

Name of work - mmly(SC) अर्द्धा लेवनी बि बि 1
pmly 25 अ कर्मा 22 42 बि बि

Schedule XLV-Form No. 134

27 SBD
20/11/17

Danapur

DIVISION

Name of A-E - Sr. Ramesh

SUB-DIVISION

Kumar Singh (Bihar) M-B No - 1444

MEASUREMENT BOOK

Name of Agency - बि बि 2 अ कर्मा

Name of Work- 3
 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	
1.					
Name of work → repair damaged mossy road to Kuthapur					
(mossy - 50)					
Agency					
Agency: - Nira Kumar Ward Roy.					
Agreement No → 27/510/2020-21 (25-5-20)					
Work commenced dt → 27/3/21					
dt of completion: -					
1st and A/c Bill: -					
Record measurement -					
dt of measurement → 27/3/21					
② setting out pillars.					
① construction of benchmark and reference pillars as per specification - do - do - 200					
0.408 H.M. ✓					
② clearing and grubbing road land -					
along road land including already wild vegetation - do - do - 200					
$408 \times 7 = 2856 \text{ m}^2 = 0.23 \text{ Hec}$					

Continuation DE Bida

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of Cost:-					
① Construction of Benchmark and reference pillars--do--do--do--					
Qty vide item M.B Page (10)					
0.4084 Hec @ Rs 10969.2/Hec					
→ Rs 4475=00					
② clearing and grubbing					

clearing and grubbing road land including uprooting wild vegetation--do--do--do--					
Qty vide item M.B Page (11)					
0.29 Hec @ Rs 52998.2/Hec					
→ Rs 15369=00					
③ Excavation in soil using Hydraulic excavation:-					
Excavation for roadwork in soil with hydraulic excavation--do--do--do--					
Qty vide item M.B Page (11)					

Continuation

Rs 19844=00

B/f Rs 19844=00

31

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
32. 63 m ³ @ Rs 75.57/m ³					
→ Rs 2460=00					
(4) Construction of embankment with approved materials deposited at site from borrow pits with a lift					
-- do -- do -- Job					
Qty vide item M-B page (11) + (24)					
from 100m lead.					
302.3 m ³ @ Rs 192.03/m ³					
→ Rs 58056 m ³					
from					
(5) Construction of embankment with approved material obtained from borrow pits					
-- do -- do -- Job					
for 100m lead, :-					
Qty vide item M-B page (11) + (29)					
705.36 m ³ @ Rs 154.58/m ³					
→ Rs 109035=00					
(6) Construction of Subgrade and earthen shoulder -					
Construction of Subgrade					

Continuation

Rs 189401=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	H.	
2nd Road's shoulder					12.74
upposed material obtained from borrow pits - do -					
- do - job					
only vide item M.B Page (6) 169					
$109.5 \text{ m}^3 + 127.66 \text{ m}^3 \rightarrow 237.16 \text{ m}^3$					
@ R2 19001/m ³					
$\rightarrow R2 \quad 46963 = 00$					

(7) G.S.B Gr-1:-

Construction of granular subbase by providing well graded material spreader in uniform layers - do - do - job					
only vide item M.B Page (12) 169					
$122.365 \text{ m}^3 @ R2 + 18.24 \text{ m}^3 =$					
$140.60 \text{ m}^3 @ R2 \quad 2870.62/\text{m}^2$					
$\rightarrow R2 \quad 403609 = 00$					

(8) Work Gr-3:-

binding, laying, spreading and compacting stone aggregates of sp. sizes 70					
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Continuation

R2 639973 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
Water Band macadam					
- do - do - Job					
Qty vide item M.B Page					(12) + (20)
$73.12 + 43.72 \text{ m}^3 = 116.84 \text{ m}^3$					
@ Rs 3697.12/m ³					
→ Rs 431971 = ∞					

(9) Prime Coat :-

Providing and applying
prime coat with bitumen

emulsion (RS-1) - do					
- do - Job					
Qty vide item M.B Page (22)					
932.75 m^3 @ Rs 41.14/m ³					
→ Rs 38373 = ∞					

(10) Tack Coat :-

Providing and applying tack
coat with Bitumen emulsion

(RS-1) using emulsion

- do - do - Job

Qty vide item M.B Page (22)

