

1st & 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 measurements relating to each work).

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

Name of work :- M/R Road
Basant Nagar se Kalidpura

Name of Agency :- Sanjay Kumar
Pandey, vill: Palsur Siwan

Agreement No.:- M.B.D 04/2023-24

Agreement value - Rs 1,60,44,615/-

Date of start :- 07-07-23

Date of completion :- 06-09-24

Date of Actual completion :- 05-09-23

① clearing and Grubbing Road land
(By manual means) including uprooting
wild vegetation grass do - do - Comp

$$2 \times 1250 \times 1.000 = 2500$$

or 0.25 H.A

② Construction of subgrade and
Earthen shoulder with Approved
material obtained from Borrowpit.
with all load & loads transpotry
to site do - do - compable
only flank (ditches due to Raincut)

$$2 \times 6 \times 30 \times 0.700 \times 0.450 = 113.40 \text{ M}$$

$$2 \times 8 \times 30 \times 0.700 \times 0.450 = 191.20 \text{ M}$$

$$2 \times 8 \times 30 \times 0.700 \times 0.450 = 191.20 \text{ M}$$

$$2 \times 19 \times 30 \times 0.700 \times 0.400 = 359.10 \text{ M}$$

$$2 \times 1 \times 20 \times 0.700 \times 0.400 = 12.60 \text{ M}$$

$$\text{Continuation} \quad 11.20$$

Total 787.5

746.72 M.

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(3) Gravel-Sand-Bark with well Graded material spreading in uniform layer with motor grader or prepared surface do do comp-Jet					
Per measurement					
	3.00	X 1.60	=	4.80	
	2.50	X 1.50	=	3.75	
	3.00	X 1.20	=	3.60	
	2.20	X 1.70	=	3.74	
	2.90	X 1.20	=	3.48	
	3.00	X 1.50	=	4.50	
	2.50	X 1.50	=	3.75	
	2.90	X 1.40	=	4.06	
	2.50	X 1.10	=	2.75	
	2.50	X 1.70	=	4.25	
	4.80	X 1.50	=	7.20	
	3.50	X 1.40	=	4.90	
	6.20	X 2.80	=	12.40	
	5.70	X 1.20	=	6.84	
	3.20	X 2.10	=	6.72	
	2.90	X 2.10	=	6.09	
	2 X 2.50	X 1.85	=	9.25	
	2 X 3.10	X 1.80	=	11.16	
	2 X 2.90	X 1.90	=	11.02	
	2 X 3.60	X 1.75	=	12.60	
	4 X 3.10	X 1.80	=	26.64	
				153.50 M ²	

Continuation

Limit Area \Rightarrow 140.40 M²2% Extra \Rightarrow Qty = 143.20

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Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Total Qty \Rightarrow		140.40	\times	0.175	
			$=$	24.57 m ³	
(4) Water Bound Macadam with stone screening Gr II providing laying spreading and compacting stone aggregate of specific size to W.B.M Gr II					
Area from G.S.A \Rightarrow 143.20					(4)
5.50 \times 1.60 = 8.80					
5.70 \times 2.00 = 11.40					
5.50 \times 1.70 = 9.35					
3.70 \times 2.10 = 7.77					
4.30 \times 2.30 = 9.89					
6.40 \times 2.80 = 17.92					
6.30 \times 1.60 = 10.08					
5.70 \times 1.90 = 10.83					
6.60 \times 1.70 = 11.22					
6.50 \times 1.80 = 11.70					
4.80 \times 2.80 = 13.44					
7.00 \times 2.00 = 14.00					
5.90 \times 1.90 = 11.21					
1.70 \times 2.20 = 3.74					
Total \Rightarrow 300.20 m ²					
Total Qty \Rightarrow 300.20 \times 0.075					
			$=$	22.52 m ³	

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L	B.	D.	
(5) Water Bound Macadam GII					
Providing laying spreading & compacting with stone screening fill up					
do do - complete job					
(- W. B. M GII II -)					
Area W. B. M GII = 300.2×1.02					
<u>W. B. M Total Area = 306.20</u>					
$2 \times 5.60 \times 1.35 = 15.12$					
$2 \times 5.00 \times 1.50 = 10.00$					
$2 \times 6.00 \times 1.40 = 16.00$					
$2 \times 6.50 \times 1.60 = 20.80$					
$4 \times 5.25 \times 1.50 = 31.50$					
$= 4 \times 5.70 \times 1.40 = 31.92$					
$3 \times 5.00 \times 1.60 = 24.00$ Total					
$3 \times 5.40 \times 1.05 = 16.73$ 456.84					
$3 \times 3.50 \times 1.70 = 17.05$ 2					
$2 \times 7.00 \times 1.00 = 14.00$ 25.20					
Total Area $\Rightarrow 456.84$					
Limit Area $\Rightarrow 448.80$					
Total Qty $\Rightarrow 448.80 \times 0.075$					
$= 33.66 \text{ m}^3$					
(6) Prime Coat					
Providing & Applying primer					
Coat with Bitumen Emulsion					
(S-S-I) on prepared surface					

