

RRSMP

(Sc)

Shedule XLV Form No. 134.

Name of Road- manihway nathat rd road to
raghunath pur milki

DIVISION

Baijnath Nirmaan India Pvt. Ltd.

SUB-DIVISION

ग्रेडकीट

Measurement Book

M.B.No —

1524



1st 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.	
N/O :- Mangkewy Nohat RD					
Road TO Rohnath pur					
Miki.					
Agency :- Baingath Nirmann India					
Pvt. L.F.D.					
Agg. No. :- 03/Mmsury (RRMP).					
D/Agg :- 24/06/2025.					
A/D of Completion :-					

Record Measurement.

① Clearing and grubbing Road land including uprooting wild vegetation, grass, bushes, shrubs, sapling and trace of path - do					
$2 \times 5 \times 10.00 \times 1.00 = 100.00 m^2$					
$2 \times 2 \times 25.00 \times 1.00 = 100.00 m^2$					
$2 \times 4 \times 20.00 \times 1.00 = 160.00 m^2$					
$2 \times 5 \times 30.00 \times 1.00 = 300.00 m^2$					
$2 \times 10 \times 20.00 \times 1.00 = 400.00 m^2$					
$2 \times 7 \times 10.00 \times 1.00 = 140.00 m^2$					
Total = 1020.00 m ²					

Continuation
 i.e. = $\frac{10200}{10000} \text{ ha} = 0.12 \text{ ha}$

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
② Providing and fixing logo of MMUSU Project of typical MMUSU infirmary to sign board with logo as per ————	—	—	—	—	—
∴ 01 No ————	—	—	—	—	—

For 1000 dia HP Culvert.

③ Earthwork in excavation for foundation of storm culvert 3.00 m depth					
H.W.					
$2 \times 6.450 \times 1.400 \times 1.500 = 27.09 \text{ m}^3$					

Below pipe					
$1 \times 4.850 \times 1.530 \times 0.365 = 2.708 \text{ m}^3$					
Total = 29.80 m ³					

④ Providing M15 as levelling course in foundation in PCC					
H.W.					

$$2 \times 6.450 \times 1.400 \times 0.150 = 2.709 \text{ m}^3$$

Below pipe					
$1 \times 4.931 \times 1.530 \times 0.250 = 1.886 \text{ m}^3$					
Total = 4.595 m ³					

⑤ Providing and laying RCC pipe NP-3.					
---------------------------------------	--	--	--	--	--

$$3 \times 2.5 \text{ m} \times 2.5 \text{ m}$$

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	

⑥ Plain cement concrete
in substructure completed
as per drawing

H.W.

$$2 \times 6.150 \times 0.825 \times 3.80 = 32.269 \text{ m}^3$$

Parapet.

$$2 \times 6.150 \times 0.400 \times 0.600 = 2.952 \text{ m}^3$$

Less for pipe

$$2 \times 0.7857 \times (1.23)^2 \times 0.622 = 1.478 \text{ m}^3$$

$$\text{Total} = 33.74 \text{ m}^3$$

⑦ Providing and laying of a
reinforced cement concrete

pipe sheet 300 mm dia, across
the road

$$2 \times 3 \times 2.5 = 15 \text{ km}$$

⑧ Excavation for roadway
in soil using manual means
for carrying of cut earth
to embankment site with
a lift upto 1.5 m and less.
(Box Cutting)

$$2 \times 2 \times 20 \times 0.375 \times 0.75 = 5.25 \text{ m}^3$$

$$2 \times 5 \times 10 \times 0.375 \times 0.75 = 6.56 \text{ m}^3$$

$$2 \times 3 \times 25.00 \times 0.375 \times 0.75 = 2.84 \text{ m}^3$$

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
$2 \times 10 \times 10.00 \times 0.375 \times 0.175 = 13.12 \text{ m}^3$					
$2 \times 5 \times 15.00 \times 0.375 \times 0.175 = 9.84 \text{ m}^3$					
$2 \times 2 \times 30.00 \times 0.375 \times 0.175 = 7.87 \text{ m}^3$					
$2 \times 4 \times 10.00 \times 0.375 \times 0.175 = 5.25 \text{ m}^3$					
$2 \times 4 \times 25.00 \times 0.375 \times 0.175 = 13.12 \text{ m}^3$					
$2 \times 3 \times 20.00 \times 0.375 \times 0.175 = 7.87 \text{ m}^3$					
Total = 78.72 m ³					

⑨ Const. of granular sub-base
by providing well graded
material, spreading in uniform
layers with motor grader