932.75 m^3 @ Rs 14.04/m³

Continuation → Rs 13096 = ∞

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) Mux seal Surfacing Bituminous with waste Plastic: - providing, laying and rolling of close graded premix carpet surfacing material - do - do - Job Qty vide item M.B Page (23) 932.75 m ³ (Rs 192.58/m ³) → Rs 179629=00					
(12) Cement concrete pavement (M-30) Construction of unreinforced dowel jointed at expansion and construction joint only, Plain cement concrete - do - do - Job Qty vide item M.B Page (21) 99.76 m ³ (Rs 6308.90/m ³) → Rs 628877=00					
(13) Traffic sign, marking and other - do - do - Job					

Continuation

Rs 1921019=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Kilometre stone:-					
RCC cement concrete M15					
grade kilometre stone/					
local stone - do - do - Job					
1) ordinary kilometre stone					
Qty vide item N.B Page (23)					
02 Nos @ Rs 220/-65/No					
→ Rs 4403 = 00					
11) 200m Stone.					
Qty vide item N.B Page (23)					
2 Nos @ Rs 611.10/No					
→ Rs 1222 = 00					
(14) Boundary pillar:-					
RCC M-15 grade boundary					
Pillars/ local stone at					
Standard - do - do - Job					
Qty vide item N.B Page (24)					
8 Nos @ Rs 516.44/No					
→ Rs 4132 = 00					
(15) Painting two coats on					
new concrete surface (for					
culvert) - do - do -					
Job					
Rs 1941676 = 00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide item M.B Page (24)					
14.88/m ² @ Rs 100.17/m ²					
→ Rs 1490=00					

(16) Retro-reflectorised traffic signs:-

providing and fixing of retro-reflectorised Caution, mandatory - - - - -

Qty vide item M.B Page (24)

1) 600 mm circular

Qty vide item M.B Page (24)

2 Nos @ Rs 4635.51/No

→ Rs 9271=00

11) 600 mm equilateral triangle.

Qty vide item M.B Page (24)

4 Nos @ Rs 3461.27/No

→ 13845=00

Rs 1966282=00

Continuation

B/H Rs 1966282=00

37

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11) 900 mm Side octagon:-					
Qty vide Item M.B Page (25)					
01 Nos @ 823.22 / Nos					
→ Rs 823.22 = 00					
(17) Road marking with					
Hot applied thermoplastic					
Compound with reflective					
Glass Beads -- do -- do					
-- + Job					
Qty vide Item M.B Page (25)					
49 M ² @ Rs 722.30 / M ²					
→ Rs 3539 = 00					
(18) Road Marking with					
Hot applied thermoplastic					
Compound with reflective					
Glass Beads -- do -- do -- Job					
Qty vide item M.B (25)					
32.6 M ² @ Rs 753.03 / M ²					
→ Rs 24549 = 00					
Rs 2002602 = 00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19) E/W in excavation of foundation of structures as per drawing - do - do - Job					
Qty vide item M.B Page (12)					
16.41 M ³ @ Rs 305.42/m ³					
→ Rs 5012=00					
(20) Providing concrete for plain/reinforced concrete in open foundation - do - do - Job					
Qty vide item M.B Page (13)					
1.45 M ³ @ Rs 5197.22/m ³					
→ Rs 7536=00					
(21) Providing concrete for plain/reinforced concrete in open foundations complete - do - do - Job					
Qty vide item M.B Page (13)					
9.92 M ³ @ Rs 5689.57/m ³					
→ Rs 56440=00					

Continuation

Rs 2071598=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(22) Plain / Reinforced concrete concrete in substructure Complete - do - do - Job Qty vide Item M.B. Page (11)					
3.41 M ³ @ Rs 5916.46/M ³ → Rs 20175=					
(23) Providing & laying ISI Mark cement concrete hump pipe on first class - do - do - Job Qty vide Item M.B. Page (13)					
7.5 M @ Rs 1146.28/M → Rs 8597=					
(24) Providing and fixing sign board and logo of MWD:- Providing and fixing of typical of typical MWD information sign board with logo as per MWD - do - do - Job					

