

Babbar Hans

Bong

2119 - 3054

Measurement Book

Schedule XLV-Form No. 134

Duman Daulatpur Road to DIVISION

Chak Sultanpur under - 3054 SUB-DIVISION

AE1215 379mtr , fa thwa

7329

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.	
15th April 2019					
Name of Work:- Repair & five years					
main tenance of Road					
from Dumari Daulatpur					
Road to Chak Sultanpur					
under 3054 M R					
Package No. MR-N/19-20/Parting/06					
Agency - Baba Hans constructions					
PVT. LTD; Annapurna West					
margin Canal Road P.T.					

Agreement no - 09/MR/2019-2020
 Quoted rate - 0.10% below.
 Agreement value:-
 Date of work order - 02/12/2019
 Date of completion - 01/09/2020
 Date of measurement - 2/07/2021.

Work - as done

Item ① Clearing & grubbing
 road land do. rate

$2 \times 10 \times 30.00 \times 1.00 = 600.00 \text{ m}^2$

$2 \times 10 \times 30.00 \times 1.00 = 600.00 \text{ m}^2$

$2 \times 10 \times 30.00 \times 1.00 = 600.00 \text{ m}^2$

40 1800.00 m²

Continuation

P.T.O

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
Item ① extra (clearing & grubbing)				BF = 1800.00 m ²
$2 \times 10 \times 30.00 \times 1.00 =$				600.00 "
$2 \times 10 \times 30.00 \times 1.00 =$				600.00 "
$2 \times 10 \times 30.00 \times 1.00 =$				600.00 "
$2 \times 10 \times 30.00 \times 1.00 =$				600.00 "
$2 \times 10 \times 30.00 \times 1.00 =$				600.00 "
$2 \times 10 \times 30.00 \times 1.00 =$				600.00 "
				4800.00 m ²
$\therefore \text{Net} = \frac{4800.00 \text{ m}^2}{10000} =$				0.48 Hect

Item ② Scarifying the existing B.T. road surface				
do do do etc				
$9 \times 30.00 \times 3.75 =$				1012.50 m ²
$1 \times 20.00 \times 3.75 =$				75.00 "
				1087.50 m ²

Item ③ Construction of sub-grade & earthen shoulder do etc				
$2 \times 10 \times 30.00 \times 1.00 \times 0.30 (40) =$				180.00 m ³
$2 \times 10 \times 30.00 \times 1.00 \times 0.30 (40) =$				180.00 "
$2 \times 10 \times 30.00 \times 1.00 \times 0.30 (40) =$				180.00 "
$2 \times 10 \times 30.00 \times 1.00 \times 0.30 (40) =$				180.00 "
				720.00 m ³

Continuation

PTB

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				135	720.00 m
Item (3) 6m ² 5m ² 4m ² 3m ² 2m ² 1m ²					
2 x 10 x 30.00 x 1.00 x 0.30 (m)					180.00 "
2 x 10 x 30.00 x 1.00 x 0.30 (m)					180.00 "
2 x 10 x 30.00 x 1.00 x 0.30 (m)					180.00 "
2 x 10 x 30.00 x 1.00 x 0.30 (m)					180.00 "
					1440.00 m ³

Item (4) Constructing 1780

Gr-1 by Prod. Well

graded material - etc

Particulars
 5 x 6.43 x 1.01 x 0.175 = 5.68 m³
 4 x 5.07 x 1.88 x 0.175 = 6.58 "

9 x 3.53 x 1.70 x 0.175 = 9.452 "	
4 x 6.30 x 2.05 x 0.175 = 9.040 "	
10 x 5.99 x 0.89 x 0.175 = 9.329 "	
1 x 5.04 x 1.89 x 0.175 = 1.667 "	
5 x 5.33 x 0.71 x 0.175 = 3.311 "	
4 x 5.67 x 0.94 x 0.175 = 3.731 "	
1 x 4.68 x 1.13 x 0.175 = 0.925 "	
1 x 3.97 x 0.65 x 0.175 = 0.451 "	
7 x 1.03 x 1.31 x 0.175 = 2.984 "	
8 x 2.69 x 2.21 x 0.175 = 8.323 "	
2 x 5.69 x 1.59 x 0.175 = 3.166 "	
2 x 4.46 x 1.63 x 0.175 = 2.544 "	
3 x 1.26 x 2.25 x 0.175 = 3.969 "	
3 x 4.20 x 1.67 x 0.175 = 11.047 "	