on prepared surface mixing by mix in place method — do —					
$2 \times 2 \times 20.00 \times 0.375 \times 0.100 = 3.00 \text{ m}^3$					
$2 \times 5 \times 10.00 \times 0.375 \times 0.100 = 3.75 \text{ m}^3$					
$2 \times 3 \times 25.00 \times 0.375 \times 0.100 = 5.62 \text{ m}^3$					
$2 \times 10 \times 10.00 \times 0.375 \times 0.100 = 7.5 \text{ m}^3$					
$2 \times 5 \times 15.00 \times 0.375 \times 0.100 = 5.62 \text{ m}^3$					
$2 \times 2 \times 30.00 \times 0.375 \times 0.100 = 4.5 \text{ m}^3$					
$2 \times 4 \times 10.00 \times 0.375 \times 0.100 = 3.00 \text{ m}^3$					
$2 \times 4 \times 25.00 \times 0.375 \times 0.100 = 7.5 \text{ m}^3$					
$2 \times 3 \times 20.00 \times 0.375 \times 0.100 = 4.5 \text{ m}^3$					
Total = 44.99 m ³					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
⑩ Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including procuring the material with recd. at OMC in mechanical primer course.					
	2x2x20.00	0.375	0.075		$\approx 2.25 \text{ m}^3$
	2x5x10.00	0.375	0.075		$\approx 2.81 \text{ m}^3$
	2x3x25.00	0.375	0.075		$\approx 4.21 \text{ m}^3$
	2x10x10.00	0.375	0.075		$\approx 5.62 \text{ m}^3$
	2x5x15.00	0.375	0.075		$\approx 4.21 \text{ m}^3$
	2x2x30.00	0.375	0.075		$\approx 3.37 \text{ m}^3$
	2x4x10.00	0.375	0.100		$\approx 2.25 \text{ m}^3$
	2x4x25.00	0.375	0.100		$\approx 5.62 \text{ m}^3$
	2x3x20.00	0.375	0.100		$\approx 3.37 \text{ m}^3$
	Total				$\approx 33.71 \text{ m}^3$
⑪ Construction of un-reinforced plain cement concrete over a prepared sub-base with 43 graded cement @ 100 kg Per Cum concrete and fill agg.					
(A) for Profile and Pot repair.					
	3x2.9x2.4	0.100			$\approx 2.08 \text{ m}^3$
	3x3.6x2.6	0.100			$\approx 2.84 \text{ m}^3$
	5x3.4x2.9	0.100			$\approx 4.98 \text{ m}^3$

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
$4 \times 7.5 \times 1.5 \times 0.100$					$= 4.5 \text{ m}^3$
$6 \times 10.25 \times 1.90 \times 0.100$					$= 11.68 \text{ m}^3$
$2 \times 8 \times 1.5 \times 0.100$					$= 0.90 \text{ m}^3$
					<u>Total = 26.98 m³</u>

(B) For POC :-

$2 \times 20.00 \times 3.75 \times 0.100$					$= 15.00 \text{ m}^3$
$1 \times 30.00 \times 3.75 \times 0.100$					$= 11.25 \text{ m}^3$
$4 \times 15.00 \times 3.75 \times 0.100$					$= 22.5 \text{ m}^3$ $= 16.875 \text{ m}^3$
$2 \times 20.00 \times 3.75 \times 0.100$					$= 15.00 \text{ m}^3$
$5 \times 10.00 \times 3.75 \times 0.100$					$= 18.75 \text{ m}^3$
$3 \times 25.00 \times 3.75 \times 0.100$					$= 28.12 \text{ m}^3$
$3 \times 15.00 \times 3.75 \times 0.100$					$= 16.875 \text{ m}^3$

$6 \times 10.00 \times 3.75 \times 0.100$					$= 22.5 \text{ m}^3$
$1 \times 20.00 \times 3.75 \times 0.100$					$= 7.5 \text{ m}^3$
$5 \times 10.00 \times 3.75 \times 0.100$					$= 18.75 \text{ m}^3$
$2 \times 30.00 \times 3.75 \times 0.100$					$= 22.5 \text{ m}^3$
$1 \times 30.00 \times 3.75 \times 0.100$					$= 11.25 \text{ m}^3$
$1 \times 30.00 \times 3.30 \times 0.100$					$= 9.9 \text{ m}^3$
$1 \times 10.00 \times \left(\frac{6.00 + 5.50 + 3.75}{3} \right) \times 0.100$					$= 5.08 \text{ m}^3$
					<u>Total = 224.92 m³</u>

Total (A+B) $\Rightarrow 26.98 + 224.92 \text{ m}^3$

$\Rightarrow 251.90 \text{ m}^3$

dam.
28/11/24
J.E

Sch.XLV-Form No. 134

Sch.XLV-Form NO. 134					Contents of area
Particulars	Details of actual measure				
	No.	L.	B.	D.	
<u>Abstract of Cost.</u>					
① Clearing and grubbing 0.12 ha (TMBP - 01)					
① 73248.25/ha = Rs. 8790.00/-					
② P/B of logs of MMHsy 01 No. (TMBP - 02)					
① 10520.14/No = Rs. 10520.00/-					
③ Earth work in excavation 29.80 m ³ (TMBP - 02)					
① 386.53/m ³ = Rs 11519.00/-					
④ Boulding M15 as levelling 4.995 m ³ (TMBP - 02)					
① 5205.55/m ³ = Rs 23920.00/-					
⑤ Boulding RCC pipe NP-3 7.5 m (TMBP - 02)					
① 7145.08/m = Rs. 53588.00/-					
⑥ RCC in sub-structure 33.74 m ³ (TMBP - 03)					
① 5973.20/m ³ = Rs 201738.00/-					
⑦ Boulding and firing 300 mm dia 15 km (TMBP - 03)					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
① 962.98 / Rm					Rs 14519.00/-
② Box cutting					do
78.42 m ³					(TMBP - 04)
③ 95.94 / m ³					Rs. 7555.00/-
④ Const. of hdb					do
44.99 m ³					(TMBP - 04)
⑤ 2039.75 / m ³					Rs. 91768.00/-
⑥ P/L of WMM					do
33.71 m ³					(TMBP - 05)
⑦ 2564.85 / m ³					Rs. 86461.00/-
⑧ Const. of Un-reinocer					do
251.90 m ³					(TMBP - 06)
⑨ 5455.72 / m ³					Rs 1374296.00/-
Total					Rs 1884674.00/-
Add L.C. - 01%					Rs 18846.00/-
Add S. Fee					Rs 23061.00/-
Total					Rs 1926582.00/-
Add GST 18%					Rs 346785.00/-
Total					Rs 2273367.00/-
Less 4.11% (-) A.P.A.					Rs 93435.00/-
Total					Rs 2179932.00/-
Ann.					
28/11/23					
T.E.					

Continuation