<u>169.90 3/4</u>

Continuation

Sundar
11/5/22
A.E

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/P =	165.903 ²
	1x	16x	4.05x	0.20 =	12.964 ²
	1x	08x	5.00x	0.10 =	4.00
	1x	13x	4.05x	0.10 =	5.26
837-1052	1x	100x	4.05x	0.20 =	275.00
212-2225	1x	60x	3.45x	0.20 =	45.00
	1x	95x	4.05x	0.20 =	76.95
	1x	25x	5.10x	0.20 =	25.50
band	1x	29x	3.75x	0.10 =	10.87
	1x	25x	5.10x	0.20 =	25.50
2245-2235					
	4x	100x	4.05x	0.10 =	162.00
	1x	70x	4.05x	0.10 =	28.35

1x 20x 5.50x 0.10 = 11.00

652.294²

Star

⑤/⑤ (Bmt of Subgrade
+ cutting shoulder
with off material)

2x (50x 100x 1.60x 0.20) = 320.00

2x (20x 100x 1.50x 0.20) = 120.00

2x (40x 100x 1.65x 0.20) = 264.00

2x (10x 30x 1.50x 0.20) = 18.00

722.00

Continuation

Sum
21572

[illegible]

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
①/① Cont of reference working based upon per spec. - - - Qty. vide Tmp. pr. ①④					
2.40 km @ 685123/m ²					164432m
②/② Cont of reference as under pr. ①④					
2.40 km @ 401322/m ²					96312m
③/③ Cleaning & grading land includes up Qty. vide Tmp. ①④					
0.96 km @ 53889.22/m ²					51724m
④/④ Cont of embankment offroad material with leaf 10mm. Qty. vide Tmp. pr. ④⑤					
1373.89m ² @ 196141/m ²					261231m
⑤/⑤ Cont of embankment offroad material with leaf 10mm Qty. vide Tmp. pr. ④⑤					
3205.76m ² @ 15390/m ²					493366m
⑥/⑥ Cont of Subgrade grit Qty. vide Tmp. pr.					
→ 8732395m ² (40)					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/P 2	8323952
⑥/⑤ Subgrade					
pn ① 2724.65 m ³					
② 1082.37					
③ 822.00					
④ 497.26					
⑤ 100.22					
		5226.50 m ³	191.82 m ³		10025472
⑦/⑥ Excavated for roads					
in m m m m m					
side TMB					
pn ① 78.75 m ³					
pn ② 55.08 m ³					
132.83 m ³					
Limit to					
87.00 m ³ @ 75.61 m ³ = 657820					
⑧/⑦ Layer small 50 m					
Layer on road sub grade					
qty. side TMB pn ③					
189.10 m ³					
Limit to					
187.50 m ³ @ 479.10 m ³ = 8983120					
⑨/⑧ Cont of Area w/ 60					
side TMB					
pn ① 1014.60 m ³					
② 60.25 m ³					
166.85 m ³					
Limit to					
1625.04 m ³ @ 4195.44 m ³ = 68597122					

Continuation

879106320
6/5

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					1646681020
(27)/(30) planting of trees & their maintenance					
Qty. vid TMB pr (40)					
214 m ² @ 855.50/m ²					183077
(28)/(31) Filling in excavations in f.g.					
Qty. vid TMA pr (18)					
228.13 m ² @ 283.94/m ²					647752
(29)/(32) Sand filling in f.g.					
Qty. vid TMA pr (15)					
1928 m ² @ 444.28/m ²					856620
(30)/(33) B/flat below m.f.s					
Qty. vid TMA pr (15)					
189.94 m ² @ 295.14/m ²					5605920
(31)/(34) p.v. pcc. M.S. - m of surface					
Qty. vid TMA pr (20)					
41.93 m ² @ 742.96/m ²					3116642
(32)/(35) B/Mason work in (m/1.4) in f.g. wall					
Qty. vid TMA pr (20)					
145.04 m ² @ 6047.68/m ²					8769142
(33)/(36) p.v. 4 layers in pcc. in Rec					
Qty. vid TMA pr (20)					
52.50 m ² @ 412372/m ²					2164952
					181843600

Continuation

C.C.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

[illegible]