

ममस्य

House of Chandraswar Shaw
To To1 Darwarg Tols
Shedule XLV Form No. 134.

अध्याय ३१३४-११ अध्याय ३१३४-११ DIVISION
७१३४-११८

अध्याय ३१३४-११ अध्याय ३१३४-११ SUB-DIVISION
७१३४-११८

Measurement Book 709

३१३४-११ → धानमय कृ सिंह.

Ist on A/c 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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - House					
of chandewar shew					
to To. (Darwa ka Tole)					
Name of Agency - Dhanraj					
Kumar Singh Vill -					
Bakon P. Phesar					
Dist - Aurangabad					
Agreement No - 6 SBD / 2021 - 2022					

Date of Commencement - 17/03/2021

Date of Completion - 16/03/2022

Date of measurement - 08/06/2021

Work done details

(1) Providing & Fixing
of Working Bench -
mark Pillars

Qty 1 No

Reference Pillars

Qty 4 Nos.

(2) Clearing and Gr-
ubbing Road Land

etc do-do all Comp.

$2 \times 6 \times 30 \times 3.50 = 1260 \text{ m}^2$

$2 \times 5 \times 30 \times 3.50 = 1050 \text{ m}^2$

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	3	30	3.50	$= 630 \text{ m}^2$
	2	5	30	3.50	$= 1050 \text{ m}^2$
	2	2	30	3.50	$= 420 \text{ m}^2$
	2	6	30	3.50	$= 1260 \text{ m}^2$
	2	5	30	3.50	$= 1050 \text{ m}^2$
	2	4	30	3.50	$= 840 \text{ m}^2$
	2	1	20	3.50	$= 140 \text{ m}^2$
					7700 m^2
					$= 0.77 \text{ Hec.}$

(3) Construction of embankment with approved material obtained from below

max pit etc do -

do - all comp. job.

E/w calculation as

per graph

CH (m)	Area (m ²)	mean Area (m ²)	length (m)	quantity (m ³)
0	0.521	-	-	-
50	0.780	0.651	50	32.525
100	1.000	0.890	50	44.500
150	0.500	0.750	50	37.500
200	0.600	0.551	50	27.550
250	0.787	0.695	50	34.725
300	0.563	0.675	50	33.750
350	1.031	0.797	50	39.850

Continuation

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Sch. XLV-Form No. 154					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH (m)	Area m ²	Area m ²	Length m		Quantity m ³
400	0.471	0.251	50		37.550
450	0.655	0.563	50		28.150
500	0.335	0.485	50		24.750
550	0.307	0.621	50		31.050
600	0.485	0.696	50		34.800
650	0.813	0.648	50		32.450
700	0.951	0.882	50		44.100
750	0.363	0.657	50		32.850
800	0.333	0.373	50		13.650
850	0.644	0.514	50		25.675
900	1.095	0.870	50		43.475
950	0.459	0.777	50		38.850
1000	0.645	0.552	50		27.600
1050	0.949	0.797	50		39.850
1100	0.565	0.757	50		37.850
				E/W =	748.05 m ³
For 100m lead					748.05 m ³
($\frac{4}{4}$)	Construction of Subgrade and earthen shoulders etc do-do-all Comp job.				
(36 x 30 x (6.82 + 7.72) x 0.300 = 2355.48 m ³)					
2					
(1 x 20 x (6.82 + 7.72) x 0.300 = 43.62 m ³)					
2					
upto 100m (30%) =				719.73 m ³	2399.10 m ³
upto 100m (70%) =				1679.37 m ³	
($\frac{5}{26}$)	Dismantling of				
Continuation					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
existing structure					
etc do do all Comp					
Cement Concrete					
	6	3.50	1.14	0.15	$= 3.59 \text{ m}^3$
	1	3.50	1.54	0.15	$= 0.80 \text{ m}^3$
					4.39 m^3
($\frac{6}{24}$) Dismantling of ex-					
-isting structure etc					
do do all Comp job.					
Cement mortar					
	6	2	4.20	0.825	$\times 2.50 = 103.95 \text{ m}^3$
	2	6.20	0.825	3	$= 30.69 \text{ m}^3$
					134.64 m^3
($\frac{7}{29}$) Removing all type					
of hurne pipe etc					
do do all Comp job.					
600mm dia					
	6	7.50			$= 45 \text{ Rm.}$
Above 600mm to 900mm					
	1	5			$= 5 \text{ Rm.}$
($\frac{8}{14}$) Providing and fix-					
-ing of typical mmsr					
informative sign board					
etc do do all Comp job					
Qty 2 No.					
($\frac{9}{33}$) Providing and lay-					
-ing of a reinforced					

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Particulars	Details of actual measurement				Co of area
	No.	L.	B.	D.	
Cement Concrete					
etc do-do-all Comp.					
$4 \times (4 \times 2.50) = 40 \text{ Rm.}$					
($\frac{10}{20}$) Earthwork in excavation etc do-do-all					
Comp. job.					
H.W. $7 \times 2 \times 6.45 \times 1.40 \times 1.50 = 189.63 \text{ m}^3$					
Below pipe $7 \times 4.85 \times 1.53 \times 0.365 = 18.96 \text{ m}^3$					
					208.59 m
($\frac{11}{21}$) Providing Concrete for plain reinforced etc do-do-all Comp.					
H.W. $7 \times 2 \times 6.45 \times 1.40 \times 0.150 = 18.96 \text{ m}^3$					
Below pipe $7 \times 4.93 \times 1.53 \times 0.250 = 13.20 \text{ m}^3$					
					32.16 m
($\frac{12}{24}$) Providing and laying RCC Pipe NP3 for Culverts etc do-do-all Comp. job.					
$7 \times 3 \times 2.50 = 52.50 \text{ R.m.}$					
($\frac{13}{22}$) Plain reinforced Cement Concrete etc do-do-all Comp. job.					
H.W. $7 \times 2 \times 6.15 \times 0.825 \times 3.18 = 225.88 \text{ m}^3$					
Parapet $7 \times 2 \times 6.15 \times 0.400 \times 0.600 = 20.66 \text{ m}^3$					
less for Pipe $7 \times 2 \times 0.7857 \times 1.230 \times 0.621 = 10.35 \text{ m}^3$					
Continuation					236.19 m

