

11.11.59

Deokund UPhara Path to
Gobind. Bigda at the corner
8781
Schedule XLV-Form No. 134

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

636

21245 → Dharm Shila Jewi

1st and Final Bill

1

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 :- Deokund					
upha-ra Path to					
Gorind Buzha					
Name of Agency :- Dharam					
-Sila Devi Bhalauliya					
chechari abne Dist					
Aurangabad.					
Agreement No - SBD/rmqsy					
SC / 2020-2021					
Date of Commencement - 12/06/2020					
Date of Completion - 11/03/2021					
Date of Measurement - 10/09/2020					
work done details :-					
(1) Providing & Firing					
of working benchma-					
- of pillars etc do-do-					
all Comp. job.					
Qty / No.					
(2) cleaning and Grubb-					
- ing Road Land etc					
do-do-all Comp. job.					
$2 \times 3 \times 30 \times 3.50 = 630 m^2$					
$2 \times 1 \times 30 \times 3.50 = 210 m^2$					
$2 \times 2 \times 30 \times 3.50 = 420 m^2$					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	1	20	3.50	$= 140 \text{ m}^2$
					$= 1400 \text{ m}^2$
					$= 0.14 \text{ Hect.}$
(3) Box Cutting Exca-					
vation for roadway					
in Soil etc do-do					
all Comp. job.					
	2	4	30	0.375×0.100	$= 9.00 \text{ m}^3$
	2	1	30	0.375×0.100	$= 2.25 \text{ m}^3$
	2	1	20	0.375×0.100	$= 1.50 \text{ m}^3$
	2	1	30	0.375×0.100	$= 2.25 \text{ m}^3$
					15 m^3
(4) Construction of					
embankment with					
approved materials					
etc do-do all comp.					
60% Qty from Box					
Cutting					
$15 \times 60\% = 9 \text{ m}^3$					
(5) Construction of gr-					
anular sub-base by					
providing well gra-					
ded material etc do					
do all Comp. job.					
	2	4	30	0.375×0.100	$= 9 \text{ m}^3$
	2	1	30	0.375×0.100	$= 2.25 \text{ m}^3$
	2	1	20	0.375×0.100	$= 1.50 \text{ m}^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	1	30	0.375×0.100	$= 2.25 \text{ m}^3$
	1	30	3	0.100	$= 9 \text{ m}^3$
					24 m^3
($\frac{6}{9}$)	WBM Grading 3:-				
	Providing laying				
	spreading and co-				
	mpacting stone				
	aggregates etc do-				
	do - all Comp. job.				
	2	30	3.75	0.075	$= 16.87 \text{ m}^3$
	1	30	3.75	0.075	$= 8.43 \text{ m}^3$
	2	30	3.75	0.075	$= 16.87 \text{ m}^3$
	1	20	3.75	0.075	$= 5.62 \text{ m}^3$
	1	30	3.75	0.075	$= 8.43 \text{ m}^3$
					56.22 m^3
($\frac{7}{10}$)	Construction of un-				
	reinforced plain co-				
	- ment Concret. pav-				
	- ment etc do - do -				
	all Comp. job.				
	2	30	3.75	0.160	$= 36 \text{ m}^3$
	1	30	3.75	0.160	$= 18 \text{ m}^3$
	1	20	3.75	0.160	$= 12 \text{ m}^3$
	1	30	3.75	0.160	$= 18 \text{ m}^3$
	2	30	3.75	0.160	$= 36 \text{ m}^3$
					120 m^3
($\frac{8}{6}$)	Construction of sub-				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
grade and earth					
shoulders etc do-do					
all comp. job					
	2 x 3	30	0.375	0.075	= 5.06 m
	2 x 2	30	0.375	0.075	= 3.37 m
	2 x 2	30	0.375	0.100	= 4.50 m
	2 x 3	30	0.375	0.100	= 6.75 m
	2 x 2	30	0.375	0.160	= 7.20 m
	2 x 3	30	0.375	0.160	= 10.80 m
					37.68 m
For 100 m lead					
	30%	of	37.68 m ³		= 11.30 m ³

