

W/scheme: - Construction & 50 Maintenance of food village
More - to Kisan farm In Dhanuwa Block
under Ministry (Gen)

Schedule XLV Form No. 134.

W/cont :- Shree Nivas Sharanra
DIVISION

W/cont :- GJ 12311
SUB-DIVISION

W/cont :- 12/5130/2021-22

Measurement Book

1252

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Record Entry - 20/11/2022				
(1/4) Layout spreading & Compaction with Gr3					
do do Cap 604					
B.T. Part (50 - 530 M)					
	1 x 5.30 + 3.75 x 0.075				
	1 x 15.00 x 5.30 + 3.75 x 0.075 = 5.091 M				
	5 x 30.00 x 3.75 x 0.075 = 42.188 "				
	1 x 10.00 x 3.75 x 0.075 = 2.813 "				
Curve	1 x 15.00 x 3.75 + 5.70 x 0.075 = 5.316 "				
"	1 x 15.00 x 5.70 + 3.75 x 0.075 = 5.316 "				
	10 x 30.00 x 3.75 x 0.075 = 84.375 "				
	1 x 25.00 x 3.75 x 0.075 = 7.031 "				
	Total Q ₁ = 152.129 M ³				
(2/4) Construction of Earthen Shoulder					
	2 x 17 x 30.00 x 1.20 x 0.075 = 91.953 M ³				
	2 x 1 x 20.00 x 1.20 x 0.075 = 3.606 "				
	= 95.559 M ³				
(3/27) C/W in covered in front					
H.P. Face wall	2 x 2 x 6.30 x 1.40 x 1.50 = 26.46 M ³ = 52.91				
Pipe bed	2 x 1 x 5.90 x 1.50 x 0.30 = 2.66 " = 13.28				
	Total = 66.20				
(4/28) PCCM-15 in front of the					
	2 x 2 x 6.30 x 1.40 x 0.15 = 5.30 M ³				
(5/29) PCCM-20 in front of the					
	2 x 2 x 6.00 x 1.25 + 0.80 x 1.35 = 33.21 M ³				
below PCC	2 x 5.90 x 1.50 x 0.25 = 4.42				
	Total = 37.63 M ³				
(6/32) PCCM-20 in front of the					
H.Wall	2 x 2 x 6.00 x 0.80 + 0.40 x 1.80 = 25.92 M ³				
Footpath	2 x 2 x 6.00 x 0.40 x 0.60 = 5.76 "				
	= 31.68 M ³				
for Pipe	2 x 2 x 7/4 x 1.20 x 0.60 = 2.71				
(10/33) P/L & Lay P 1000 mm dia RCE					
Pipe N/B	Continuation				
	2 x 3 N/B x 2.50 M = 15.00 Meter				
	Total = 28.97 M ³				

20/11/22
J.E.

20/11/22
A.F.

~~MR No. 1752~~

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST.</u>					
① Setting out Reference Pillar & Working Bench Mark — do — do					
$\bar{L} = 0.900 \text{ km (V.P-6, He 1/1)}$					
② 11348 = 33/km — ₹					10213 = 00
② Clearing & grubbing road land — do					
$\bar{L} = 0.651 \text{ Hect (V.P-6, He 2 1/2)}$					
③ 53907 = 68/Hect — ₹					35094 = 00
③/5 Construction of Embankment with lead upto 1000 M do — do — do					
$\bar{L} = 334.87 \text{ M}^3 \text{ (P-6, He 3/5)}$					
④ 192 = 09/M ³ — ₹					64325 = 00
④/6 Const ⁿ of Embankment with lead 100 M. do — do					
$\bar{L} = 781.36 \text{ M}^3 \text{ (P-6, He 4/6)}$					
⑤ 154 = 68/M ³ — ₹					120861 = 00
⑤/7 Const ⁿ of sub grade and Earth shoulder do — do — do					
$\bar{L} = 1873.78 \text{ M}^3 \text{ (P-6, He 5/7)}$					
$\bar{L} = 95.559 \text{ M}^3 \text{ (P-10, He 2/7)}$					
$= 1969.339 \text{ M}^3$					
⑥ 190 = 07/M ³ — ₹					394312 = 00

624805 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6/8) Constn of G.S.B. Gr I					
do — do — — —				819	
Qty = 501.09 M ³ (P-7, Q _L 6/8)					
① 2510 = 17/M ³ — — —				₹ 1257821=	
(7/9) P/V Laying & Compac't					
W.R.M. Gr 3 — do — do					
Qty = 152.129 M ³ (P-10, Q _L 1/9)					
① 3265 = 67/M ³ — — —				₹ 496803=	
(8/20) P/V & Filling M.M.G.S.Y.					
Informatory Road work					
Logo — — — —					
Qty = 2000 (P-7, Q _L 8/20)					
① 9493 = 92 each — — —				₹ 18988=00	
(9/27) E/W in ex cov'd on					
in forecourt in str					
= 308.00 M ³ (P-7, Q _L 9/27)					
= 66.20 M ³ (P-10, Q _L 3/27)					
= 374.20 M ³					
① 310 = 84/M ³ — — —				₹ 116275=00	
(10/28) P/V PCC M-15 in ex cov'd					
do — do — — —					
= 5.30 M ³ (P-10, Q _L 10/28)					
① 5301 = 35/M ³ — — —				₹ 28097=00	
(11/29) P/V PCC M-20 in ex cov'd					
do — do — — —					
= 37.63 M ³ (P-10, Q _L 11/29)					
① 5768 = 58/M ³ — — —				₹ 217072=00	

