

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.	
Station & final bill					
Name of work :-	NH 82	Kulhi Road	To		
	Dhobi Bigha	Village			
Agency :-	Deepak Kumar				
Agreement No. :-	MBD 01/2024	25			
Date of commencement :-	27-08-2024				
Date of Completion :-	26-05-2025				
Date of Actual Completion :-	20-12-2024				

MEASUREMENT

① Clearing and Grubbing Road land

do do do

$$2 \times 30 \times 30 \times 1.00 = 180 \text{ m}^2$$

$$2 \times 5 \times 30.00 \times 1.00 = 300 \text{ m}^2$$

$$2 \times 24 \times 1.00 = 48 \text{ m}^2$$

$$2 \times 20 \times 1.00 = 40 \text{ m}^2$$

$$2 \times 30 \times 1.00 = 60 \text{ m}^2$$

$$2 \times 24 \times 1.00 = 48 \text{ m}^2$$

$$2 \times 12 \times 1.00 = 24 \text{ m}^2$$

$$2 \times 3 \times 30 \times 1.00 = 180 \text{ m}^2$$

$$\text{Qty} = 880 \text{ m}^2$$

$$\text{In HA, } 880/10000 = 0.09 \text{ HA}$$

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
BF					0.09 HA
② Dismantling of Existing P.C.C					
do				97	
	1	5	3.00	0.18	= 2.7m ³
	1	8	2.85	0.18	= 4.10m ³
	1	7	2.80	0.18	= 3.52m ³
	1	9	2.75	0.18	= 4.45m ³
	1	10	2.90	0.18	= 5.22m ³
	1	9	2.80	0.18	= 4.53m ³
	1	7	2.20	0.18	= 2.77m ³
	1	11	2.80	0.18	= 5.54m ³
	1	12	2.95	0.18	= 6.37m ³
	1	10	3.00	0.18	= 5.4m ³

	1	5	2.78	0.18	= 2.62m ³
	1	8	2.95	0.18	= 4.24m ³
	1	5	2.85	0.18	= 2.56m ³
	1	10	2.95	0.18	= 5.31m ³
	1	4	2.75	0.18	= 1.98m ³
				Qty =	61.37m ³
				Limit =	60.75m ³

③ Providing, laying, spreading and compacting WBM Gr-III

do					eli
	1	8	2.85	0.075	= 1.71m ³
	1	9	2.75	0.075	= 1.85m ³
	1	4	2.75	0.075	= 0.82m ³
	1	5	2.85	0.075	= 1.06m ³

Continuation Qty = 5.44m³
 Limit = 5.06m³

Sch.XLV-Form No. 134

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

DF ————— 506 m³

④ Construction of Paved Concrete
(M30 Grade)

do do do eff

5 × 3.00 × 0.125 = 1.875 m³

3 × 30 × 2.80 × 0.125 = 31.5 m³

30 × 2.75 × 0.125 = 10.31 m³

Qty = 43.68 m³

Units = 42.61 m³

⑤ Providing and applying Tole coat
with Bitumen Emulsion (Asl)

do do eff

12 × $\frac{6.20 + 4.10 + 3.75}{3}$ = 56.2 m²

30 × 3.75 = 112.5 m²

24 × 3.75 = 90 m²

29 × $\frac{3.75 + 4.00 + 3.75}{3}$ = 111.16 m²

5 × 30 × 3.75 = 562.5 m²

23 × 3.75 = 86.25 m²

11 × 3.75 = 41.25 m²

12 × 2.80 = 33.6 m²

27 × 3.50 = 94.5 m²

4 × $\frac{3.00 + 3.5}{2}$ = 17 m²

24 × 3.50 = 84 m²

8 × 2.60 = 20.8 m²

Qty = 1303.76 m²

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
⑥ Providing and laying semi-Dense Bituminous concrete.					
do.	do.			eli	
	12	$\frac{6.20 + 4.10 + 3.75}{3}$		$\times 0.025 =$	$1.40 m^3$
		30×3.75		$\times 0.025 =$	$2.81 m^3$
		24×3.75		$\times 0.025 =$	$2.25 m^3$
	27	$\frac{3.75 + 4.00 + 3.75}{3}$		$\times 0.025 =$	$2.77 m^3$
		$5 \times 30 \times 3.75$		$\times 0.025 =$	$14.06 m^3$
		23×3.75		$\times 0.025 =$	$2.15 m^3$
		11×3.75		$\times 0.025 =$	$1.03 m^3$
		12×2.80		$\times 0.025 =$	$0.84 m^3$
		27×3.50		$\times 0.025 =$	$2.36 m^3$
	4	$\frac{5.0 + 3.5}{2}$		$\times 0.025 =$	$0.42 m^3$
		24×3.50		$\times 0.025 =$	$2.1 m^3$
		8×2.60		$\times 0.025 =$	$0.52 m^3$
				Qty =	$32.71 m^3$
⑦ Brick masonry work in cement mortar in Parapet wall					
do.	do.			eli	
	2	$6.00 \times 0.4 \times 0.60 =$			$2.88 m^3$
⑧ Plastering with cement mortar on brick work in Parapet wall					
do.	do.			eli	
Side-face	1	$4.00 \times 6.00 \times 0.600 =$			$14.4 m^2$

