

Ram Laxsman Patel House to PMHSY

Schedule XLV-Form No. 134

Road Near Maha Dev Sah house (SC)

ग्रामीण कार्य विभाग/ कार्य प्रमंडल पुफरी **DIVISION**

ग्रामीण कार्य विभाग/ कार्य प्रमंडल **SUB-DIVISION**
बाजापट्टी

MEASUREMENT BOOK

No-2495

सर्वेक्षक - कुन्दन जी / मुजम्मद इम

1st on A/c Bill

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W:- Constr. of Road & CD works with maintenance for Ram Laxman Patel house to Pansy Road Near Mahadev Sah house under munsy.					
N/Agency:- Kundan Kumar, Vill-Hanuman Nagar Po - Kanta, Muzaffarpur					
Agreement no:- 64 SBD of 2021-22					
Date of Start:- 23-11-21					
Date of Completion:- 22-11-22					
Work Done					
(1/2) P/s & fixing of working benchmark					
(a) working benchmark pillar					
Qty = 1.55 Km					
(b) Reference Pillar					
Qty = 1.55 Km					
(2/3) clearing & grubbing Road land etc.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$2 \times 1550 \text{ m} \times 3.5 \text{ m} = 10850 \text{ m}^2$
					$10850 / 10000 = 1.085$
					$Q_{H1} = 1.085$
(3/4) Const. of embankment					
with material obtained from borrow pit etc					
Lead 100 m					
Q_{H1} taken approximately					
40% of total Q_{H1}					
$Q_{H1} = 153.22 \times 40\%$					
$Q_{H1} = 61.28 \text{ m}^3$					

(5/5) Const. of Subgrade					
2 earthen shoulder etc.					
					$10 \times 30 \text{ m} \times 6.5 \text{ m} \times 0.3 \text{ m} = 585 \text{ m}^3$
					$5 \times 30 \text{ m} \times 5.5 \text{ m} \times 0.3 \text{ m} = 247.5 \text{ m}^3$
					$10 \times 30 \text{ m} \times 5 \text{ m} \times 0.3 \text{ m} = 450 \text{ m}^3$
					$22 \times 30 \text{ m} \times 6 \text{ m} \times 0.3 \text{ m} = 1188 \text{ m}^3$
					$Q_{H1} = 2470.5 \text{ m}^3$
(5/6) Const. of granular Sub-base by providing well graded material etc.					
					$10 \times 30 \text{ m} \times 4.05 \text{ m} \times 0.2 \text{ m} = 243 \text{ m}^3$
					$2 \times 30 \text{ m} \times 3.65 \text{ m} \times 0.2 \text{ m} = 438 \text{ m}^3$

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(1/2) P/L & Fixing of working benchmark etc.					
(a) working benchmark					
Q ₄ vide TMB P-1					
Q ₄ = 1.55 km					
@ £ 4015 = 4/km —					£ 6223.00
(b) Reference Pillar					
Q ₄ vide TMB P-1					
Q ₄ = 1.55 km					
@ £ 1815 = 38/km —					£ 2861.00
(2/3) clearing & grubbing Road Land etc.					
2 x 1000 x 33 = 100000					
100000 / 10000 = 10000					
Q₄ = 10000					
Q ₄ vide TMB P-1/2					
Q ₄ = 1.00 Ha					
@ £ 52970 = 33/Ha —					£ 57738.00
(3/4) Cost of embankment with material obtained from borrow pit etc.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Lead 100m					
Qty vide TMB P-2					
					Qty = 61.28m ³
@ £ 152 = 15/m ³					£ 9323 = 00
(4/5) Constn. of Subgrade					
2 earthen shoulder etc.					
Qty vide TMB P-2					
					Qty = 2470.5m ³
@ £ 191 = 76/m ³					£ 473743200
(5/6) Constn. of granular					
Sub-base by providing					
well graded etc.					
Qty vide TMB P-2/3					
					Qty = 1123.8m ³
@ £ 2846 = 57/m ³					£ 319897500
(6/21) P/O & Fixing of					
typical mural monument					
sign board with logo					
etc.					
Qty vide TMB P-3					
					Qty = 5No.
@ £ 9576 = 0/No.					£ 47884 = 00
Continuation					Total = £ 3796747 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF	= 3736747=00
Add 1% L/cess					= 37367=00
Add 12% hst					= 455603=00
Add S/fee					= 65070=00
				Total	= 4355401=00
Less 1.83% below					= 82317=00
as per agreement					
				Net	= 4273084=
					cap
					10.9.22

Continuation