C/D 81.501 m³

Continuation

PTD

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				DF =	81.501 m ²
<u>Item (4) 20th (95th)</u>					
	6	5.40	2.15	0.175	3.685 "
	7	4.75	2.15	0.175	12.510 "
	6	4.40	2.20	0.175	10.164 "
	7	5.05	1.74	0.175	10.764 "
	10	4.75	1.93	0.175	14.354 "
	2	5.75	1.70	0.175	3.421 "
	1	2.75	1.74	0.175	0.685 "
	3	4.20	1.00	0.175	2.925 "
	6	5.41	0.90	0.175	5.112 "
	4	3.05	1.20	0.175	2.562 "
	2	4.05	1.45	0.175	2.055 "
	5	3.15	1.55	0.175	4.272 "
	4	6.54	2.12	0.175	9.705 "
	3	4.55	1.24	0.175	2.962 "
	5	3.28	1.82	0.175	5.223 "
	6	3.75	1.00	0.175	3.937 "
	9	3.25	1.81	0.175	9.550 "
	5	4.73	1.35	0.175	5.646 "
					190.313 m ²
<u>Item (5) Road laying & spreading</u>					
of compacting stone aggregate					
as per spec for 80 mm to 150 mm Gr-II - do - etc					

Continuation

P.T.O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 nd 6' 0" 14' (1.00 x 1.00)					
1 x 6.32 x 1.78 x 0.075 =					0.61 m ³
1 x 6.33 x 1.02 x 0.075 =					0.48 "
4 x 1.08 x 1.84 x 0.075 =					0.43 "
3 x 6.13 x 1.84 x 0.075 =					1.85 "
5 x 4.18 x 1.41 x 0.075 =					2.21 "
4 x 1.68 x 1.98 x 0.075 =					1.00 "
9 x 3.43 x 1.97 x 0.075 =					4.56 "
9 x 5.00 x 1.93 x 0.075 =					6.51 "
7 x 3.64 x 1.31 x 0.075 =					2.50 "
7 x 4.99 x 1.71 x 0.075 =					4.48 "
9 x 4.16 x 1.67 x 0.075 =					4.69 "
4 x 0.81 x 2.31 x 0.075 =					0.56 "
10 x 4.1 x 1.91 x 0.075 =					5.87 "
8 x 6.46 x 1.23 x 0.075 =					4.77 "
4 x 3.44 x 1.61 x 0.075 =					1.67 "
4 x 5.05 x 1.21 x 0.075 =					1.83 "
1 x 5.04 x 1.89 x 0.075 =					0.71 "
8 x 2.69 x 2.21 x 0.075 =					3.57 "
7 x 3.55 x 1.70 x 0.075 =					1.90 "
7 x 1.68 x 1.15 x 0.075 =					1.01 "
2 x 5.69 x 1.59 x 0.075 =					1.36 "
2 x 4.88 x 2.25 x 0.075 =					1.65 "
7 x 1.03 x 1.81 x 0.075 =					0.98 "
5 x 5.33 x 0.71 x 0.075 =					1.42 "
7 x 3.74 x 2.07 x 0.075 =					4.06 "
					4060.08 m ³

