

N/02/2008: - construction of masonry roof from Belhiya masonry to
Kanjian Tola -

Schedule XLV-Form No. 134

Masonry (SC)

गोमती काम सिंगार काम ग्रहस्य, पुष्परी

DIVISION

गोमती काम सिंगार काम अग्रहस्य सुगंध SUB-DIVISION

Measurement Book

M 2115

संवेदक- अग्रह सुगंध सुगंध

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ग्रामीण कार्य विभाग कार्य प्रमंडल पुष्पा DIVISION
ग्रामीण कार्य विभाग कार्य भवन सुराज SUB-DIVISION

Measurement Book

No. 2115

Name of officer श्री प्रेमचन्द्र का

सहायक अभियंता कार्य भवन प्रमंडल सुराज

Date of first entry

Date of last entry

- 150 RA 011 -

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Name of Work- Construction of masonry road from
 Situation of Work- Belkha pmsy to Manjan Tola
 Agency by which work is executed- Abhyas Muz
 Date of Measurement- 12.10.2019
 No. and date of agreement 03/56D/2019-20/21
 (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.	
Date of Work start:-		21.03.2019			
Date of completion:-		20.03.2020			
1/1.16 - Providing and fixing of working bench mark pillars -					
⑤ Working bench mark pillars.					
	1	0.400			0.400km
6) Reference pillars -					
	1	0.410			0.400km
2/2.2. Clearing and grubbing road land including uprooting wild vegetation grass bushes -					
	2	4.00	3.50		2800.00
Ha = $2800/10000 =$					0.28 Ha
3/7) 3.4. Construction of Embankment with material obtained from borrow pits -					
	4	30.00	4.50	0.45	243.00
	1	11.00	4.50	0.45	22.28
	1	20.00	4.50	0.45	40.50
	2	30.00	4.50	0.50	135.00
	2	30.00	4.50	0.50	135.00
Total dy					575.78 m ³
Continuation					90

2nd/3 final - Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work:-	Construction of				MMGSY
	Road from Belhiza PMGSY to				
	Haj tan Hanjan Tola.				
Name of Agency:-	Abhay Kumar.				
Agreement No/Date.	MMGSY 03/SBD/2019-20				
	Date 21.09.2019.				
Date of start:-	21.09.2019.				
Date of Work completion	20.03.2020				
Actual date of Work completion:-	16.03.2020				
Bill No-	2nd & final Bill-				
Measurement vide	MB No-2115(B) Dated 16.03.20				

- Abstract of cost:-

1) Providing and fixing of				
Working bench mark pillar.				
Qty	vide TMB P-05.			
Qty	0.400 Km	@	4480.39/Km	1792.00
(b) Reference pillar.				
Qty	0.400 Km	@	2075.44/Km	830.00
(c) clearing and grubbing road.				
load.				
Qty	vide TMB P-06.			
Qty	0.28 Ha	@	49739.47/Ha	13927.00
(3) Construction of embankment				
with material obtained from				
borrow pits.				

Total Amount (Rs) Continuation 16,549.00/-
C/O.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide TMB-P-06.					
(A) Lead 100 mt.					
Qty 289.72 m ³ @ 187.511 m ³				=	54,325.00
(B) Lead-100 mt.					
Qty 644.85 m ³ @ 142.62 m ³				=	91,969.00
(4) Construction of subgrade and earthen shoulder.					
(A) Flexible road-					
Qty vide TMB-P-06					
Qty 363.90 m ³ @ 189.39 m ³				=	68,917.00
(B) Rigid Road-					

Qty vide TMB-P-07					
Qty 60.15 m ³					
Qty 54.98 (Qty vide-MANo 21158 21502)					
Total Qty 115.13 m ³ @ 189.39 m ³				=	21,804.00
(5) Construction of G.S.B. by providing well graded material spreading in uniform layers.					
(A) Flexible road.					
Qty vide TMB-P-07					
Qty 103.25 m ³ @ 2993.83 m ³				=	3,09,113.00/-
(B) Rigid road-					
Qty vide TMB-P-07					
Qty vide TMB-105.17 m ³ @ 2993.83 m ³				=	3,14,861.00
Total Amount (Rs)	Continuation				877,540.00/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) Providing laying spreading and compacting stone aggregate WBM-GR III.					
(A) Flexible road.					
alg vide TMB-P-07					
Qty $35.80 \text{ m}^3 @ 3642.67/\text{m}^3 \Rightarrow$					1,30,408.00
(B) Rigid road:-					
alg vide TMB-P-07.					
alg $78.88 \text{ m}^3 @ 3642.67/\text{m}^3 =$					2,87,334.00
(7) Providing and applying Primer coat with (S ₁)					
alg vide MBN1-2115(B)P-02.					
alg $477.11 \text{ m}^2 @ 51.83/\text{m}^2 \Rightarrow$					24729.00
(8) Providing and applying tack coat with bitumen emulsion (R ₅₁)					
alg vide MBN1-2115(B)P-02.					
alg $477.11 \text{ m}^2 @ 17.40/\text{m}^2 \Rightarrow$					8302.00
(9) Providing laying and rolling of close graded premix surfacing material of 20mm thick					
alg vide TMB-P-03. 2115(B)					
alg $477.11 \text{ m}^2 @ 238.01/\text{m}^2 \Rightarrow$					113557.00
(10) construction of un reinforced plain cement concrete pavement					
Total Amount Rs)					144,870.00/-

