

4.1.15.1

Dusdha Saharssa Path
to Lockipar via Amant

Schedule XLV-Form No.-134 797

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

4945-1 Amal Kumar

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Dardha					
Sahsa Path to Lodi -					
- pur via Anant					
Agency - Anil Kumar ch -					
- anhyapuri Gaya					
Agreement No - 43 SBD / 2019 - 2020					
Date of Commencement - 14/12/2019					
Date of Completion - 13/12/2020					
Date of measurement -					
work done details					
3 x 2.50 m Box culvert 2 Nos					
($\frac{1}{40}$) Backfilling behind					
abutment, wing					
wall and return wall					
etc do-do all Comp.					
$2 \times 3.80 \times 5.20 \times 0.20 = 7.90 \text{ m}^3$					
$2 \times 3.80 \times 4.43 \times 2.33 = 78.44 \text{ m}^3$					
					86.34 m ³
less filter media $\rightarrow$					61.02 m ³
					25.32 m ³
($\frac{2}{41}$) Providing and laying					
filter media with					
granular Crushed etc					
do-do all Comp. Job					
$2 \times 2 \times 4.43 \times 0.60 \times 2.20 = 23.39 \text{ m}^3$					
$2 \times 4 \times 3.20 \times 0.60 \times 2.45 = 37.63 \text{ m}^3$					
Continuation					61.02 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
($\frac{3}{43}$) Supplying, fitting and placing HYSD bar reinforcement etc do-do all Comp.					
$\frac{2.11}{20/6/20}$					$2 \times 1 \times 29 \times 6.25 \times 0.89 = 322.62 \text{ kg}$
					$2 \times 42 \times 4.10 \times 1.58 = 544.15 \text{ kg}$
					$2 \times 28 \times 6.15 \times 0.62 = 213.52 \text{ kg}$
					$2 \times 20 \times 3.98 \times 0.62 = 98.70 \text{ kg}$
					$2 \times 2 \times 22 \times 1.5 \times 0.89 = 117.48 \text{ kg}$
<u>Sum</u> <u>20/6/20</u>					1296.47 kg
					= 1.29 m.T

($\frac{4}{42}$) Providing and laying reinforced Cement Concrete in Superstructure etc do-do-all Comp. job.					
Box culvert					
					$2 \times 3.80 \times 6.00 \times 0.30 = 13.68 \text{ m}^3$
Haunch					$2 \times 4 \times 6.00 \times 0.011 = 0.52 \text{ m}^3$
kerb					$2 \times 2 \times 3.80 \times 0.25 \times 0.30 = 1.14 \text{ m}^3$
					15.30 m ³

($\frac{5}{44}$) Parapet Construction plain reinforced Cement Concrete etc do-do-all Comp. job.					
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Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$2 \times 2 \times 11.40 \times 0.60 \times 0.40 = 10.94 \text{ m}^3$
($\frac{6}{16}$) Drainage spouts					
Complete etc do-do					
all Comp. job.					
					$2 \times 4 = 8 \text{ Nos}$
($\frac{7}{31}$) Providing and lay-					
ing of a reinforced					
Cement Concrete					
pipe duct 300mm					
dis etc do-do all					
Comp. job.					
					$10 \times (2.5 \times 4) = 40 \text{ m}$
Home Pipe Culvert					
1 x 1000mm dia 2 Nos					
($\frac{8}{26}$) Earthwork in exca-					
-vation for foundation					
etc do-do all Comp.					
H.W					$2 \times 2 \times 6.45 \times 1.40 \times 1.50 = 54.18 \text{ m}^3$
Below pipe					$2 \times 1 \times 4.950 \times 1.530 \times 0.365 = 5.41 \text{ m}^3$
					59.59 m^3
($\frac{9}{27}$) Providing Mix (Pcc					
1:2:5:5) as levelling					
Course in foundation					
etc do-do all Comp.					
H.W					$2 \times 2 \times 6.45 \times 1.40 \times 0.150 = 5.41 \text{ m}^3$
Below pipe					$2 \times 4.931 \times 1.530 \times 0.250 = 3.77 \text{ m}^3$
					9.18 m^3