Continuation

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					As per Gr II qty = 33.60
					$1 \times 33.60 \times 1 \div 0.075 = 448.80 \text{ m}^2$
(7) Track coat					
Providing & Applying Track coat with Bitumen Emulsion (R-S-I)					
					Qty $\Rightarrow 448.80 \text{ m}^2$
					Same Item No - (6)
(8) Patch work over W.B.m using P.Mix Seal surface (Type B) with waste Plastic P.v.r Bituminous					
					Qty $\Rightarrow 448.80 \text{ m}^2$
					Same Item No - (6)
(9) A) Track coats $750 \times 3.75 = 2812.50 \text{ m}^2$					
(9) B) Semi-Dens - Bituminous, concrete Providing laying do do all complt Job					
					$4 \times 30 \times 3.75 \times 0.025 = 11.250$
					$4 \times 30 \times 3.75 \times 0.025 = 11.250$
					$4 \times 30 \times 3.75 \times 0.025 = 11.250$
					$6 \times 30 \times 3.75 \times 0.025 = 16.875$
					$6 \times 30 \times 3.75 \times 0.025 = 16.875$
					$1 \times 30 \times 3.75 \times 0.025 = 2.812$
					Qty Total $\Rightarrow 70.312$
Qty					Say <u>70.31 m³</u>

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(10) Construction of Dry beam					
Cement concrete sub-base over a prepared sub-grade					
do do all compct slg					
Qty <u>18.770 m³</u>					
(11) Construction of reinforced plain cement concrete Pavement (C.C pavement)					
$4 \times 30 \times 3.75 \times 0.160 = 72.00$					
$4 \times 30 \times 3.75 \times 0.160 = 72.00$					
$4 \times 30 \times 3.75 \times 0.160 = 72.00$					
$4 \times 30 \times 3.75 \times 0.160 = 72.00$					
$1 \times 20 \times 3.75 \times 0.160 = 12.00$					
					total $\Rightarrow 300 m^3$
(12) Reinforced Cement Concrete M15 grade kilometer local stone # 200 meter stone					
(i) K.M Stone — <u>1 NOS</u>					
(ii) 200 M. Stone — <u>6 NOS</u>					
(13) Retor- Reflectosised Traffic sign Providing & erecting direction and place Identification Place Identification —					
$2 \times 1.20 \times 0.80 = 1.92 m^2$					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(14) Providing & Fixing Retan-Riff cautionary boundary and Informatory sign as I.R.C. 67 do - do - all complet Job					
(a) 600 mm equilateral triangle					
Qty — 6 NOS					
(b) 600 mm circular					
Qty — 4 NOS					
(c) 600 x 450 mm rectangular					
Qty — 6 NOS					
(15) Boundary Pillar / Gaurd Post reinforced cement concrete M15					
Boundary Pillar Local stone of standard design as per I.R.C					
Qty — 48 NOS					
(16) Road marking with Hot Applied Thermoplastic compound with Reflectoising Glass Beads					
$2 \times 12.50 \times 0.100 = 2.50 \text{ m}^2$					
(17) Providing & Fixing of Typcial I/R 3054 informatory sign Board with Logo as per M.O.R.D					
Qty — 3 NOS					

Continuation

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Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(18) Planting of Tree and their Maintenance for one year Both side Road					
Qty \Rightarrow 84 Nos					
(19) Construction of Parapet wall					
(A) Brick Masonry in CM (1:3) in Parapet including Parapet Painting & plastering					
$6 \times 6 \times 0.40 \times 0.60 = 8.64 \text{ m}^3$					
(B) Plastering with cement mortar (1:4) in Brick wall in sub-structure as per T.S.P.C.					
Side face - $3 \times 4 \times 6.00 \times 0.60 = 43.20$					
Top - $3 \times 2 \times 6.00 \times 0.40 = 14.40$					
Front face - $3 \times 4 \times 0.40 \times 0.60 = 2.88$					
Total $\Rightarrow 60.48 \text{ m}^2$					
(C) Painting Two Coat New Concrete Surface - Primer coat with Filler					
S. face - $3 \times 4 \times 4.00 \times 0.60 = 28.80$					
Top - $3 \times 2 \times 4.00 \times 6.00 = 144.00$					
Front face - $3 \times 4 \times 1.40 \times 0.60 = 2.88$					
Total $\Rightarrow 175.68 \text{ m}^2$					
21/23	5/10	5/10	5/10	AE	
5/10 E					

Continuation

कार्य विकल्पों के अनुसारी दृष्टि
Actual Date of completion

21/23