Continuation

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B/E Rs 1441870.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
alg vide MB No-2115(B) P-03					
alg 168.26 m ³ @ 8408.72/m ³ ⇒					1414851.00
(i) R.C.C MIS grade concrete					
(ii) Kilometre Stone					
alg vide MB No-2115(B) P-03					
alg 01 No @ 2627.56 each ⇒					2628.00/-
(iii) 200mm Stone -					
alg vide MB No-2115(B) P-03					
alg 02 Nos @ 709.55 each ⇒					1419.00
(12) R.C.C MIS grade boundary pillar-					
alg vide MB No-2115(B) P-04					
alg 40 Nos @ 547.96 each ⇒					21918.00/-
(13) Providing and fixing retro reflective cautioning board.					
(i) 600mm circular					
alg vide MB No-2115(B) P-04					
alg 04 Nos @ 5666.76 6466.28 each ⇒					22667.00
(iii) 900 mm equilateral triangle-					
alg vide MB No-2115(B) P-04					
alg 02 Nos @ 6466.28 each ⇒					12933.00
(iv) 600mm x 450mm rectangular.					
alg vide MB No-2115(B) P-04					
alg 2.00 Nos @ 5511.63 each ⇒					11023.00
Total Amount (Rs)					29,29,309.00/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) Providing and laying of hot applied thermo plastic compound on flexible road - edge both side -					
(A) Flexible road -					
alg vide MB No - 2115 (B) P-04					
alg 25.00 m ² @ 850.93/m ² ⇒					21273.00
(B) Rigid Road -					
alg vide MB No - 2115 (B) P-04					
alg 55.00 m ² @ 947.57/m ² ⇒					52116.00
(15) Planting trees by the road side -					
alg vide MB No 2115 (B) P-04 -					
alg 13.00 Nos @ 817.41 each ⇒					9807.00
(16) Providing and laying of Rcc Hume Pipe 300 mm dia					
alg vide MB No - 2115 (B) P-04 (67)					
alg 15.00 mt @ 981.49/mt ⇒					14722.00/-
(17) (10.3) providing and erecting directing board.					
alg vide MB No - 2115 (B) P-05.					
alg 01 No @ 3604.81 each ⇒					3605.00
(18) Providing and fixing logo of MMSy information, Citizen and maintain board -					
alg 04 Nos vide TMS-P-08.					
alg 01 No vide MB No 2115 (B) P-05.					
Total alg 05 No @ Continuation 11906.12 each ⇒					59531.00
Total cost for road construction with Rs. 30,90,365.00/-					90.
Sd/- 26/06/2020 JE					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(B) Cost of Parapet wall construction-					
1) Brick masonry work in c.m (1:1:3) in parapet					
alg vide MB/NO- 2115(B)P-05					
alg 3.12 m ³ @ 6345.72/m ³ ⇒					19799.00/-
2) providing P.C. M20 coping					
alg vide MB/NO-2115(B)P-05.					
alg 13.00 mt @ 494.26/mt ⇒					6425.00/-
(3) plastering with cement mortar.					
1:4 on brick wall-					
alg vide MB/NO-2115(B)P-05.					
alg 16.22 m ² @ 207.00/m ² ⇒					3370.00/-
(B) Total cost for Parapet construction ⇒					29614.00/-
<u>26/04/2020</u> <u>JE</u> Summary of Abstract of cost of standard firm bill.					
(A) Cost of road constn work. (P-14) Rs-					309036.00
(B) Cost of parapet constn. work (P15) Rs.					29614.00
Sub total Amount (A+B) Rs.					31,19,979.00
less @ 0.02% below as per contract (-) Rs					624.00
Sub Total Amount (Rs)					31,19,355.00/-
less 1st R.A Bill Amount (Rs) (-)					12,48,669.00/-
Net Payable Amount (Rs)					1870686.00/-
say- 18,70,686.00/-					
<u>26/04/2020</u> <u>JE</u> Continuation					