Continuation

PTO

Sch. XIV Form No. 134				Contents of area
Particulars	No.	L.	B.	
				60.02 m
21.00 (2.00) (1.00) (1.00)				
	1	4.68	1.13	$\times 0.075 = 0.40$ "
	6	4.37	2.14	$\times 0.075 = 4.21$ "
	10	2.84	0.90	$\times 0.075 = 1.51$ "
	8	3.16	1.68	$\times 0.075 = 3.07$ "
	10	2.60	1.27	$\times 0.075 = 2.48$ "
	10	4.95	0.77	$\times 0.075 = 2.86$ "
	10	0.72	1.79	$\times 0.075 = 1.03$ "
	1	3.97	0.65	$\times 0.075 = 0.19$ "
	7	2.94	1.02	$\times 0.075 = 1.57$ "
	4	3.01	1.29	$\times 0.075 = 1.16$ "

	2	4.46	1.63	$\times 0.075 = 1.09$ "
	8	1.26	2.25	$\times 0.075 = 1.70$ "
	2	3.94	1.91	$\times 0.075 = 1.13$ "
	1	4.27	2.16	$\times 0.075 = 0.69$ "
Aug	3	5.56	0.60	$\times 0.075 = 0.75$ "
	3	0.99	1.50	$\times 0.075 = 0.33$ "
	1	1.57	1.17	$\times 0.075 = 0.14$ "
	2	5.73	1.52	$\times 0.075 = 1.31$ "
	9	0.73	1.74	$\times 0.075 = 0.86$ "
	1	3.06	1.56	$\times 0.075 = 0.36$ "
	3	6.49	0.81	$\times 0.075 = 1.18$ "
	5	6.43	1.01	$\times 0.075 = 2.44$ "
	4	5.67	0.94	$\times 0.075 = 1.60$ "
	4	5.07	1.88	$\times 0.075 = 2.86$ "

90 = 95.00 m3

Continuation

PTO

Particulars	No.	L.	B.	D.	Contents of area
					$0.6 = 95.00 m^3$
2 km (500 ft) (width 50 ft)					
1 x 1.77 x 1.66 x 0.075 =					0.25 "
9 x 1.05 x 1.02 x 0.075 =					0.72 "
7 x 2.72 x 0.66 x 0.075 =					0.94 "
9 x 3.53 x 1.70 x 0.075 =					4.05 "
4 x 1.69 x 0.63 x 0.075 =					0.32 "
7 x 1.31 x 1.20 x 0.075 =					0.83 "
2 x 3.76 x 1.38 x 0.075 =					0.78 "
5 x 3.02 x 1.44 x 0.075 =					1.63 "
4 x 6.30 x 2.05 x 0.075 =					3.87 "
7 x 3.73 x 0.74 x 0.075 =					1.45 "

3 x 4.14 x 0.90 x 0.075 =	0.83 "
6 x 5.38 x 0.60 x 0.075 =	1.45 "
10 x 5.99 x 0.89 x 0.075 =	4.60 "
2 x 1.94 x 2.23 x 0.075 =	0.41 "
2 x 3.27 x 1.01 x 0.075 =	0.50 "
10 x 1.51 x 1.13 x 0.075 =	1.28 "
1 x 6.01 x 1.57 x 0.075 =	0.71 "
4 x 2.94 x 1.09 x 0.075 =	0.96 "
2 x 5.31 x 1.35 x 0.075 =	1.08 "
7 x 4.73 x 2.12 x 0.075 =	5.96 "
2 x 3.94 x 1.38 x 0.075 =	0.82 "
6 x 4.19 x 0.79 x 0.075 =	0.49 "
8 x 3.26 x 1.79 x 0.075 =	3.50 "
1 x 2.90 x 0.94 x 0.075 =	0.21 "