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Top face = $1 \times 2.00 \times 6.00 \times 0.400 =$					4.80 m^2
front face = $1 \times 4.00 \times 0.40 \times 0.600 =$					0.96 m^2
					$= 20.16 \text{ m}^2$
⑨ Plastering with cement mortar on brick work in parapet wall					
----- do ----- do ----- c/i					
Side face = $4.00 \times 6.00 \times 0.600 =$					14.4 m^2
Top = $2.00 \times 6.00 \times 0.400 =$					4.80 m^2
Front face = $4.00 \times 0.4 \times 0.60 =$					0.96 m^2
					$= 20.16 \text{ m}^2$

⑩ painting Two coats including Primer coat after the surface with synthetic enamel paint

----- do ----- do ----- c/i

As per Item no. ⑤ and ⑨

$$2 \text{ culverts Nos} \times 20.16 \text{ m}^2 = 40.32 \text{ m}^2$$

⑪ Construction of subgrade and Earthwork shoulder

----- do ----- do ----- c/i

BT Portion	$2 \times 30 \times 1.00 \times 0.300 =$	18 m^3
	$2 \times 26 \times 1.00 \times 0.300 =$	15.6 m^3
	$2 \times 10 \times 1.00 \times 0.300 =$	6 m^3
	$2 \times 29 \times 1.00 \times 0.300 =$	17.4 m^3

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
BF					
	2	5	30	$1.00 \times 0.300 =$	$90m^3$
	2	23	$\frac{0.6+0.7}{2}$	$\times 0.300 =$	$6.9m^3$
	2	11	1.00	$\times 0.300 =$	$6.6m^3$
	1	12	$\frac{0.4+0.3}{2}$	$\times 0.300 =$	$1.26m^3$
	1	30	$\frac{0.5+0.3}{2}$	$\times 0.300 =$	$3.6m^3$
	1	25	0.7	$\times 0.300 =$	$5.25m^3$
	1	8	0.7	$\times 0.300 =$	$1.68m^3$
				$=$	$172.29m^3$
C.C Position					
	2	5	0.7	$\times 0.3 =$	$2.1m^3$
	2	3	30	$\times 0.7 \times 0.3 =$	$18.9m^3$
	1	30	0.7	$\times 0.3 =$	$6.3m^3$
				$Qty =$	$27.3m^3$
	Total Qty = $172.29m^3 + 27.3m^3$				$= 199.59m^3$
(12) Reinforced cement concrete M15 boundary pillar stone fixed in position					
	do		do		eli
	Qty = 8				$= 8.00 Nos$
(13) Plastering of Trees by the road side (Avenue Trees)					
	do		do		eli
	Qty = 28 Nos				$= 28 Nos$

Continuation

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D	
(14) Paving and laying of hot applied Thermoplastic compound Road marking					
do do do					
BTPotion	2	30	0.100		6 m ²
	2	12	0.100		2.4 m ²
	2	24	0.100		4.8 m ²
	2	29	0.100		5.8 m ²
	2	5	30	0.100	30 m ²
	2	30	0.100		6 m ²
	2	16	0.100		3.2 m ²
	2	27	0.100		5.4 m ²
	2	28	0.100		5.6 m ²
	2	8	0.100		1.6 m ²
				Qty =	70.8 m ²
				Limit =	70 m ²
CC Paction					
	2	5	0.1		1 m ²
	2	3	30	0.1	18 m ²
	2	30	0.1		6 m ²
				Qty =	25 m ²
				Limits =	18 m ²

Continuation

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

(15) Reinforced Cement concrete

M15 Grade KM stone

-----do-----do-----ei

Qty = 1.00 Nos = 1.00 Nos

(16) Reinforced Cement concrete M15
Grade 2000 stone

-----do-----do-----ei

Qty = 2.00 Nos = 2.00 Nos

(17) Providing and fixing of Retro-
Reflectors 600mm Equilateral

is angle

-----do-----do-----ei

Qty = 3.00 Nos = 3.00 Nos

(18) Providing and fixing of Retro-
Reflectors 600mm Circular

-----do-----do-----ei

Qty = 2.00 Nos = 2.00 Nos

(19) Providing and fixing of Retro-Refle-
ctorised 600mm x 450mm Rectangular

-----do-----do-----ei

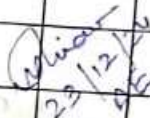
Qty = 1.00 Nos = 1.00 Nos

Continuation

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Material Statement					
E/w					= 199.59 m ³
WBMG + III S/metal					= 6.12 m ³
Screening					= 1.21 m ³
P.C.C (Stone/Aggregate)					= 38.39 m ³
Local Sand					= 19.17 m ³
SD Bc					= 3.59 m ³
Waste Plaster					= 0.25 m ³
Stone chips					= 46.77 m ³