Continuation

Continuation

Continuation

Abstract of Cost

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Providing & Fixing of working benchmark etc do-do-all Comp. job.					
Benchmark pillars					
2 Nos (vide TMBP-12)					
@ Rs 4249 = 14					Rs 8498 = 28
Reference Pillars					
6 Nos (vide TMBP-12)					
@ Rs 1928 = 41					Rs 11570 = 46
(2) Cleaning and Grubbing Road Level					
do-do-do-all Comp.					
1.17 Hec (vide TMBP-12)					
@ Rs 49739 = 47					Rs 58195 = 18
(3) Construction of embankment with approved material etc do-do-all Comp. job.					
(a) For 100 m Lead					
1401.30 m ³ (vide TMBP-12)					
@ Rs 132 = 56					Rs 185756 = 32
(b) For 1000 m Lead					
1137.28 m ³ (vide TMBP-12)					
@ Rs 187 = 23					Rs 2,12,932 = 93
(4) Construction of sub-grade and earthen					
Continuation					Rs 476953 = 17

Sch. XLV-Form No. 134 B.F Rs 476,953 = 17

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Shoulders etc do-do-					
all Comp. Job.					
2073.65 m ³ (vide TMBP-13)					
@ Rs 189 = 11					Rs 392,147 = 95
($\frac{5}{26}$) Earthwork in exca-					
- vation for found-					
- ation etc do-do-all					
Comp. Job.					
59.59 m ³ (vide TMBP-13)					
59.59 m ³ (vide TMBP-21)					
15.65 m ³ (vide TMBP-22)					
134.83 m ³ @ Rs 285 = 71					Rs 38,522 = 27
($\frac{6}{24}$) Providing m/s pcc					
1:2:5:5) as levelling					
Course in foundation					
etc do-do-all Comp.					
9.18 m ³ (vide TMBP-13)					
9.18 m ³ (vide TMBP-21)					
2.84 m ³ (vide TMBP-23)					
21.20 m ³ @ Rs 5118 = 87					Rs 1,09,520 = 04
($\frac{7}{29}$) Providing and layi-					
- ng Rcc Pipe 1 P3 for					
Culverts etc do-do-					
all Comp. Job.					
15 m (vide TMBP-13)					
15 m (vide TMBP-22)					
30 m @ Rs 4645 = 96					Rs 1,39,378 = 80
($\frac{8}{29(B)}$) Providing and laying					
Continuation					Rs 11,55,522 = 23

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Rcc Pipe 4P ₃ for Culverts					
etc do do all Comp.					
7.50 m (vide TMBP-23)					
@ Rs 1288=47					Rs 9663=52
($\frac{8}{28}$) Plain reinforced					
Cement Concrete					
in Substructure etc					
do-do-all Comp. Job.					
67.48 m ³ (vide TMBP-14)					
67.48 m ³ (vide TMBP-22)					
15.16 m ³ (vide TMBP-23)					
150.12 m ³ @ Rs 6025=05					Rs 904480=50
($\frac{9}{23}$) Dismantling of ex-					
-isting structure like					
Culverts etc do-do-					
all Comp. Job.					
Cement Concrete					
2.20 m ³ (vide TMBP-14)					
@ Rs 474=67					Rs 1044=27
($\frac{10}{24}$) Dismantling of exis-					
-ting structure like					
Culverts etc do-do-					
all Comp. Job.					
78.70 m ³ (vide TMBP-14)					
@ Rs 228=40					Rs 17975=08
($\frac{11}{25}$) Removing all type					
Continuation					Rs 20,88,685=60