(7)	For 100 m lead				
	70%	of	37.68 m ³		= 26.38 m ³
($\frac{9}{5}$)	Construction of em.				
	- bankment with ap.				
	- gravel material etc				
	do-do-al comp. job.				
	E/w calculation as				
	per graph.				
CH in (m)	cls Area m ²	mean cls Area m ²	Length m	Quantity m ³	
0	2.815	-	-	-	
50	5.159	3.993	50	196.625	
100	4.140	4.645	50	232.250	
150	3.878	4.009	50	200.450	
200	4.397	4.138	50	206.875	

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
		Total	Elw =	836.200 m ²
Deduction				
Less G.S.B. vide TMBP.			c)	24.00 m
WBM G.S. vide TMBP.			c)	56.20 m
Pcc vide TMBP.			c)	120 m ³
Earth on shoulders vide TMBP.			c)	37.68 m
				598.30 m
(¹⁰ / ₁₂)	Providing and fixing			
	Logo of M.G. Project			
	etc do do all comp.			
	Qty 2 Nos.			
(¹¹ / ₁₂)	Kilometer stone			
	Reinforced Cement			
	Concrete m/s grade			
	Km stone etc do do			
	all comp. job.			
	Ordinary km stone			
	Qty 2 Nos.			
(¹² / ₁₄)	Providing and lay-			
	ing of a reinforced			
	Cement Concrete Pipe			
	etc do do all comp.			
	4 x 250 = 10 Rm			
(¹³ / ₁₄)	Boundary Pillar Rein-			
	forced Cement Concrete			
	m/s grade etc do			
	do do all comp. job.			

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Qty 8 Nos.				
(¹⁴ / ₁₆) Providing and laying of hot applied thermoplastic compound etc do-do all Comp. job.					
					$2 \times 8 \times 30 \times 0.100 = 18 m^2$
					$2 \times 2 \times 30 \times 0.100 = 12 m^2$
					$2 \times 1 \times 30 \times 0.100 = 6 m^2$
					$2 \times 1 \times 20 \times 0.100 = 4 m^2$
					40 m ²
(¹⁵ / ₁₅) Providing and fixing of retro-reflectorsed cautionary, mandatory and informing Sign etc do-do all Comp. job.					
(i) 600 mm equilateral & triangle					
	Qty 2 Nos.				
(ii) 600 mm Circular					
	Qty 1 No.				
(iii) 800 mm x 600 mm rectangular					
	Qty 1 No.				
(iv) 600 mm x 450 mm					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
rectangular					
Qty. No.					
(2) 900 mm Side					
octagon					
Qty. No.					
Survey					
10/09/2020					10/9/20
Jt					

Material statement

$$E/W = 635.93 \text{ m}^3$$

$$\text{Stone chips} = 131.04 \text{ m}^3$$

$$\text{Coarse Sand} = 59.76 \text{ m}^3$$

$$\text{Stone metal} = 68.03 \text{ m}^3$$

$$\text{Stone Screening} = 13.49 \text{ m}^3$$

Survey

10/09/2020

Survey

10/9/20

Mr.

Continuation

Vpe/eng. at site

Abstract of Cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Providing & Firing of working bench-marks pillars etc do do-all Comp. job.					
1 No (Vide TMBP-1)					
@ Rs 3861=53					Rs 3861=53
(2) Clearing and grubbing Road land etc do-do-all Comp. job.					
0.14 Hec (Vide TMBP-2)					
@ Rs 5133=76					Rs 7158=72
(3) Bor Cutting Excavation for road way in Soil etc do-do-all Comp. job.					
15 m ³ (Vide TMBP-2)					
@ Rs 74=16					Rs 1112=40
(4) Construction of embankment with approved materials etc do-do-all Comp. job.					
9 m ³ (Vide TMBP-2)					
@ Rs 26=11					Rs 234=99
(5) Construction of granular sub-base by providing well graded materials etc do-do-					
					Rs 12367=64