 Initial
 23/12/20

Minor
23/12/2014

ABSTRACT OF COST					
D Clearing and Grubbing Road land					
.....	do		do		eli
0.09 HA	VTMB P			(01)	
	@ 76926.08				Rs 6923.35/-
② Dismantling of existing P.C.C					
.....	do		do		eli
60-75 m ²	VTMB P			(02)	
	@ 687.18/m ²				Rs 41746.19/-
					Rs 48669.54/-

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	BF				1,48667.54
③ Providing laying spreading and Compacting WBM Gr-II					
do				c/i	
5.06 m ² VTMB P				02	
@ 3080.32/m ²					Rs 15586.92
④ Construction of Paved Concrete (M30 grade)					
do				c/i	
42.61 m ² VTMB P				03	
@ 8754.18/m ²					Rs 373015.78
⑤ Providing and applying Tack Coat with Bitumen Emulsion (RS1)					
do				c/i	
1303.76 m ² VTMB P				03	
@ 19.60/m ²					Rs 25671.29
⑥ Providing and laying Semi-Dense Bituminous Concrete					
do				c/i	
32.71 m ² VTMB P				04	
@ 1303841/m ²					Rs 426486.39
					Rs 889429.41

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(	BF				Rs 883423.42
⑦ Brick masonry work in cement mortar in parapet wall					
do do do				ei	
2.88m ³ VTMBP				②9	
7153.84/m ³					Rs 20603.06/-
⑧ Plastering with cement mortar on brick work in parapet wall					
do do do				ei	
20.16m ² VTMBP				②5	
@ 222.22/m ²					Rs 4479.36/-
⑨ Plastering with cement mortar on brick work in parapet wall					
do do do				ei	
20.16m ² VTMBP				②5	
@ 222.22/m ²					Rs 4479.36/-
⑩ Painting Two coats including primer coat after the surface with Synthetic enamel paint					
do do do				ei	
40.32m ² VTMBP				⑤	
@ 139.16/m ²					Rs 5610.9

Continuation Rs 924603:-

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	Pf				Rs 7246033
(1) Construction of subgrade and Earth on shoulder					
do do do	do		do	eli	
199.57 m ²	VTMB P		(06)		
@ 264.51/m ²					Rs 52793.55
(2) Reinforced Cement Concrete M15 boundary Pillar Stone fixed in position					
do do do	do		do	eli	
8 Nos	VTMB P		(06)		
@ 792.68					Rs 6341.49/-
(13) Planting of Trees by the road side (Avenue Tree)					
do do do	do		do	eli	
28 Nos	VTMB P		(06)		
@ 1305.10					Rs 36542.8/-
(14) Providing and laying of hot applied Thermoplastic Compound Road marking					
do do do	do		do	eli	
BT Poston 70m ²	VTMB P		(07)		
@ 886.50					Rs 62055/-
cc Poston 18 m ²	VTMB P		(07)		
@ 1005.95					Rs 18107.10

Continuation Rs 1100443.22

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Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
	BF				Rs 10943.20
(15) Reinforced Cement concrete					
MIS Grade Kerb Stone					
do			do	all	
1.00 NOZ VTMB P				(08)	
@ 2764.51					Rs 2764.51
(16) Reinforced Cement concrete					
MIS 300 mm Stone					
do			do	all	
2.00 NOZ VTMB P				(08)	
@ 796.28					Rs 1592.56
(17) Providing and laying of					
Retro-Reflectored Beams					
Equilateral triangle					
do			do	all	
3.00 NOZ VTMB P				(08)	
@ 4411.03					Rs 13233.09
(18) Providing and laying of Retro-					
Reflectored Beams Circular					
do			do	all	
2.00 NOZ VTMB P				(08)	
@ 4253.40					Rs 8506.80
					Rs 1126540.36

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	BF				Rs 126540.34
19) Providing and fixing Retro letter size 60mm x 450 mm Rectangular					
----- do -----	do	do	do	do	Rs 1
1.00 Nos	VTMB P				(08)
	@ 4108.87				Rs 4108.87
20) Providing and fixing 'Logo' of Project					
----- do -----	do	do	do	do	Rs 1
2.00 Nos	VTMB P				(09)
	@ 11526.15				Rs 23052.31
21) Providing and fixing Citizen Infor- mation Board					
----- do -----	do	do	do	do	Rs 1
2.00 Nos	VTMB P				(09)
	@ 11526.15				Rs 23052.31
22) Providing and fixing 'Logo' of Maintenance Board.					
----- do -----	do	do	do	do	Rs 1
1.00 Nos	VTMB P				(09)
	@ 11526.15				Rs 11526.15

Continuation Rs 1188239.34
Rs 1188280/r

Continuation