Continuation ₹ 2759861=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12/30) P/V RCC M-20 in Sub du (Drawn) Cut du					
= 126.00 M ³ (P-7, 9/30)					
② 5768 = 58/M ³ — 5726841 = w					
(13/31) S/A & Plac. - PHYSD.					
bal du — — —					
= 5.039 MT. (P-7, 9/31)					
② 55390 = 99/MT — 5279115 = w					
(14/32) P/V RCC M-20 in Sub.					
S/A du — — — (HPC)					
= 28.97 M ³ (P-10, 9/32)					
Int to - 26.08 M ³ ② 5796 = 27/MT — 5156383 = w					
(15/33) Lay-P 1000 ϕ RCC Pao					
R/S — — —					
= 15.00 M (P-10, 9/33)					
② 3715 = 46/M — 55732 = w					
(16/34) Lay-P RCC p/ro 300 ϕ (Buried Conduits) -					
du — — —					
= 20.00 M (P-7, 9/34)					
② 735 = 96/M — 514719 = w					
				53992651 = w	
Add GST @ 12% — 5479118 = w					
Add L.S. @ 1% — 539927 = w					
				54511696 = w	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		P.O.F	2	4511	696 = a
<u>Attd. Superintendence</u>					
<u>1) Earth work</u>					
		Qty = 3085.569 m ³			
		@ 3 = 481 m ³		2	10738 = u
<u>2) GSB. Grt.</u>					
		Qty = 501.09 m ³			
		@ 55 = 58/m ³		2	2785 = u
<u>3) W.B.M. Grt.</u>					
		= 152.129 m ³			
		@ 71 = 73/m ³		2	10912 = u
<u>4) PCC M-15</u>					
		= 5.30 m ³	@ 52 = 03/m ³	2	276 = u
<u>5) PCC/RCC M-20</u>					
		= 189.71 m ³	@ 74 = 03/m ³	2	14044 = u
			2	63821 = u	(+) 63821 = u
			2	4575517 = u	

Less previous ledger - (-) 2901714 = u

Payable - 2 1673803 = u

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A.P.

Overall Material Estimate

(i) Earth Qty	- - - =	3085.57 m ³
(ii) Stone Mchd (GSB+Grt)	- - - =	633.40 m ³
(iii) Local Sand	- - - =	169.37 m ³
(iv) Stone screening	- - - =	36.51 m ³
(v) Stone Chits	- - - =	173.71 m ³
(vi) Coarse Sand	- - - =	86.85 m ³

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20/11/22
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Continuation

$$BF = 738.76 \text{ m}^2$$

	5 x 30-w	x	3.75 x 0-160	= 90.00 M ³
	1 x 20-w	x	3.75 x 0-160	= 12.00 "
			8 1/3 =	102.00 M ³
	Pf			
	30/11/22	JE		
			A.E.	
			Dance	

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	A/C	L/B.	
<u>ABSTRACT OF COST</u>				
1) Setting and reference Pillar & work in B.M. mark				
Qty = 0.900 KM (P-6, RL 1/1)				
@ 11348 = 33/km			₹	10213 = 00
2) Clearing & grubbing road land				
Qty 0.615 Hect (V.P-6, P/1/2)				
@ 53907 = 68/Hect			₹	35094 = 00
3) Construction of Embankment road 1000 M. road				
do do for 1/2				
= 334.85 M ³ (P-6, RL 3/5)				
@ 192 = 09/M ³			₹	64325 = 00
4) Construction of Gravel with road 100 M.				
do do for 1/2				
= 781.36 M ³ (P-6, RL 4/6)				
@ 154 = 68/M ³			₹	120861 = 00
5) Construction of Subgrade & shoulder				
Qty = 1873.73 M ³ (P-6, RL 5/7)				
" = 95.559 M ³ (P-10, RL 2/7)				
= 1969.33 M ³				
@ 199 = 07/M ³			₹	394312 = 00
6) Const of Gravel = 501.09 M ³ (P-7, RL 6/8)				
@ 2510 = 17/M ³			₹	1257821 = 00