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
all Comp. Job.					
24 m ³ (Vide TMBP-3)					
@ Rs 2074 = 00					Rs 49776 = 00
($\frac{6}{9}$) WBM Grading 3E					
Providing laying					
Spreading and com-					
- pacting stone aggre-					
- gates etc do-do all					
Comp. Job.					
56.22 m ³ (Vide TMBP-3)					
@ Rs 2879 = 54					Rs 161887 = 74
($\frac{7}{10}$) Construction of un-					
- reinforced plain					
Concrete					
Reinforcement etc do-					
do-all Comp. Job.					
120 m ³ (Vide TMBP-3)					
@ Rs 5514 = 42					Rs 661730 = 40
($\frac{8}{6}$) Construction of Sub-					
grade and earthen					
shoulders etc do-do					
all Comp. Job.					
For 1000 m lead					
11.30 m ³ (Vide TMBP-4)					
@ Rs 176 = 58					Rs 1995 = 35
(7) For 100 m lead					
26.38 m ³ (Vide TMBP-4)					
@ Rs 141 = 17					Rs 3724 = 06
					Rs 891481 = 19

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
($\frac{9}{5}$) Construction of embankment with approved material etc do do all Comp. job.					
598.30 m ³ (Vide TMBP-5)					
@ Rs 174 = 94					Rs 104666 = 60
($\frac{10}{18}$) Providing and fixing logo of m.m.s.s. Proj - etc etc do do all Comp. job.					
2 Nos (Vide TMBP-5)					
@ Rs 914 =					Rs 18292 = 00
($\frac{11}{12}$) Kilometer Stone					
Reinforced Cement Concrete m ₁₅ grade etc do do all Comp.					
2 Nos (Vide TMBP-5)					
@ Rs 1912 = 02					Rs 3824 = 04
($\frac{12}{17}$) Providing and laying of a reinforced Cement Concrete etc do do all Comp. job.					
10.2 m (Vide TMBP-5)					
@ Rs 356 = 72					Rs 3567 = 00
($\frac{13}{14}$) Boundary pillars Reinforced Cement Concrete m ₁₅ grade					

B.F.D. 391481-19 Rs 102783 = 03

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
etc do do do all Comp.					
8 Nos (Vide TMBP-6)					
@ Rs 457 = 20					Rs 3657 = 60
($\frac{14}{16}$) Providing and laying of hot applied thermoplastic Comp.					
- and etc do do all					
Comp. sub.					
40 m ² (Vide TMBP-6)					
@ Rs 821 = 29					Rs 32851 = 60
($\frac{15}{15}$) Providing and fixing of retro-reflective cautionary material					
and Informal sign					
etc do do all Comp.					
(i) 600mm equilateral & triangle					
2 Nos (Vide TMBP-6)					
@ Rs 3628 = 34					Rs 7256 = 68
(ii) 600 mm Circular					
1 No (Vide TMBP-6)					
@ Rs 4900 = 26					Rs 4900 = 26
(iii) 800 mm x 600 mm rectangular					
1 No (Vide TMBP-6)					
@ Rs 6873 = 23					Rs 6873 = 23
(iv) 600 mm x 450 mm					

B.F.P. 1083370 = 40

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		rectangular			
1 No		(vide TMBP-#)			
		@ Rs 4770 = 06		Rs 4770 = 06	
(V)		900 mm Side			
		octagon.			
1 No		(vide TMBP-#)			
		@ Rs 8796 = 13		Rs 8796 = 13	
				Rs 1096936 = 59	
2 No		Say Rs 10,96,937 = 00			
		Add 12% GST		Rs 13,16,32 = 00	
		Labour Cess 1%		Rs 10969 = 00	
				Rs 1239538 = 00	
		Below 10%		Rs 123954 = 00	

Rs 11,15,584 = 00

Signature

10/09/2020

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Signature

10/9/20

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Continuation