

Phokan Bam house Bone Basudevpur to

Schedule XLV-Form No. 134

(SC)

मुख्य बोस बोस अहिनी में बाजपट्टे (मुख्य)

मुख्य बोस बाजपट्टे मुख्यालय

DIVISION

मुख्य बोस बाजपट्टे मुख्यालय

SUB-DIVISION

MEASUREMENT BOOK

No-2484

सर्वेक्षण :- १५ मई १९५४

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/w:- Costn of Road 2 CD					
works with maintenance					
for Phelan Pan house					
Bone Begudpur to					
Pursy Road Boke					
chimmi under Pursy.					

N/Agency:- Shree Prakash
Kumar, Vill- Vignathpur
Dumra Sitamarhi

Agreement no:- 22 SBD of 2021-22

Date of Start:- 12-06-21

Date of Completion:- 11-06-22

Actual date of completion:-

Work Done

Further measurement
Nil

~~22/8/22~~
~~22/8/22~~

~~22/8/22~~
~~22/8/22~~
AK

REASTRACT OF COST

(1/2/2) P/v 2 Fixing of
working benchmark

(2) working benchmark
QM vide FMB P-23

Particulars	(Details of actual measurement)				Contents of area
	No.	L.	B.	D.	
		$\phi H = 1.33 \text{ km}$			
@ ₹ 4015 = 4/km				5	5340200
(b) Reference pillar					
ϕH vide TMB P-23					
$\phi H = 1.33 \text{ km}$					
@ ₹ 1845 = 38/km				3	2455200
(2/3) Clearing & grubbing road land after					
ϕH vide TMB P-23					
$\phi H = 0.93 \text{ ltr}$					
@ ₹ 52970 = 33/ltr				5	4926200
(3/4) Excavation for railway in soil using manual means etc					
ϕH vide TMB P-24					
$\phi H = 38.94 \text{ m}^3$					
@ ₹ 75 = 57/m ³				5	2943200
(4/5,6) Costn. of embankment with material obtained from borrow pit etc					
(a) 1000m Lead					
ϕH vide TMB P-24					

Particulars	Details of actual measurement				Quantity of area
	No.	L	B	H	
		$q_{th} = 39.97 m^3$			
@ $\pm 150 = 57/m^3$					$\pm 157.35 =$
(b) 100 m 1.00 m					
		q_{th} vide TMB P-24			
		$q_{th} = 885.68 m^3$			
@ $\pm 152 = 15/m^3$					$\pm 104356 =$

(5/7) Constn. of subgrade

2 earthen shoulder

etc

 q_{th} vide TMB P-24 $q_{th} = 2352.35 m^3$ @ $\pm 151 = 76/m^3$ $\pm 451163 =$

(6/8+13) Constn. of granular

sub-base by providing

well graded material

 q_{th} vide TMB P-25 $q_{th} = 891.05 m^3$ @ $\pm 2830 = 42/m^3$ $\pm 2521045 =$

(7/9+14) P.V., laying, spreading

2 Compacting of WBM-3

etc

 q_{th} vide TMB P-25

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ £ 3948 = 107 m ²				- £	13668612

(5/10) Prime Coat - P/L 2
applying primer coat with
bitumen emulsion etc

$\phi_{H_2} \text{ vible } T_{H_2} = 25$
 $\phi_{H_2} = 4302.5 \text{ m}^2$
 $\phi = 4302 / \text{m}^2 \quad \rightarrow \quad \rho = 10.5481 \text{ a}$

(5/11) Task Cost: - 1/10 2

applying face coat
with bitumen emulsion

$Q_{H \text{ viol}} = 4307.5 \text{ m}^2$

@ $\bar{x} = 14 = 74/m^2$ ————— $\bar{y} = 63492200$

(10/12) - MSS:- P/V, logging & ralling of close granular
Premix surfacing etc.

Q_{H_2} vide TMB A-24
 $Q_{H_2} = 4307.5 \text{ m}^3$

② $215 = 28/m$ ————— $\therefore 215 \times 28 = 0$

(11/15) Cost of un-reinforced plain cement concrete

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Pavement a/c					
Qty vide TMB P-26					
Qty = 122.40 m ²					
@ ₹ 7437 = 33/m ²					₹ 3176730
(12/16,17) Km Stone :- Reinforced Cement Concrete M-15 grade					
(i) Km Stone :-					
Qty vide TMB P-26					
Qty = 2 No.					
@ ₹ 2297 = 87/No.					₹ 4595200
(ii) 200 m Stone :-					

Qty vide TMB P-26					
Qty = 6 No.					
@ ₹ 594 = 76/No.					₹ 356800

(13/18) Boundary Pillar :- Reinforced Cement Concrete M-15 grade boundary pillar					
Qty vide TMB P-27					
Qty = 40 No.					
@ ₹ 520 = 05/No.					₹ 2100200

(19/19,20,21) P/R & Fixing of Retro reflective Cautionary Mandatory & Informatory etc.					
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Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) 600 mm circular :-					
PH vide TMB P-27					
PH = 4 No.					
@ ₹ 4776 = 4 / No. ———					₹ 19104
(ii) 900 mm equilateral					
8 triangles etc.					
PH vide TMB P-27					
PH = 4 No.					
@ ₹ 5253 = 58 / No. ———					₹ 21038
(iii) 600 mm x 450 mm rectangular					
PH vide TMB P-27					
PH = 4 No.					
@ ₹ 4651 = 02 / No. ———					₹ 18604
(15/22,23) P/o 2 layering of					
hot applied thermoplastic					
Compound etc.					
PH vide TMB P-28					
PH = 266 m ²					
@ ₹ 721 = 85 / m ² ———					₹ 192038
(14/24) planting of tree by					
the road side etc.					
PH vide TMB P-28					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
		PH = 114700			
@ 2 42 = 62/No. —					2 3605800
(17/26) P/v 2 erecting dimension					
2 place identification					
		etc			
PH vide TMB P-28					
		PH = 11400			
@ 2 3055 = 83/No. —					2 305600
(18/27) P/v 2 Fixing of typical					
mmst Marmory Sign					
		board			
PH vide TMB P-29					
		PH = 5 No.			
@ 2 9576 = 8/No. —					2 4788400
(19/28) Earth work in excavation					
for foundation etc.					
PH vide TMB P-29					
		PH = 15.66 m ³			
@ 2 279 = 09/m ³ —					2 4371000
(20/29) P/v PCC M-15 Concrete					
for plain concrete in					
open foundation etc.					
PH vide TMB P-29					
		PH = 2.84 m ³			

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ 2 6133 = 97/m ²					17457=
(21/30) P/v Concrete for plain concrete in open foundation etc.					
Qm vide TMB P-29					
Qm = 13 m ³					
@ 5 6713 = 8/m ³					87279=
(22/31) P/v 2 laying Rcc pipe M-3 for culvert etc					
Qm vide TMB P-30					
Qm = 7.5 m					
@ 2 2031 = 81/m					10739=
(23/32) painting two coat on New Concrete Surface etc.					
Qm vide TMB P-30					
Qm = 22.4 m ²					
@ 2 90 = 35/m ²					2023200
Sub total = 7141847=					
Add 1% L/dess					= 71418=
Add 12% LST					= 857021=
Add 5/fee					= 104062=
Total = 8174348=					
(i) Less previous payment vide TMB = 3144615=					
(ii) Less 0.00% below as per grant = 0.00					

Continuation

Net = 5029733=

Accepted
21/8/24
MC

Chakraborty
29.8.22

26.08.24
JE