Continuation

₹ 1882626 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7/9) P/V Lay out & Comp out WBM Gr 3- clc — do					
= 152.129 m^3 (P-7, 24 1/4)					
= 47.82 m^3 (P-16, 91-1/4)					
= 199.949 m^3					
(8) $3265 = 87/\text{m}^3$ — — $\approx 65,2967 =$					
(8/10) Apply Primer coat WTL (SL-1) — do — do					
Qty = 2027.89 m^2 (P-15, 94 1/10)					
Limit to = 2027.25 m^2					
(9) $41 = 76/\text{m}^2$ — — ≈ 84658.4					
(9/11) Apply Tack coat WTL (SL-1) — do — do					
Qty = 2027.89 m^2 (P-15, 94 2/11)					
Limit to = 2027.25 m^2					
(10) $14202/\text{m}^2$ — — $\approx 28422 =$					
(10/12) P/V Lay out & roll out 20 mm thick M. S. S. Type RS — do — do					
Qty = 2027.89 m^2 (P-16, 94 3/12)					
Limit to = 2027.25 m^2					
(11) $183 = 42/\text{m}^2$ — — $\approx 371838 =$					
(11/13) Constn of Unreinforced C.C. Road M-30 — do Curb — — — — 6/9					
= 102.00 m^3 (P-16, 94 9/13)					
(12) $6382 = 47/\text{m}^3$ — — $\approx 651012 =$					

3671523 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12/30) Fin + MM 43x 120x 120					
Board work 120x 120					
= 2 Nos (P-7, 9/30)					
① 9493=92 each — 2					18988=4
C.D. Work & Drain					
(12/31) C/W in excavation in'					
for structure for structure					
= 308.00 M ³ (P-7, 9/31)					
= 66.20 M ³ (P-10, 9/31)					
= 374.20 M ³					
② 310=73/M ³ — 2					116275=6
(14/38) P/R PCC M-15 (1:2:5) 1m'					
for 10' — — —					
Qty = 5.30 M ³ (P-10, 9/38)					
③ 530=35/M ³ — 2					28097=4
(15/29) P/R PCC M-20 1m for 10'					
do — do for 10'					
= 37.63 M ³ (P-10, 9/29)					
④ 5768=58/M ³ — 2					217072=4
(16/30) P/R PCC M-20 1m'					
for 10' — do — do					
= 126.00 M ³ (P-7, 9/30)					
⑤ 5768=58/M ³ — 2					726841=4
(17/31) S/F & P/R in 10' x 10' x 10'					
for 10' — do — do					
= 5.039 MT (P-7, 9/31)					
⑥ 55390=99/M ³ — 2					279115=4
5057911=4					

BF 2 5057911=0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18/32) P.V. P.C.C. M-20 1m					
Sub structure — do					
Curb — do — 219					
= 28.97 M ³ (P-10, 9/4 6/32)					
Ant = 26.08 M ³					
① 5996 = 27/M ³ — 2					156383=
(9/33) Lay. 1000 φ R.C.C.					
P.C.C. M-20 — do					
= 15.00 M (P-10, 9/4 10/33)					
① 3715 = 46/M — 2					65732=
(9/34) Lay. 300 φ R.C.C.					
Duct pipe — do					
= 20.00 M (P-7, 9/4 10/33)					
① 735 = 96/M — 2					14719=
					5284745=
Add L.S. @ 1% — 2					52847=
Add GST @ 12% — 2					634169=
Add Self cost (As below).					
(i) Earth work in Embankment					
= 3085.569 M ³ @ 35 = 107388=					
(ii) G.S.B. Gr. I					
= 501.09 M ³ @ 55 = 27851=					
(iii) W.B.M. Gr. 3					
= 199.949 M ³ @ 71 = 14342=					
(iv) P.C.C. M-15					
= 5.30 M ³ @ 52 = 276=					
(v) P.C.C. M-20					
= 189.71 M ³ @ 74 = 14044=					
(vi) M.S.S. Type B					
= 2027.25 M ² @ 1 = 2027=					
(vii) C.C.P. M-30					
= 102.00 M ³ @ 60 = 6120=					
					76259=

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				135.2	6048.020 =
less below 0.00%				0	0 = 0
					6048.020 = 0
less for voids Bayan					29,91,714 = 0
					31,46,306 = 0
<i>[Signature]</i> 30/11/2022 JE <i>[Signature]</i> 30/11/22 A.E. Sharma					

<u>Overall Material to be</u>					
(I) Earth - Qty	-	-	-	-	-
(II) Stone Melal (GSD + GSD)	-	-	-	-	691.26 m ³
(III) Local sand	-	-	-	-	169.37 m ³
(III) Stone Screening	-	-	-	-	48.01 m ³
(IV) Stone chips	-	-	-	-	320.25 m ³
(V) Coarse sand	-	-	-	-	132.75 m ³
<i>[Signature]</i> 30/11/2022 JE <i>[Signature]</i> 30/11/22 A.E. Sharma					
(VI) Bitumen (S-90)	-	-	-	-	4854.00 kg
(VII) Emulsion (SS-1)	-	-	-	-	1.80 MT
(VII) Emulsion (RS-1)	-	-	-	-	0.80 M.T.
<i>[Signature]</i> 30/11/22 JE <i>[Signature]</i> 30/11/22 A.E. Sharma					