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) Construction of granular sub-base etc do do all Comp job					
					$5 \times 30 \times 4.05 \times 0.20 = 121.50 \text{ m}^3$
					$7 \times 30 \times 4.05 \times 0.20 = 170.10 \text{ m}^3$
					$3 \times 30 \times 4.05 \times 0.20 = 72.90 \text{ m}^3$
					$5 \times 30 \times 4.05 \times 0.20 = 121.50 \text{ m}^3$
					$2 \times 30 \times 4.05 \times 0.20 = 48.60 \text{ m}^3$
					$9 \times 30 \times 4.05 \times 0.20 = 218.70 \text{ m}^3$
					$5 \times 30 \times 4.05 \times 0.20 = 121.50 \text{ m}^3$
					$1 \times 20 \times 4.05 \times 0.20 = 16.20 \text{ m}^3$
					891 m ³
Extra widening on Curve					
					$\frac{0+8}{2} \times 22 \times 0.20 = 17.60 \text{ m}^3$
					908.60 m ³
(15) WBM Grading 3:- Providing laying Spreading and Comp. - packing stone etc do do all Comp job					
					$8 \times 30 \times 3.75 \times 0.075 = 67.50 \text{ m}^3$
					$5 \times 30 \times 3.75 \times 0.075 = 42.18 \text{ m}^3$
					$3 \times 30 \times 3.75 \times 0.075 = 25.31 \text{ m}^3$
					$7 \times 30 \times 3.75 \times 0.075 = 59.06 \text{ m}^3$
					$2 \times 30 \times 3.75 \times 0.075 = 16.87 \text{ m}^3$
					$5 \times 30 \times 3.75 \times 0.075 = 42.18 \text{ m}^3$

Continuation

Abstract of Cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Providing & Fixing of working Bench-mast pillow					
1 No (Vide TMBP-1)					
@ Rs 3512 = 38					Rs 3512 = 38
Reference Pillow					
4 No (Vide TMBP-1)					
@ Rs 1599 = 30					Rs 6397 = 28
(2) Clearing and Grubbing Road Land etc do-do-all Comp. job.					
0.774 Ha (Vide TMBP-2)					
@ Rs 52966 = 72					Rs 40784 = 37
(3) Construction of embankment with approved material etc do-do-all Comp. job.					
748.05 m ³ (Vide TMBP-3)					
@ Rs 142 = 26					Rs 106417 = 59
(4) Construction of Sub-grade and earthen Shoulder etc do-do-all Comp. job.					
upto 100 m					
719.73 m ³ (Vide TMBP-3)					
241.72 m ³ (Vide TMBP-4)					
961.45 m ³ @ Rs 189 = 56					Rs 182257 = 46
Continuation					Rs 3,39,364 = 08

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) upto 100m					
1679.37 m ³ (vide TMBP-3)					
564.00 m ³ (vide TMBP-7)					
2243.37 m ³ @ R. 154 = 29					R 346129 = 5
(5/26) Dismantling of existing structure etc					
do. do. all Comp. job.					
Cement concrete					
4.39 m ³ (vide TMBP-4)					
@ R. 496 = 96					R 2181 = 65
(6/27) Dismantling of existing structure etc					
do. do. all Comp. job.					
Cement mortar					
134.67 m ³ (vide TMBP-4)					
@ R. 235 = 20					R 31674 = 38
(7/28) Removing all type of house pipe etc					
do. do. all Comp. job.					
600 mm dia					
45 Rm (vide TMBP-4)					
@ R. 191 = 13					R 8150 = 85
Above 600 mm to 900 mm					
5 Rm (vide TMBP-4)					
@ R. 244 = 92					R 1224 = 60
(8/14) Providing and fixing					
Continuation					R 7,28,725 = 11

Sch. XIV Form No. 134 B.P.D. 1955-56-11

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
of 1/2" dia. reinforcement					
including bend etc. do.					
do. not Comp. job.					
5.11.11 (Vido. mtr. 5)					
	@ 11.4396 = 57				118492 = 19
(9/24) Providing and laying					
of a reinforced concrete					
etc. do. do. not Comp. job.					
40.00 m (Vido. mtr. 5)					
	@ 11.931 = 40				113926 = 10
(10/24) Earthwork in excavation					
Water etc. do. do. do.					
all Comp. job					
208.67 m ³ (Vido. mtr. 5)					
	@ 11.279 = 09				1158215 = 38
(11/24) Providing concrete					
for plain reinforced					
etc. do. do. all Comp.					
32.16 m ³ (Vido. mtr. 5)					
	@ 11.4252 = 67				11136765 = 86
(12/24) Providing and laying					
RCC pipe for culvert					
etc. do. do. all Comp.					
52.50 m (Vido. mtr. 5)					
	@ 11.4041 = 55				11212181 = 34
(13/24) Plain reinforced					
					11192948 = 90

Continuation