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
of human pipe culvert etc do-do-all Comp.					
7.50 Rm (vide TMBP-14)					
@ Rs 169 = 97					Rs 1274 = 77
Above 600 mm to 900 mm					
10 Rm (vide TMBP-14)					
@ Rs 229 = 83					Rs 2298 = 30
($\frac{12}{32}$) Earthwork in excavation for foundation etc do-do-all Comp. job.					
306.60 m ³ (vide TMBP-15)					
@ Rs 285 = 71					Rs 87598 = 68
($\frac{13}{32}$) Providing Concrete for plain reinforced Concrete etc do-do-all Comp. job.					
22.42 m ³ (vide TMBP-15)					
@ Rs 519 = 87					Rs 114765 = 06
($\frac{14}{32}$) Supplying fitting and placing HYSD bar etc do-do-all Comp. job.					
0.47 m ³ (vide TMBP-15)					
@ Rs 76707 = 14					Rs 36052 = 35
($\frac{15}{34}$) Providing Concrete					
Continuation					Rs 23,30,674 = 76

Sch. XLV-Form No. 134 B.F.R. 23,30,674 = 76

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
for plain reinforced Concrete etc do-do- all Comp. job.					
99.56 m ³ (vide TMBP-15)					
@ Rs 5783 = 34					Rs 575792 = 3
($\frac{16}{39}$) Supplying fitting and placing HYSD bars etc do-do-all Comp. job.					
3.64 m ³ (vide TMBP-16)					
@ Rs 71851 = 70					Rs 249758 = 39
($\frac{17}{38}$) plain reinforced Cement Concrete etc do-do-all Comp. job.					
37.68 m ³ (vide TMBP-16)					
@ Rs 6797 = 11					Rs 256115 = 10
($\frac{18}{37}$) Providing weepholes in stone masonry plain reinforced etc do-do-all Comp. job.					
90 nos (vide TMBP-16)					
@ Rs 131 = 17					Rs 11805 = 30
($\frac{19}{40}$) Backfilling behind abutment wing wall etc do-do-all Comp. job.					

Continuation

Rs 3454145 = 86

Sch. XLV-Form No. 134 B.F.Rs 3454145=86

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
86.34 m ³ (vide TMBP-16)					
25.32 m ³ (vide TMBP-19)					
111.66 m ³					
Limit 111.18 m ³	@ Rs 742 = 14				Rs 82511 = 12
($\frac{20}{3}$) Box Cutting: Excavation for roadway in Soil using manual etc do-do-all Comp. job.					
43.65 m ³ (vide TMBP-16)					
@ Rs 82 = 01					Rs 3579 = 7
($\frac{21}{8}$) Construction of granular Sub-base by providing well graded material etc do-do-all Comp. job.					
936.35 m ³ (vide TMBP-17)					
@ Rs 2078 = 97					Rs 19,41,961 = 8
($\frac{22}{41}$) Providing and laying filter media with granular etc do-do-all Comp. job.					
61.02 m ³ (vide TMBP-19)					
@ Rs 2610 = 94					Rs 159319 = 55
($\frac{23}{12}$) Supplying fitting and placing Hysd					
Continuation					Rs 5641518 = 06

Sch. XLV-Form No. 134 B.F.Rs 56,415.18=06

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
bar reinforcement					
etc do-do-all Comp.					
1.29 m ³ (vide TMBP-20)					
@ Rs 77979=49					Rs 100593=5
($\frac{24}{42}$) Providing and lay-					
- ing reinforced Ce-					
- ment Concrete etc					
do-do-all Comp. job.					
15.30 m ³ (vide TMBP-20)					
@ Rs 7506.00					Rs 114841=80
($\frac{25}{44}$) Parapet construction					
plain reinforced					

Cement Concrete					
etc do-do-all Comp.					
10.94 m ³ (vide TMBP-21)					
@ Rs 6025=05					Rs 65914=04
($\frac{26}{46}$) Drainage spouts Co-					
- mplete etc do-do-all					
Comp. job.					
8 NW (vide TMBP-21)					
@ Rs 468=21					Rs 3745=68
($\frac{27}{31}$) Providing and lay-					
- ing of a reinforced					
Cement Concrete					
Pipe duct 300mm					
dis etc do-do-all					
Continuation					Rs 59,26.613=12

Material statement

stone chips = 109.81 m^3

Coarse Sand	=	54.41 m ³
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Reinforcement = 1.29 m.T

James
04/07/2020
J.E.

Q. 1/2/2

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