Total Qty 132.34 m³

Continuation

PTD

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2km (2) Pav. laying, spreading					
2 Compacting stone aggregate					
- gutter 37mm for 26400					
to work for 10-10-etc.					
2 to 20000					
ment $\rightarrow 4 \times 4.01 \times 0.76 \times 0.075 =$					0.91 m ³
$7 \times 0.70 \times 0.51 \times 0.075 =$					0.19 m ³ ✓
$4 \times 0.76 \times 1.01 \times 0.075 =$					0.23 m ³
$8 \times 4.30 \times 1.32 \times 0.075 =$					3.47 m ³ ✓
Aug $7 \times 4.30 \times 2.12 \times 0.075 =$					4.79 m ³ ✓
$6 \times 0.95 \times 2.32 \times 0.075 =$					0.99 m ³
$4 \times 2.32 \times 1.19 \times 0.075 =$					0.83 m ³ ✓
$10 \times 3.03 \times 2.59 \times 0.075 =$					5.89 m ³
$4 \times 4.37 \times 2.65 \times 0.075 =$					3.47 m ³
$7 \times 1.48 \times 1.81 \times 0.075 =$					1.41 m ³ ✓
$10 \times 3.74 \times 1.39 \times 0.075 =$					3.90 m ³
$7 \times 0.96 \times 1.48 \times 0.075 =$					0.75 m ³ ✓
$8 \times 4.76 \times 2.17 \times 0.075 =$					6.20 m ³
$7 \times 3.42 \times 1.96 \times 0.075 =$					4.52 m ³ ✓
$8 \times 3.16 \times 1.91 \times 0.075 =$					3.62 m ³
$4 \times 0.76 \times 0.85 \times 0.075 =$					0.19 m ³
Aug $2 \times 3.8 \times 2.36 \times 0.075 =$					1.35 m ³ ✓
$7 \times 4.26 \times 2.56 \times 0.075 =$					7.36 m ³
$4 \times 3.44 \times 0.69 \times 0.075 =$					0.71 m ³ ✓
$7 \times 1.89 \times 1.81 \times 0.075 =$					1.80 m ³
$6 \times 1.8 \times 1.14 \times 0.075 =$					1.14 m ³ ✓
$2 \times 1.39 \times 2.11 \times 0.075 =$					0.44 m ³

40 = 54.16 m³ ✓

Continuation

PTD

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					13 Nos 26,5764 = 00
91m (10) center (500C)					
2.95.00 m ³ vide Tm 13 Page (13)					
el 3986 = 41 / m ³					13 20,91,942 = 00
(11) R.C.C.M. 15 grade km.					
(i) km. stone					
4.00 Nos. vide Tm 13 Page (13)					
el 2954 = 51 / each					9018 = 00
(ii) 200 M. stone					
10.00 Nos. vide Tm 13 Page (13)					
el 623 = 21 / each					6232 = 00
(12) Proc. & fixing of retro-					
reflectorised Con. to many,					
mandatory & Informing					
Sign - do - do - etc.					
(i) 600mm equilateral triangle					
16.00 Nos. vide Tm 13 Page (14)					
el 3472 = 12 / each					55554 = 00
(ii) 600 mm circular					
3.00 Nos. vide Tm 13 Page (14)					
el 4662 = 08 / each					13986 = 00
(iii) 600 x 450 mm rectangular					
4.00 Nos. vide Tm 13 Page (14)					
el 4540 = 27 / each					13161 = 00
					el 47,32,507 = 00

Continuation

P.T.D.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Rs 47,82,507/-
(13) Painting new letter and figures do-etc	17				
1408.00 sq ft. vide TMB page (14)					
at Rs 50/sq ft. —					70400/-
(14) Road marking with hot applied thermo-plastic compound do-etc	20				
480.10 m ² vide TMB page (15)					
at Rs 735 = 75/m ² —					Rs 3,53,160/-
(15) For affixing of fly-leaf & company information	19				

Sign board with logo					
--- do --- do --- etc					
2.00 Nos. vide TMB page (14)					
at Rs 11,910 = 64/cach —					Rs 23,820/-
					Rs 51,60,192/-
Add 1% L.Cess (+)					Rs 51,60,200/-
Add 12% GST (+)					Rs 6,19,223/-
					Rs 58,31,017/-
Less 0.10% below as per agreement (-)					Rs 58,31,000/-
					Rs 58,31,000/-
<i>[Signature]</i> 21/07/2021 J.E. <i>[Signature]</i> 02.07.21 A.E.					

मातृ संस्थान

Continuation

[Signature]